



# CATALOG 2019-2020

**VOLUME 80**

**NINETIETH YEAR**

## **OUR MISSION**

Educating students  
to become servants of Christ  
to make a difference in today's world

## A MESSAGE FROM THE PRESIDENT OF THE COLLEGE

Selecting a college is one of the most important decisions of your life, and yet is often one of the most challenging. The most critical question which you will ask to enable you to make that decision is this: “Is this the best college to prepare me vocationally to fulfill God’s calling on my life, equip me to engage the culture from a Christian world and life view, and encourage me to walk worthy of our Lord Jesus Christ, fully pleasing Him?”

As a Christian liberal arts college, Bryan will challenge you academically to think critically regarding the world of ideas while affirming the truth of the Word of God as the foundation of all life and learning. We believe that the study of every discipline should enable you to see God’s creative hand and give Him glory through its pursuit. Bryan provides the type of academic rigor which prepares you to enter the best graduate and professional schools while growing in faith and the spiritual disciplines.

Success in life is dependent upon gaining the tools which allow you to understand your discipline of study, think clearly and creatively, and articulate your ideas in an effective way. A Bryan education will put you on a path of lifelong learning and living a life of true significance. I trust this Catalog will provide you with sufficient information to help you make one of life’s most important decisions. Bryan College – dedicated to understanding, engaging, and redeeming our culture for Christ’s kingdom.

Stephen D. Livesay, Ph.D.  
President

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## TABLE OF CONTENTS

GENERAL INFORMATION .....	4
COLLEGE PERSONNEL .....	18
CAMPUS LIFE .....	27
ADMISSIONS INFORMATION .....	33
FINANCIAL AID .....	40
COLLEGE EXPENSES .....	47
ACADEMIC INFORMATION .....	52
TRADITIONAL UNDERGRADUATE PROGRAMS.....	83
SPECIAL PROGRAMS.....	126
COURSE DESCRIPTIONS .....	131
BRYAN COLLEGE ONLINE - UNDERGRADUATE .....	182
BRYAN COLLEGE ONLINE - GRADUATE PROGRAMS.....	219
DIRECTORY OF CORRESPONDENCE .....	257

# **GENERAL INFORMATION**

# EDUCATIONAL STANDING

## Bryan College is

- Accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the associate, baccalaureate, and master degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4079 or call 404-679-4500) for questions about the accreditation of Bryan College.
- Accredited by the International Assembly for Collegiate Business Education (IACBE).
- Approved by the Tennessee State Board of Education for teacher education and licensure.
- Approved by the Association of Christian Schools International (ACSI) for teacher education and certification.
- Approved under the various public laws, passed by Congress for the education of veterans and eligible dependents of veterans including PL 16, PL 634, and PL 361.
- Approved by the Immigration and Customs Enforcement for the education of international students.

## Memberships

American Association of Christian Counselors  
American Association of Pastoral Counselors  
Appalachian Athletic Conference  
Appalachian College Association  
Association for University and College Counseling Center  
Directors  
Association of Christians in Student Development  
Association of Business Administrators of Christian Colleges  
Association of Christian Librarians  
Association of Christian Schools International  
Association of Classical and Christian Schools  
Association of Fundraising Professionals  
Association of Independent Liberal Arts Colleges with Teacher  
Education  
Authors Alliance Partnership Program  
Baptist Association of Christian Educators  
Chattanooga Chamber of Commerce  
Chattanooga Rotary Club  
Christian Stewardship Association  
Christian University Global Network  
Cleveland Chamber of Commerce  
Combined Federal Campaign  
Council for Advancement & Support of Education  
Council for Higher Education Association  
Dayton Chamber of Commerce  
Dayton Ministerial Association  
Dayton Rotary Club  
Evangelical Council for Financial Accountability  
Evangelical Missiology Society  
Evangelical Theological Society  
Evangelical Philosophical Society  
Greater Chattanooga Area Planned Giving Council  
John's Creek Chamber of Commerce, Georgia  
Main Street Dayton  
National Association of Foreign Student Advisers  
National Association of Intercollegiate Athletics  
National Athletic Trainer Association  
National Board of Certified Counselors  
National Council of Teachers of Math  
National Council for State Authorization Reciprocity  
Agreements  
North American Coalition for Christian Admissions  
Professionals

Online Computer Library Center  
Rhea County Interagency Committee  
Rhea Economic and Tourism Council, Inc.  
Society of Human Resource Managers  
Society of Professors in Christian Education  
Southern Association of Collegiate Registrars and Admissions  
Officers  
Southern Association of Student Financial Aid Administrators  
Spring City Chamber of Commerce  
Tenn-Share  
Tennessee Academic Library Cooperative  
Tennessee Advancement Resource Council  
Tennessee Association of Colleges for Teacher  
Education  
Tennessee Association of Collegiate Registrars and Admissions  
Officers  
Tennessee Association of Independent Liberal Arts Colleges  
with Teacher Education  
Tennessee Association of Pastoral Therapists  
Tennessee Association of Student Financial Aid Administrators  
Tennessee College Association  
Tennessee Incident Based Reporting System (TIBRS)  
Tennessee Independent Colleges and Universities Association

# Brief History

Founded in 1930, Bryan College is situated on a beautiful 125-acre wooded hilltop in the Tennessee Valley community of Dayton, Tennessee. Bryan College is an independent, coeducational, Christian liberal arts college named for William Jennings Bryan (1860-1925), a prominent statesman in American political life. As an orator and national leader, Mr. Bryan promoted the interests of the “common man” and defended the authority of the Bible as a foundation for public and private values.

## Institutional Distinctives

Chartered in 1930 under the laws of Tennessee as a general welfare corporation with the basic purpose of providing “for the higher education of men and women under auspices distinctly Christian and spiritual,” the College has responded to changing times with various modifications of its educational program. Bryan College was established as a four-year undergraduate college of arts and sciences, although until 1958 the corporate title used the term “University.” In December, 2005 the College was authorized by the Southern Association of Colleges and Schools Commission on Colleges to offer its first graduate degree: the Master of Business Administration. The goals for institutional development and the changing climate in American higher education will continue to influence the educational program. However, the original institutional purpose as a Christian liberal arts college remains unchanged.

With an awareness of its heritage and a commitment to its future, the College endeavors to serve its constituencies by traditional and novel means. Bryan College maintains the following distinctives as part of its vision for the next century.

Bryan College has developed and will maintain:

- ◆ An identity as a Christian liberal arts college which is evangelical, nondenominational, and regionally accredited.
- ◆ A firm biblical emphasis, both in curriculum and in principles for everyday life, based upon unequivocal acceptance of the inerrancy and authority of the Scriptures.
- ◆ A Christian worldview as the foundation for the engagement of faith, learning, and living.
- ◆ A competent faculty committed to a quality academic program.
- ◆ A balanced position regarding theological beliefs, daily life and conduct, and educational philosophy and practice.
- ◆ A close bond of fellowship and a sense of community under the Lordship of Jesus Christ that fosters positive relationships among faculty and students of diverse backgrounds.
- ◆ A commitment to a progressive approach in addressing the technological nature of our changing society.
- ◆ A setting of natural beauty where lake and mountains meet, ideal for serious study and growth.

## Institutional Mission and Purpose

Bryan College’s mission is “educating students to become servants of Christ to make a difference in today’s world.” The College seeks to assist in the personal growth and development of qualified students by providing an education based upon an integrated understanding of the Bible and the liberal arts.

# Educational Goals

In order to maintain its distinctives and pursue its institutional purpose, the Bryan College community strives together to accomplish seven educational goals:

1. Students will develop a knowledge of the Bible and the liberal arts and an ability to harmonize that knowledge through an understanding of their relationships.
2. Students will develop competency in one or more subjects as a foundation for graduate studies or vocations related to the disciplines of Christian Thought, Humanities, Sciences, and Social Sciences.
3. Students will demonstrate academic excellence by thinking critically, working independently and cooperatively, communicating clearly, and expressing themselves creatively.
4. Students will develop wholesome attitudes, healthful habits, responsible citizenship, constructive interests and skills, and the recognition that education is a continuing process for both faculty and students.
5. Students, faculty, and staff will serve the local community and the Bryan constituency with academic and creative experiences and consultative services in ways consistent with the educational philosophy, purpose, and resources of the College.
6. Students will mature spiritually and engage in opportunities for Christian leadership, ministry, service, worship, and discipleship.
7. Students will enhance their undergraduate and graduate education and participate in research projects and colloquia conducted by Bryan's faculty, academic departments, and affiliate and ancillary organizations.

(These Educational Goals apply to all undergraduate and graduate degree programs except in the case of on-line programs where goals #5, #6, and #7 are abridged due to the limitations of distance learning.)

## LEARNING OUTCOMES

Students will make a difference in today's world by:

1. Strengthening their educational foundation
2. Developing a Christian worldview
3. Engaging the culture
4. Exploring the arts
5. Understanding the natural world

(These Learning Outcomes apply to all undergraduate degree programs.  
Specific Learning Outcomes for each graduate degree are listed with those programs.)

## ESSENTIAL BELIEFS

The college charter states that no sectarian test or statement of belief is to be imposed on any student. It also specifies that anyone serving as a trustee, officer, or member of the faculty or staff must subscribe to the Statement of Belief, which appears below. The College's religious position and control, educational philosophy, and community life standards are consequential outcomes of the Statement of Belief.

# Statement of Belief

This Statement of Belief is reported to have been formulated and adopted at the 1919 Philadelphia Convention of the World's Christian Fundamentals Association, an interdenominational Protestant evangelical organization of that period. Consequently, it is a nonsectarian statement of evangelical orthodoxy. Its adoption as the religious position of the College was appropriate in view of the fact that Bryan was organized by leaders from various religious denominations and chartered as a non-sectarian institution. The college community continues to represent a wide spectrum of religious denominations and the normal divergence which is characteristic of the larger American evangelical community.

The College, as an evangelical Christian community, endeavors to create an atmosphere in which personal commitment to Christ and Christian standards of behavior will be forthcoming. Trustees, administrative officers, faculty, and staff affirm annually their faith and commitment by subscribing to the Statement of Belief.

## The Bryan College Statement of Belief

We believe:

- that the holy Bible, composed of the Old and New Testaments, is of final and supreme authority in faith and life, and, being inspired by God, is inerrant in the original writings;
- in God the Father, God the Son, and God the Holy Ghost, this Trinity being one God, eternally existing in three persons;
- in the virgin birth of Jesus Christ; that He was born of the virgin Mary and begotten of the Holy Spirit;
- that the origin of man was by fiat of God in the act of creation as related in the Book of Genesis; that he was created in the image of God; that he sinned and thereby incurred physical and spiritual death\*;
- that all human beings are born with a sinful nature, and are in need of a Savior for their reconciliation to God;
- that the Lord Jesus Christ is the only Savior, that He was crucified for our sins, according to the Scriptures, as a voluntary representative and substitutionary sacrifice, and all who believe in Him and confess Him before men are justified on the grounds of His shed blood;
- in the resurrection of the crucified body of Jesus, in His ascension into Heaven, and in “that blessed hope,” the personal return to this earth of Jesus Christ, and He shall reign forever;
- in the bodily resurrection of all persons, judgment to come, the everlasting blessedness of the saved, and the everlasting punishment of the lost.

\* Clarified in 2014 - We believe that all humanity is descended from Adam and Eve. They are historical persons created by God in a special formative act, and not from previously existing life forms.

## Religious Position and Control

The College is controlled by a self-perpetuating Board of Trustees, the maximum complement of which is thirty, in three classes of ten each with staggered terms. The charter and bylaws state that the members of the board shall be “born again Christian men and women with a sound Christian testimony.” The names of the members of the Board of Trustees appear elsewhere in this *Catalog*.

In policy and practice, the College strives to cooperate with local churches, each member of the college community choosing his own place of worship and service. In general, the College refrains from scheduling any official activities at times which would conflict with the regular schedule of local churches. In actual practice, the College has emphasized two major principles: first, the relevancy of the message of the Bible for today and, second, the unity in the body of Christ of all who are Christians by spiritual rebirth.

Because Bryan is a college and not a church or denomination, it does not seek to wield ecclesiastical power and influence; neither does it set itself up as a judge on such matters, nor does it attempt to prescribe what other Christians

shall do. The trustees do not legislate “stands” for faculty or students, nor are loyalty pledges sought from the alumni. All matters necessary to the college community relationship are laid down in the Charter and Bylaws, the *Catalog*, the *Faculty-Administration Guide*, and the *Student Handbook*. The institutional emphasis is placed on a positive application of the principle of loyalty to Christ and of seeking to honor Him.

Some movements and institutions sharing the same heritage as Bryan’s have adopted an exclusive policy whereas others have taken an inclusivist position; but Bryan endeavors to maintain the position it has held from the very beginning. The College believes that this position is consistent with its history, its current development, and the principles of a Christian liberal arts college.

## Educational Philosophy

Bryan College is founded upon the belief that God is the author of truth; that He has revealed Himself to humanity through nature, conscience, the Bible, and Jesus Christ; that it is His will for all people to come to a knowledge of truth; and that an integrated study of the liberal arts and the Bible, with a proper emphasis on the spiritual, mental, social, and physical aspects of life, will lead to the balanced development of the whole person. All programs incorporate a Christian worldview as the foundation for the engagement of faith, learning, and living.

The opportunity for such study should be available to all students who meet admission standards, regardless of their sex, race, creed, color, national or ethnic origin, disability, or age. Although students are neither required to subscribe to any statement of belief nor placed under any duress with regard to their religious position, the college leadership desires that its graduates will ultimately find their lives transformed by the living Christ, being filled with the Holy Spirit, and consistently practicing a thoroughly Christian lifestyle which grows from a well-developed biblical worldview. These graduates should be well-integrated persons and mature citizens who accept their responsibility to glorify God and serve others.

## Community Life Standards

In matters of social life and personal conduct, College personnel aspire to exemplify the College motto, “Christ Above All.” Emphasis is placed on the positive application of the principles of loyalty to Christ and seeking to honor Him rather than on a code of controls. Love and reverence for God, respect and care for the personal self, courtesy and concern toward others, and respect for the law are broad principles which govern the conduct of all College personnel.

The trustees, administration, faculty, and staff of the College believe that the following standards of conduct and behavior are meaningful guidelines for our community, are necessary for carrying out our mission, and apply to all persons employed by Bryan College, including adjunct and full-time faculty, and full-time and part-time staff.

1. To enable our mission, all employees of the College must be professing Christians who concur with and support the Bryan College Statement of Belief.
2. To continually refresh our spiritual life and maintain our core values, all employees of the College, consistent with the Bryan College Statement of Belief, are expected to be maturing followers of Christ and active in the life of a local church.
3. To live a life of holiness and foster a loving community, all employees are expected to avoid impropriety and abstain from practices prohibited in or inferred from scripture. These behaviors include, but are not limited to, dishonesty, theft, vandalism, immodest dress, profanity, gossip, drunkenness, pornography, and sexual sins (fornication, adultery, homosexual behavior).
4. To be good citizens as the Bible calls us to be, all employees should submit to and pray for governmental authority over them.
5. To model scholarship with integrity, all employees must refrain from academic dishonesty, including cheating and plagiarism.

6. To cultivate an emotionally healthy lifestyle, all employees will abstain from the use of illegal drugs and from the misuse of prescription drugs. They will also refrain from the use of legal substances for the purposes of altering one's psychological or physiological state in a way not recommended by medical professionals.
7. For the purposes of student and employee safety and to encourage the respect of all persons, all employees are prohibited from using or possessing alcohol on campus, during Bryan-sponsored events off-campus, in the presence of students at private gatherings, or while operating any vehicle while on College business. In addition, all employees are prohibited from using tobacco products on campus, during Bryan-sponsored events off-campus, or while operating College vehicles.

The following statements relating to Human Sexuality, Gender Identity, and Abortion are incorporated into the Bryan College *Community Life Standards*.

### **Bryan College Statement on Human Sexuality**

At Bryan College we are committed to a biblical worldview that seeks to glorify God, recognizing and affirming Christ as Sovereign in every aspect of the created order and in every sphere of human endeavor. There is nothing over which He is not preeminent and to which He is irrelevant. As such, our mission as a Christian college is to equip students in mind *and* character, to help them connect the rigorous work of the mind to the Spirit's sanctifying work in the heart—thus facilitating an intellectual and spiritual transformation. The desired outcome is an inherently consistent inner life or character manifested in an outward obedience or observable action consistent with that character.

In order to facilitate this process of Christ-like character development we knowingly and voluntarily embrace and commit to community standards of conduct that we believe are congruent with biblical standards and conducive to a life of spiritual integrity. We aspire to be a college community where thoughtful and caring engagement with the deepest questions of life and personal identity can be examined in light of the authority of the Biblical Scriptures, and in view of our common human sinfulness and brokenness. These Standards of Conduct (as found in our Student and Employee Handbooks) reflect and express our desire and commitment to help the members of our community to live “in Christ,” to develop a Christ-like maturity in their daily practices, and to encourage a healthy, vibrant Christian college community.

In keeping with our mission and our commitment to biblical fidelity, all members of the College community are expected to follow the teachings of Scripture. We believe that the only authoritative and trustworthy norm for proper moral judgments is what God has revealed in His Word. Therefore, Bryan College affirms that sexual intimacy is designed by God to be expressed solely within a marriage between one man and one woman. This view of sexuality and marriage is rooted in the Genesis account of creation, reflected in the teachings of Jesus Christ Himself, and is maintained consistently throughout Scripture. It is a view based on the biblical teaching of monogamy—that God designed sexual union for the purpose of uniting one man and one woman into a permanent, lifelong, one flesh union in the context of marriage. God created two complementary forms of humans, male and female, to bear His image together (Gen. 1:27-28), and ordained that the first human pair were to become one flesh (Gen. 2:23-24). These and other similar passages show that God views sex, procreation and marriage as good, and that male and female are necessary counterparts—differentiated partners—in a sexual complementarity. Sexual intimacy and the sexual union of intercourse between a man and a woman are intended for a purpose—to join one husband and one wife together into one flesh in the context of marriage (I Cor. 6:16).

Our marriages on earth model the relationship between Christ and His bride, the church (Eph. 5:31-33), a melding that the Apostle Paul calls “a profound mystery”. This God-initiated oneness, as detailed in Genesis, is clearly recognized and affirmed by Jesus in terms of the marital union of husband and wife (Matt. 19:4-6). Any sexual intimacy outside of marriage violates God's design for marriage and is thus to be understood as one of the disruptive consequences of the fall (Rom. 1:18-32).

Thus, God’s design for marriage and sexuality is the foundational reason for viewing acts of sexual intimacy between a man and a woman outside of marriage, and any act of sexual intimacy between two persons of the same sex, as illegitimate moral options for the confessing Christian. Sexual relations of any kind outside the confines of marriage between one man and one woman are inconsistent with the teaching of Scripture, as understood by Christian churches throughout history. On the other hand, chastity in the form of sexual purity for the unmarried person and chastity in the form of sexual faithfulness in marriage are blessed and affirmed. Therefore, as part of living out a consistent, biblical spirituality, one dedicated to the pursuit of Christ-likeness, all members of the College are expected to avoid sexual intimacy outside of marriage and to discourage others from indulging in that behavior. Indeed, whatever one’s personal tendencies and desires, the call of Christ on our lives is the same: sexual purity manifested among the married as complete faithfulness and by those who are unmarried by living a chaste life (I Thess. 4:3-8).

Sexual purity honors God. For those in our community who are attracted to persons of the opposite sex and struggle to maintain sexual purity, as well as for those in our community who struggle with same-sex behavior, same-sex attraction and/or sexual orientation issues, we aspire to be a gracious community that promotes openness and honesty. We pledge to extend compassion and care, providing accountability and assistance as we support all members of our community—students, staff and faculty—in their desire to live consistently with Christian love, prayerfulness and care, and all members of the Bryan community are expected to treat one another with respect and Christ-like compassion. Hateful, bigoted or destructive interactions will not be tolerated.

It is expected that no member of the Bryan community (faculty, staff, administrative personnel, and all students, including those students who use Bryan-sanctioned venues such as, but not limited to, student publications and chapel events) will publically support or advocate any unbiblical behavior as defined above or in any of our standards. Furthermore, the institution reserves the right to terminate any employee or dismiss any student who violates the standards mentioned above.

We believe in accordance with Scripture, that we are all sinful and that we sin in different ways. The God who knows us intimately, all of our thoughts and deeds, provides not only redemption through Christ, but also promises forgiveness for all of our sins and freedom from the power of sin. Therefore, a primary goal is to help each student and member of the Bryan community to grow in Christ in the midst of his or her unique history and struggles and discern how to walk righteously with Him and others along the way.

It is our prayer that by the grace of God, as we follow Christ as the authority over every aspect of our lives, that our love may abound more and more with knowledge and all discernment, so that we may approve what is excellent, and so be pure and blameless until the day of Christ...to the glory and praise of God (Phil. 1:9-11).

### **Bryan College Statement on Gender Identification**

Based on the mission of Bryan College, its standards, and uniqueness as a living and learning environment that honors Jesus Christ, the College recognizes that some members of the Bryan Community (faculty, staff, administrative personnel, and students) may struggle with their gender identity and wish to explore living as a particular gender other than their original gender assignment from birth. When a member of the Bryan Community is cooperative and willing to explore these feelings in an appropriate setting and not act out the feelings, the College will allow them to continue being a part of the Bryan community if they are pursuing counseling and a mentoring relationship that will help them discuss appropriately who God made them to be. In this process, however, the College will uphold a view that we are “fearfully and wonderfully made” (*Psalms 139:14*) in the uniqueness and image of God and, therefore, strategically and purposefully made as the biological gender we were born as. Because of this belief, the College will not allow a student or any member of the Bryan Community of a particular gender to dress and act differently than the biological one that God created them to be nor to use college facilities (including, but not limited to, restrooms, dorms, locker rooms) other than those designated for their original gender assignment from birth. If a member of the Bryan community decides to identify as a gender other than their biological one or

pursues a medical course of action to physically change their biological gender to that of another sex, it is in their best interest and that of Bryan College for them to leave the Bryan College community. Bryan College reserves the right to terminate any member of the faculty or staff and dismiss any student from the Community for violating this basic understanding of human life. It is expected that no member of the Bryan Community will publically promote or advocate anything contrary to the position stated above.

### **Bryan College Statement on Human Life**

Bryan College holds that all human life is sacred and is God’s greatest blessing and, therefore, must be respected and protected from its conception to its completion. The taking of a human life through any means (including but not limited to abortion, homicide or suicide) is considered abhorrent. We, therefore, prohibit all members of the Bryan Community (faculty, staff, administrative personnel, and students) from promoting or participating in any act of, or related to, aborting a child whether such a child is pre-birth or post-birth. Bryan College reserves the right to terminate any member of the faculty or staff and dismiss any student from the Community for violating this basic understanding of human life. Bryan College understands that in cases where a pregnancy may put at risk the very life of a mother, triage decisions must be made within the private context of woman, her doctor, her pastor and her family.

### **The Honor Code**

The Christian Life Standards apply directly to the academic area through the Bryan College Honor Code. The Honor Code is simply stated: “Every student shall be honor bound to refrain from cheating (including plagiarism). Every student shall be honor bound to refrain from stealing. Every student shall be honor bound to refrain from lying. Any violation of this Honor Code can result in dismissal from the College.” The Bryan College Honor Code is designed to enhance academic uprightness on the campus.

### **Academic Honesty Policy**

Students are expected to submit their own work and engage in their own research. The Community Life Standards apply directly to the academic area through the Bryan College Honor Code. The Honor Code is simply stated: “Every student shall be honor bound to refrain from cheating (including plagiarism).”

In regard to plagiarism, the *Chicago Manual of Style (2003)* states “with all reuse of others’ materials, it is important to identify the original as the source.” (p. 136). Even when one uses other people’s thoughts or concepts without crediting them as the source they have stolen intellectual work. It is plagiarism to turn in any previously submitted work without the current professor’s prior written permission; without the prior permission, this will be considered self-plagiarism.

It is not plagiarism to quote material from a book, article, or web site as long as the author or source of the material is properly cited. Similarly, it is not plagiarism to copy a chart or a diagram from such a source, as long as the source is clearly credited. It is plagiarism to copy verbatim or closely paraphrase a chart or illustration, or material from any book, article, or web site without clearly identifying the source from which it was obtained.

### **Violations of the Academic Honesty Policy & Appeals Procedures**

The Bryan College policy on academic honesty, revised in 2010, requires a proportional discipline response to violations of the policy. At the undergraduate level the first incident is recorded in the Office of the Vice President for Academics & Provost and any correction is handled by the professor of the course. A second incident automatically results in the failure of the course in which it takes place. A third incident usually requires the

immediate suspension of the student from the College. For graduate programs, the first incident may result in the immediate suspension of the student from the College.

If one is found in violation of the Academic Honesty Policy he or she has the right to appeal the accusation and the resulting punishment, in writing, to the Vice President for Academics & Provost within ten days of notification by the Academic Office of the violation. The appeal will be heard by the Academic Appeals Committee at their next regular meeting. Appeals made after the ten day window, inclusive of non-business days and standard college vacation days, will not be considered valid and may not be entertained by the Committee. The decision of the Committee is final and no further appeal is available. Details as to the construction of the appeal letter and its contents can be obtained by contacting the Academic Office.

## HISTORY AND DEVELOPMENT

During his visit to Dayton in 1925 for the Scopes Evolution Trial, William Jennings Bryan (1860-1925) expressed the wish that a prep school and junior college for men might be established on one of Dayton's scenic hills. Following Mr. Bryan's death in Dayton on July 26, 1925, a memorial association with a national membership was formed to establish in Dayton an educational institution in his honor.

### Bryan's Heritage

At the 1896 Democratic convention in Chicago, Mr. Bryan had become a national figure with his famous "Cross of Gold" speech, which brought him the first of the three nominations for the presidency. Though he lost all three presidential races, he was the leader of his party from 1896 through the first election of Woodrow Wilson in 1912 whose nomination he helped to secure. He served as Secretary of State in Wilson's first administration, and his energetic efforts for world peace in a world moving toward World War I resulted in the ratification by the U.S. Senate of twenty of the thirty treaties he had negotiated. The rising tide of pro-war feeling in America led to his resignation as Secretary of State in 1915, although he later supported the war effort and remained a leader in his political party. He was the foremost public orator of his day and was famous for his lectures on the Chautauqua circuit. As a public figure, he was a spokesman for prohibition and for biblical fundamentalism in the modernist-fundamentalist controversy which dominated the Protestant religious scene in America the first quarter of the century. Mr. Bryan's involvement in *The State of Tennessee v. John Thomas Scopes* in which he assisted the State of Tennessee in its prosecution of Mr. Scopes was logical, for Bryan participated as a champion of biblical Christianity against the encroachments into public education of the secular religion of materialistic Darwinism. After Mr. Bryan's death in Dayton on July 26, 1925, the Bryan Memorial University Association launched a national campaign to raise five million dollars, half for endowment and half for buildings. A wooded hilltop tract overlooking Dayton was obtained and construction began with high enthusiasm for the new institution. The immediate and continuing effect of the Depression caused the collapse of the fund-raising effort and the consequent halt to construction. Classes, however, opened on September 18, 1930, in the old Rhea County High School, which had been vacated that year for a new high school building nearby.

### Bryan's Campus

From its modest beginning, the present campus of more than ten buildings set on a beautiful 125-acre campus emerged. Most of Bryan's physical facilities are relatively new. A brief description follows.

#### Mercer Hall

The central campus building, previously known as the Administration Building, is a 440-by 54-foot, three-story concrete, steel, and brick structure that houses the classrooms and staff offices. It was completely renovated in 2001.

The science laboratory complex occupies the south end of the third floor of the building while the north end of the floor is being renovated to provide labs and offices for the Engineering Department. This facility includes modern science

and engineering labs and equipment, faculty offices, and lecture rooms outfitted with state-of-the-art technology.

Faculty and staff offices are located in the south wing of the main floor and consist of suites with four to six offices each. There are also three large lecture rooms in this wing. The administrative offices occupy the north wing of the main floor.

The ground floor consists primarily of classrooms and computer labs in addition to the mailroom, the campus store “Lion’s Pride”, Career Services Office and technology offices. Scopes Trial and Origins museums are being developed on this level.

## Latimer Student Center

The Erwin D. and Lane Latimer Student Center, completed in 2000, is a 39,000 square-foot building designed to enhance Bryan’s ability to accomplish its mission. It contains a 350-seat cafeteria and a 100-seat dining room for special events, the Prideland Grill (a 35-seat student café), a game room, fitness center, aerobics room, Student Government Association offices and the Office of Student Life.

## Library

Bryan College’s 22,000 square-foot library provides seating for 380 users and access to over 600,000 books, e-books, media items, periodical titles, and archival materials. The library’s digital resources are available 24/7 to students via the Internet using the library’s research computers or their own internet accessible devices. Students may also request items from 15,602 other libraries representing more than 2.8 billion holdings worldwide through the library’s resource sharing (interlibrary loan) network. Professional librarians are available to assist with computer searches and research questions for 61 of the library’s 81.25 operating hours each week, and they provide information literacy instruction sessions in several classes each semester. The library also provides a host of other services. For more information or to contact the library, see the library’s web page at <https://library.bryan.edu/home>.

## Residence Halls

The College has five traditional residence halls and two apartment style buildings. Arnold, Huston, Long, Robinson, and Woodlee-Ewing are residence halls and the Townhouses at Bryan Commons are apartments for upperclassmen. Each residence hall contains a computer lab. In addition to the residence halls, off-campus housing is available to single students who are at least 22 years old and to all married students.

**Arnold Residence Hall**, with a capacity of 101 students, was built in 1972. The fifty rooms are “suite style,” with a connecting bathroom for every two rooms. Arnold Hall contains a Resident Director apartment, lounge, kitchen, laundry rooms, and storage facilities. All rooms are individually climate controlled.

**Huston Residence Hall and H. D. Long Residence Hall** both were built in 1963-64. They each have fifty-two student rooms which are individually climate controlled. Each student room has a sink and is furnished with built-in beds or modular furniture, wardrobes and study desks. Residents on each floor share a bathroom and shower facility. Several floors were renovated in 2007 in order to allow roommates to arrange their own living space. Each hall has a lounge, kitchen, Residence Director’s apartment, bathrooms, laundry rooms, and storage areas. Additional renovations were made to Huston Hall in 2011-12.

**Robinson Residence Hall**, built in 2006, houses 120 students. Each of the 60 rooms has a sink and modular furniture, allowing roommates to arrange their own living space. Rooms are individually climate-controlled. Residents on each wing share a bathroom and shower facility. In addition to student rooms, Robinson Hall contains a Resident Director’s apartment, study areas, a computer lab, lounge, laundry, elevator and storage areas.

**Woodlee-Ewing Residence Hall**, with a capacity of 174 students, was built in 1984. The building is designed in suite style to accommodate two students per room, with every two rooms having a connecting bathroom. Each room’s

built-in furniture is arranged to provide two private study centers. All rooms are individually climate controlled. Lounges, a kitchen area, storage facilities, a laundry room, and a Resident Director's apartment complement the eighty-seven student rooms.

**Townhouses at Bryan Commons** are located off of Landes Way and overlooking the campus, two buildings of townhouses were completed in 2010. One building has seven townhouses and the other has five townhouses. Each two-story townhouse is approximately 1500 square feet includes three bedrooms, two baths, a full-size kitchen and a living room. Each townhouse is furnished with living room furniture, refrigerator, cooktop and modular furniture in the bedrooms. These are two of four planned townhouse buildings.

## **Rhea House**

Rhea House, completed in 1969, was a gift of the community to the College through funds raised by the Rhea County Advisory Committee. This two-story brick dwelling served as the home of the College President and his family until it was converted to a men's residence. Effective fall 2006, Rhea House was occupied by the Advancement Office.

## **Bryan Village Apartments**

This complex of eight buildings was developed beginning in 1961 for the use of married students. One-bedroom and two-bedroom units are available with easy access to laundry facilities.

## **Anderson Building**

This building, formerly known as the Annex building, was renamed in honor of John C. Anderson, who is Bryan College's faculty emeritus in Greek. The main floor houses the offices of the college's Education Department. The ground floor provides an Education classroom and space for the criminal justice program.

## **Summers Gymnasium**

With a seating capacity of one thousand, this building was constructed as the first unit in a physical education and intramural/intercollegiate sports complex. The present building includes a college tournament-size rubber-cushioned, floating, maple hardwood basketball playing floor, auxiliary facilities, and locker and shower rooms. In the summer of 1982, an annex was added to the front of the gym which provided a more spacious lobby, four offices, an athletic training room, and additional storage areas and rest rooms.

In January 2007, a 3000 square foot athletic training facility was added to the gymnasium. During the summer of 2007, Summers Gymnasium was renovated with a complete fitness center for use by all in the Bryan community. A 6000 square foot extension onto the gymnasium houses the coaches' offices as well as locker rooms and other facilities.

## **Athletic Facilities**

A varsity soccer field was constructed in 1995. This Bermuda grass field is regulation size. The men's baseball field was completed in the spring of 2002 and was donated by the Senter family, long-time friends of the college. In January 2007, a practice facility with one regulation size basketball court, a weight room and a 60' x 30' turfed practice area was erected on the north side of the campus. A regulation, collegiate size, softball field was added in 2010.

## **Rudd Memorial Chapel**

The Rudd Memorial Chapel was completed in 1976. It is a combination auditorium and fine arts building. It houses the College's main chapel auditorium with a regular seating capacity of 840, a large main stage for dramatic and musical productions, seven teaching studios, faculty offices, piano lab, choir and band rooms, two classrooms, and ten music practice rooms. During the summer of 2012, the auditorium and lobby were completely remodeled with new lighting, seating, flooring, and a digital sound system. **Brock Bicentennial Hall**, located on the ground floor, is a multipurpose

room with adjacent kitchen facilities. The room was remodeled as a black box theatre that will accommodate 150 people and is suitable for large classes, recitals, and plays. In 2019, the piano lab was expanded, remodeled and named the **Watson Piano Lab**.

## **Rankin Center**

This building, named in honor of an outstanding Bryan alumna, Joanne S. Rankin, was renovated in 2005 to house a seminar room and faculty offices. Darkroom and production spaces for the student news staff are also housed here. The basement of the Rankin Center houses the engineering program's "maker space" where engineering projects are constructed.

## **President's House**

The President's house was completed on the west end of the campus in the spring of 2001. This stately, yet functional two-story brick dwelling with its walk-out basement provides more than a dwelling for the President and his family. While the two upper levels house the College president and family, the basement floor provides a meeting place for up to 30 persons and a private efficiency apartment for guests of the President. Outside the basement entrance is a spacious area for outdoor activities. The College is thankful that many of the building materials for the President's House were donated by local businesses in Dayton and Rhea County.

## **Bryan's Location**

Bryan's 125 acre wooded hilltop campus overlooks the Richland embayment of TVA's Lake Chickamauga and the town of Dayton in the western edge of the valley made world-famous by the federal program of flood control, electrical power, and recreational facilities known as the Tennessee Valley Authority. Dayton, 38 miles north of Chattanooga on U.S. Highway 27, is approximately 40 miles from connections with Interstate Highways 24, 75, and 40. Dayton is the county seat of historic Rhea County, named for John Rhea, a Revolutionary patriot and early congressman from Upper East Tennessee. The population of the town is 6,600 with a service area of 12,000. Recent growth has increased the county population to 30,300. A sizable community of retirement residents who live principally in the north end of the county on the shores of Watts Bar Lake is a decided asset to the county. The natural beauty of East Tennessee and the potential for continuing growth and development of the area are factors making Bryan's location a definite plus.

Chattanooga's airport, Lovell Field, is approximately an hour's drive from the campus. A Greyhound bus terminal is also located near the airport. Dayton's own municipal airport serves small, mostly private, aircraft.

Excellent hiking and outdoor sporting opportunities are available at Dayton's Pocket Wilderness. Nearby Chattanooga is home to the internationally famous Tennessee Aquarium. Additional sightseeing opportunities are available at Rock City, Ruby Falls, and the Lookout Mountain Incline. The Tennessee Valley was scene of many Civil War battles. The Lost Sea, an underground lake in Sweetwater; Cumberland Mountain State Park; Fall Creek Falls State Park; Chickamauga Battlefield National Park; Watts Bar Dam and the Chickamauga Dam, both part of the TVA complex; the world-famous Oak Ridge Atomic Research Center; Gatlinburg, the gateway to the Great Smoky Mountains; and Nashville are all within an easy day's drive from the Bryan campus.

## **Legal Notices**

This *Catalog* is intended to give a realistic statement of admissions requirements and procedures, academic policies and practice, programs of instruction, college expenses, financial aid programs, etc. The College must reserve the right, however, to change, without notice if necessary, statements in the *Catalog* concerning policies, academic offerings, rules of conduct, charges, and to make any other alterations as circumstances may require. Furthermore, the course listings are offered primarily with the degree student in mind. A student who plans to attend Bryan fewer than two years should ascertain whether the courses desired will be taught during the anticipated enrollment period.

Bryan College does not discriminate on the basis of sex, race, color, age, national origin, or ethnic group in the education programs and activities which it operates according to the Civil Rights Act of 1964, and Title IX of the Education Amendment of 1972, Public Law 92-318. Nor does the College discriminate against qualified handicapped persons, according to the

requirements of Section 504 of the Rehabilitation Act of 1973, Public Law 93-112. This policy extends to both employment and admission to the College. Under Title VII of the Civil Rights Act of 1964 "religious organizations" and "religious educational institutions" are exempt from religious discrimination provisions. Bryan College is both a "religious organization" and a "religious educational institution".

In conformity with the Americans with Disabilities Act (ADA), Bryan College requires individuals (applicants, employees, or students) to identify specific requests for reasonable accommodations that may be necessary due to the existence of a qualified disability.

Inquiries should be directed as follows. For Title IX issues contact the campus Title IX Coordinator. For ADA issues contact the campus ADA Coordinator. The address and phone numbers for both are the same: Bryan College, 721 Bryan Drive, Dayton, TN 37321. The phone number is (423) 775-2041.

# **COLLEGE PERSONNEL**

# BOARD OF TRUSTEES 2019-2020

In accordance with the Charter and Bylaws of Bryan College, all members of the Board of Trustees are “born again Christian men and women with a sound Christian testimony.” The Trustees are charged with ensuring the present viability and future success of the College. The Charter stipulates that the board “shall be the exclusive and ultimate source of authority in all matters pertaining to the College, its government, and conduct.”

## Officers

**Ms. Delana Bice**, *Chair*

**Mr. Ron Messer**, *Secretary/Treasurer*

**Mr. Chris Cashion**, *Vice Chair*

## Trustees

**Ms. Tina Benkiser (2017)**, Attorney & Counselor at Law - Signal Mountain, TN

**Ms. Delana Bice (2000)**, Real Estate Broker -- Spring, TX

**Mr. Don Blanton (2013)**, Business Executive -- McDonough, GA

**Mr. Chris Cashion (2013)**, Financial and Business Consultant – Spring, TX

**Mr. Ralph Green (1993)**, Retired Educator -- Dayton, TN

**Dr. Kenneth Hanna (2018)**, Former President and Chancellor, Bryan College, Retired Educator, Fargo, ND

**Mr. Brad Harris (2018)**, Finance and Accounting Consultant – Dayton, TN

**Col. John Haynes (2001)**, Retired Business Owner -- Lilburn, GA

**Mr. David W. Kinsey (2011)**, Education Administrator – Alpharetta, GA

**Mr. Leighton LeBoeuf (2016)**, Retired Radio Executive – Lookout Mountain, GA

**Dr. Stephen Livesay (2003)**, Bryan College President – Dayton, TN

**Mr. Ronald D. Messer (2014)**, Business Owner – Lebanon, OH

**Mr. Willard Prices (1988-2007, 2018)**, Retired Bank President – Friendsville, TN

**Mr. Lebron Purser (2017)**, Insurance Agency Manager – Dayton, TN

**Mr. Jeff Smith (2018)**, President, Auto Parts Stores – Dayton, TN

**Mr. Kevin Stophel (2018)**, Principal/Owner Comprehensive Financial Planning Company – Chattanooga, TN

**Mr. Ron Wenger (2018)**, Retired Manufacturing Company Vice President and General Manager – Dayton, TN

**Legal Counsel** – Chambliss, Bahner & Stophel, P.C.

*Year in parentheses indicates year of election to the Board.*

## Trustees Emeriti

Mrs. Jess Cook (1978-1994)

Clemmons, NC

Mr. R. Donald Efird (1969-2004)

Kannapolis, NC

Honorable Lawrence H. Puckett (1987-2017)

Cleveland, TN

Dr. Herbert Sierk (1990-93, 1995-2009, 2018)

Hendersonville, NC

Mr. Glenn Stophel (1978-1986; 1992-2010)

Franklin, TN

Mr. C. Barry Whitney (1960 - 2018)

Augusta, GA

# ADMINISTRATION

## Officers of Administration

**Stephen D. Livesay, Ph.D.** ..... President  
**Chuck Baker, B.A.**..... Vice President of Advancement  
**Timothy J. Hostetler, B.S.**..... Vice President of Student Services & Ministries  
**Douglas F. Mann, Ph.D.**..... Vice President for Academics and Provost  
**Rick Taphorn, M.B.A.** ..... Vice President of Finance & Enrollment

## Administrative Personnel

### Office of the President

**Stephen D. Livesay, Ph.D.**, President

Alice H. Gray, B.S., Secretary/Receptionist – Office of the President  
 Margaret A. Legg, B.S., Executive Assistant to the President/  
 Director of Community Relations  
 Dennis D. Miller, M.S., Executive Director of External Communications

Samuel D. Youngs, Ph.D., Accreditation Liaison/Coordinator of State & Regional Compliance/Associate Dean, School of Humanities & Christian Studies/Associate Professor of Christian Studies

### Office of the Vice President for Academics and Provost

**Douglas F. Mann., Ph.D.**, Vice President for Academics and Provost

Vaughn Berger, M.B.A., Director of Business Development  
 Elizabeth N. Dahl, B.A., Admissions Counselor, Bryan College Online  
 Tracy Davidson, B.A., Admissions Counselor, Bryan College Online  
 Donna Eldridge, B.S., Academic Adviser, Bryan College Online  
 Gary Fitsimmons, Ph.D., Director of Library Services/  
 Professor of Information Literacy  
 Stacey S. Gates, B.S., Director of Dual Enrollment  
 Sandra D. Godsey, M.B.A., ADA Coordinator  
 Audrey Henderson, B.S., Administrative Assistant-Vogel School of Engineering  
 Linda Hill, Test Center Supervisor (part time)  
 Erica L. Holloway, B.A., Performing Arts Coordinator/  
 Administrative Assistant (part time)  
 Curtis Jolley, B.A., Associate Director of Marketing  
 LaVonne M. Johnson, M.S.L., Public Services Librarian/  
 Assistant Professor of Library Services  
 Scott W. Jones, Ph.D., Dean, Honors Institute/Professor of Christian Ministry  
 Michael Kennedy, M.A., Coordinator of Military Recruiting  
 Rhonda S. Kettenring, B.S., Administrative Assistant – Office of Academics  
 Thomas Marshall, Ph.D., Dean, Vogel School of

Engineering/Professor of Engineering  
 Steve Paulson, B.S., Lead Instructional Designer  
 Janet M. Piatt, M.S.Ed., Registrar  
 Polly E. Revis, B.S., Technical Services Librarian  
 Josie Riggs, B.S., Academic Adviser, Bryan College Online  
 Clark C. Rose, Ph.D., Faculty Athletic Representative/  
 Professor of Psychology/Chair of Psychology Department  
 Erin Sanchez, B.S., Library Outreach Technician  
 Jack Saunders, B.A., Director of Leadership & Culture  
 Adina L. Scruggs, D.B.A., Associate Vice President of Academics/Dean, School of Professional Studies/  
 Associate Professor of Business/Secretary of the Faculty  
 Sunny Simpson, M.S., Director of Academic Success Center  
 Amanda Sullivan, M.Ed., Director of Academic Programs,  
 Bryan College Online  
 Jennifer A. Travis, B.S., Coordinator of Field Placements  
 F. Annette Watt, M.M., Academic Operations Coordinator  
 Kevin Woodruff, M.S.I.S., Special Collections & Projects Librarian  
 R. Annie Whitlock, B.A., Social Media Manager  
 Brenda S. Wooten, Associate Registrar  
 Samuel D. Youngs, Ph.D., Accreditation Liaison/Coordinator of State & Regional Compliance/Associate Dean, School of Humanities & Christian Studies/Associate Professor of Christian Studies

## Office of Advancement

**Chuck Baker, B.A.**, Vice President of Advancement

Tracey L. Bridwell, Administrative Assistant/Gift Processor

Paulakay Hall, B.A., Alumni Director

David Holcomb, B.A., Scholarship Fund Director

Janice R. Pendergrass, B.A., Director of Advancement

## Office of the Vice President of Finance & Enrollment

**Rick Taphorn, M.B.A.**, Vice President of Finance & Enrollment

Bob Barger, Database Administrator

Donna P. Belisle, Business Office Assistant

Vance Berger, B.S., C.P.A., Contoller

Jordan N. Betz, B.S., Admissions Assistant

Andrew G. Biddle, Network Administrator

Jody L. Cheon, Associate Director of Admissions

Elise Combs, A.S., Administrative Assistant for Office of Admissions

David Haggard, M.S., Director of Financial Aid & Retention

Mike Hall, B.A., Senior Applications Developer

Luke Harris, Jr. Applications Developer (part time)

Beth Hixson, Student Financial Specialist

Joshua D. Hood, M.A., Director of Admissions

Caleb S. Julin, B.A., Admissions Counselor

Patricia A. Kinney, Business Office Manager

Hannah F. Ledford, B.A., Admissions Counselor

Leigha R. Miller, Senior Admissions Counselor

Luke A. Morris, M.B.A., Director of Career Services

Kerrie E. Murphy, B.A., Campus Visit Coordinator

Sharron L. Padgett, B.A., Administrative Assistant to the Vice President of Finance & Enrollment

Victoria B. Patterson, B.S., Student Financial Specialist

Angelia Price, B.S., Human Resources Director

Paula Schiffer, M.Ed., Admissions Counselor

Judy A. Shetter, Student Financial Aid Assistant (part time)

Andrew J. Smith, B.A., Assistant Director of Admissions

James H. Sullivan, MCSA, Comp TIA A+, Director of Information Technology Services

Allyson C. Underwood, B.A., Student Financial Specialist

Pat Wesolowski, Homeschool Specialist

## Office of the Vice President of Student Services & Ministries

**Timothy J. Hostetler, B.S.**, Vice President of Student Services & Ministries

Antonia Arizmendi, General Maintenance & Plumber

Jonathan D. Bacon, B.S., Environmental Services Assistant

Valerie A. Castlen, Mail Services Manager

Jenna Eastwood, M.A., Counselor (part time)

Christina Goins, Environmental Services Assistant

Janis A. Green, Campus Store & Mail Services Assistant

T. Blake Hamrick, General Maintenance and Electrician

Dwayne Hardyman, Environmental Services Assistant

Kyle Headlee, General Maintenance, HVAC

Verna Janow, Environmental Services Assistant

Kasey Kalk, B.A., Resident Director, Huston Hall

M. Ryan Kerley, General Maintenance Technician

Teresa A. King, Environmental Services Assistant

James S. Kinser, A.A., Event Services Manager

Eric J. McEachron, M.A., Director of Outreach Ministries

Bruce A. Morgan, M.A., Dean of Students

David A. Morgan, Director of Physical Plant

Nick T. Pacurari, M.A., Director of Residence Life & Student

Engagement/Resident Director, Townhouses

Rachel A. Pacurari, M.A., Counseling Coordinator

Karen D. Randen, Landscape Supervisor/Office Manager

Stephen C. Ricketts, B.S., Resident Director, Woodlee-Ewing Hall

Abigail S. Ryan, B.A., Chapel Administrative Assistant/Event Services Technician

Timothy D. Shetter, B.S., Assistant Dean of Students/Director of Intramurals

Renee Shook, Environmental Services Supervisor

Tommy Shook, General Maintenance & Repair Worker

John Sterling, J.D., College Safety & Security

Officer/Associate Professor of Criminal Justice & Government

Jenny Swafford, M.S., Resident Director, Robinson Hall

Jimmy Swafford, General Grounds and Fleet Worker

Kelly Townsend, Landscaping

Kimberle C. Tuttle, M.S., Administrative Assistant to Dean of Students

Mick Walker, Grounds Supervisor

Joshua Watkins, B.A., Resident Director, Long Hall

## Athletics

**Michael Keen**, Director of Athletics/Head Fishing Coach  
Eric Kwame Appiah, M.A., Head Women's Soccer Coach  
Eric Best, B.S., Head Shooting Team Coach  
Joshua S. Bradley, B.A., Head Cross Country/Track & Field  
Coach  
Jeremy Davidson, B.S., Head Men's Soccer Coach  
Jessica Day, B.S., Head Women's Volleyball Coach  
Jordan Day, B.S., Assistant Baseball Coach/Field Manager  
Jacob Goins, Head Golf Coach  
David Holcomb, B.A., Head Martial Arts Coach  
Troy Holland, M.A.T., ATC, Athletic Trainer

Bryon Lawhon, Assistant Basketball Coach  
Clint McAuley, M.S., Head Baseball Coach  
Michaela McGuire, B.S., ATC, Athletic Trainer  
Janice Perron, Cheerleading Coach  
Donald K. Rekoske, M.A., Head Men's Basketball Coach  
Mark D. Ritchhart, B.S., Head Softball Coach  
Wesley Sanders, B.S., Sports Information Director  
Sean Shelton, M.A.T, ATC, Director of Sports Medicine  
Jason Smith, B.S., Head Women's Basketball Coach  
William A. Tholken, B.S., Assistant Athletic Director

# FACULTY OF INSTRUCTION

## Faculty Emeriti

**John C. Anderson, Th.D.**, *Professor Emeritus of  
Ancient Languages*

**Bernard Belisle, M.S.**, *Assistant Professor Emeritus of  
Performing Arts*

**Martin E. Hartzell, Ph.D.**, *Professor Emeritus of  
Biology*

**Maribeth Impson, Ph.D.**, *Professor Emerita of English*

**David Luther, D.M.A.**, *Professor Emeritus of Music*

**Sigrid Luther, D.M.A.**, *Professor Emerita of Music*

**Robert J. Simpson, Ph.D.**, *Professor Emeritus of  
Mathematics*

**Robert W. Spoede, Ph.D.**, *Professor Emeritus of  
History & Social Science*

**Jack Traylor, Ph.D.**, *Professor Emeritus of History*

**Alan N. Winkler, Th.M.**, *Assistant Professor Emeritus  
of Bible*

## Full-time Faculty

**Paul C. Boling, Ph.D.**, *Professor of Christian Thought &  
Philosophy, 1995*

B.A., University of California, Berkeley, 1969

Th.M., Dallas Theological Seminary, 1973

M.A., University of Tennessee, Knoxville, 1980

Ph.D., University of Tennessee, Knoxville, 1989

**Jeffrey R. Bruehl, Ph.D.**, *Professor of Business, Bryan  
College Online, 1990*

B.S., Bryan College, 1976

M.B.A., Illinois State University, 1987

Ph.D., University of Tennessee, Knoxville, 1996

**Vaughn A. Cardona, D.M.A.**, *Assistant Professor of Music,  
2015*

B.A., Transylvania University, 2008

M.M., Colorado State University, 2011

D.M.A., Louisiana State University, 2014

**David C. Che, Ph.D.**, *Professor of Engineering/Department  
Chair of Engineering, 2019*

B.S.E., Harbin Institute of Technology, China, 1988

M.S., Ohio State University, 1991

Ph.D., University of Michigan, 1995

**C. Judson Davis, Ph.D.**, *Professor of Greek/Chair,  
Department of Christian Studies, 2006*

B.A., University of Georgia, 1985

M.A., Trinity Evangelical Divinity School, 1989

Ph.D., University of Sheffield, Sheffield, England, 1993

**Neal A. Doran, Ph.D.**, *Professor of Biology, 2014*

B.S., University of Florida, 1989

M.A., University of Florida, 1994

M.S., University of Cincinnati, 2000

Ph.D., Florida State University, 2003

**Reginald E. Ecarma, Ph.D.**, *Professor of Communication,  
2015*

B.A., University of Louisville, 1985

M.A., Regent University, 1992

Ph. D., Regent University, 1998

**Olivia Ellis, D.M.A.**, *Associate Professor of Music, 2014*

B.M., Carson-Newman University, 2009

M.M., University of Tennessee, Knoxville, 2011

D.M.A., University of Oklahoma, 2016

**Daniel B. Gates, D.B.A.**, *Assistant Professor of Business,  
2016*

B.S., Florida Institute of Technology, 2000

M.B.A., University of Phoenix, 2010

D.B.A., Argosy University, Phoenix, 2015

**Keith D. Goforth, Ph.D.**, *Associate Professor of Psychology,  
2017*

B.S.W., Middle Tennessee State University, 1991

M.A., Southwestern Baptist Theological Seminary, 1994

Ph.D., University of Tennessee, Knoxville, 2003

**Stephanie M. Hartz, Ph.D.**, *Professor of Biology, 1999*

B.S., Towson University, 1989

Ph.D., University of Maryland, 1998

**Peter A. Held, Ed.D.**, *Professor of Christian Studies/Senior  
Fellow for Christian Worldview/Faculty at Large, FLC,  
1994*

B.S., John Brown University, 1971

Th.M., Dallas Theological Seminary, 1975

M.A.E., University of Alabama at Birmingham, 1988

Ed.D., University of Alabama, 1994

**Brian D. Hill, D.A.**, *Professor of Chemistry, 1994*

B.A., University of Pennsylvania, 1985

M.A., University of Virginia, 1988

D.A., Middle Tennessee State University, 1999

**Benton B. Jones, M.B.A.**, *Assistant Professor of Business/Acting Chair, Department of Business, Communication & Economics/Vice-Chair of the Faculty, 2011*

A.S., Chattanooga State, 2005

B.S., Bryan College, 2007

M.B.A., Bryan College, 2010

**Wendell M. Jones, Jr., Ph.D.**, *Professor of English, 1992*

B.A., University of Tennessee, Chattanooga, 1979

M.A., University of North Carolina, 1985

Ph.D., University of North Carolina, 1997

**Kimberly A. Keck, D.M.A.**, *Associate Professor of Music, Chair, Department of Performing Arts, 2007*

B.M., University of Tennessee, Knoxville, 1991

M.M., University of Tennessee, Knoxville, 1993

D.M.A., Boston University, 2018

**Alexis K. Landry, M.A.**, *Instructor of Theatre, 2018*

B.S., Bryan College, 2013

M.A., Louisiana Tech University, 2017

**Alice D. Lawrence, Ph.D.**, *Associate Professor of Biology/Chair, Department of Biology, 2012*

B.S. Bob Jones University, 1988

M.S., University of Tennessee, Knoxville, 2007

Ph.D., University of South Carolina, 1992

**Raymond E. Legg, D.A.**, *Professor of English/Chair, Department of Humanities/Director of Study Abroad, 1995*

B.A., Northeastern Illinois University, 1981

M.Div., Trinity Evangelical Divinity School, 1985

M.A., University of Tennessee, Chattanooga, 1993

D.A., Middle Tennessee State University, 1996

**Jonathan R. Newman, Ph.D.**, *Assistant Professor of Economics & Finance, 2017*

B.A., Samford University, 2010

M.S., Auburn University, 2014

Ph.D., Auburn University, 2016

**H. Dwight Page, Ph.D.**, *Professor of Languages and Linguistics, 2008*

B.A., Davidson College, 1975

M.A., Harvard University, 1976

Ph.D., Harvard University, 1980

**Michael R. Palmer, M.A.**, *Associate Professor of Communication Studies/Chair of the Faculty/Faculty at Large FLC, 1998*

B.A., Southeastern Bible College, 1976

M.A., Bethany Nazarene, 1985

**David E. Perron, Ed. D.**, *Associate Professor of Exercise and Health Science/Chair, Department of Exercise & Health Science/Assistant Fishing Coach, 2008*

B.A., Cornerstone University, 1985

M.S.S., United States Sports Academy, 1992

Ed. D., United States Sports Academy, 2017

**T. Andrew Randle, Ph. D.**, *Professor of Christian Ministry, 2002*

B.M., Belmont College, Nashville, 1992

M.A., Reformed Theological Seminary, 1997

Ph.D., Southern Baptist Theological Seminary, 2002

**Travis H. Ricketts, Ph.D.**, *Professor of History, & Politics & Government, 1995*

B.A., University of Arkansas, 1988

M.A., Kansas State University, 1990

Ph.D., Kansas State University, 1998

**Clark C. Rose, Ph.D.**, *Professor of Psychology, Chair, Department of Psychology, Faculty Athletic Representative, 1998*

B.A., University of Tennessee, Knoxville, 1989

M.S., University of Tennessee, Knoxville, 1992

Ph.D., University of Georgia, Athens, 1999

**Yvonne C. Rose, M.S.**, *Assistant Professor of Exercise & Health Science, 2015*

B.S., University of Tennessee, Chattanooga, 1984

M.S., University of Tennessee, Knoxville, 1992

**M. Lynn Russell, M.A.**, *Instructor of English, 2018*

B.A., Bryan College, 2016

B.S., Bryan College, 2016

M.A., University of South Florida, 2018

**Kathryn A. Saynes, Ed.D.**, *Professor of Education/Chair, Department of Education, 2008*

B.S., Bryan College, 2004

M.A., Tennessee Technological University, 2006

Ed.D., Tennessee Technological University, 2013

**Hannah L. Schultz, J.D.**, *Assistant Professor of History, Government, & Justice/Title IX Coordinator, 2014*

B.A., Virginia Intermont College, 2000

M.A.R., Liberty University, 2004

J.D., Liberty University, 2009

M.B.A., Liberty University, 2010

M.A., Central Michigan University, 2014

**Lyle C. Smith, III, Ph.D.**, *Associate Professor of Mathematics & Physics/Chair, Department of Mathematical & Physical Sciences, 2016*

B.S., Virginia Tech, 1995

M.S., Virginia Tech, 1997

M.Div., Southern Baptist Theological Seminary, 2005  
M.S., University of Louisville, 2005  
Ph.D., University of Louisville, 2015

**Jamie L. Summerville, Ph.D.**, *Professor of Mathematics*,  
2018

B.S., Murray State University, 1988  
M.S., Murray State University, 1990  
Ph.D., University of Mississippi, 1997

**Jennifer S. Williams, Ed.D.**, *Assistant Professor of Education*,  
2019

B.S., Tennessee Technological University, 1997  
M.A., Tennessee Technological University, 2000

Ed.D., Carson-Newman University, 2019

**Britney M. Wyatt, M.B.A.**, *Instructor of Business*, 2018  
B.A., University of Alabama, Birmingham, 2008  
M.B.A., Bryan College, 2016

**T.J. Zinke, M.S.**, *Instructor of Exercise & Health Science*,  
2019

B.S., Wheaton College, 2011  
M.S., University of Tennessee, Chattanooga, 2014

## Administrative Faculty

**Zeb Balentine, D.W.S.**, *Assistant Professor of Christian  
Ministry/Worship Arts/Director of Campus Worship*,  
2018

B.A., Central Baptist College, 2008  
M.A., Liberty University, 2014  
D.W.S., Liberty University, 2017

**Kevin L. Clauson, J.D.**, *Professor of Government & Law/Co-  
Director for Center for Faith, Freedom & the  
Constitution*, 2009

B.S., Marshall University, 1978  
B.A., Marshall University, 1978  
J.D., West Virginia University, 1982  
M.A., Marshall University, 1984

**Gary N. Fitsimmons, Ph.D.**, *Director of Library  
Services/Professor of Information Literacy*, 2009

B.A., Oral Roberts University, 1978  
M.L.S., Texas Women's University, 1990  
Ph.D., Texas Women's University, 2005

**K. Daniel Gleason, Ph.D.**, *Associate Professor of  
English/Writing Center Director/Faculty at Large FLC/  
Director, Center for Undergraduate Research*, 2013

B.A., Bryan College, 2005  
M.A., University of Tennessee, Chattanooga, 2011  
Ph.D., Indiana University of Pennsylvania, 2018

**LaVonne M. Johnson, M.L.S.**, *Public Services  
Librarian/Assistant Professor of Library Science*, 1987

B.R.E., Reformed Bible College, 1974  
M.S.L., Western Michigan University, 1982

**Scott W. Jones, Ph.D.**, *Professor of Christian Ministry/Dean,  
Bryan College Honors Institute*, 2007

A.A., Hinds Community College, 1989

B.S., University of Southern Mississippi, 1991  
M.Div., New Orleans Baptist Theological Seminary, 1994  
D.Min. Reformed Theological Seminary, 1999  
Th.M., New Orleans Baptist Theological Seminary, 2002  
Ph.D., New Orleans Baptist Theological Seminary, 2005

**Stephen D. Livesay, President**

B.S., Bob Jones University, 1976  
M.A., Oakland University, 1980  
Ph.D., University of Michigan, 1988

**Douglas F. Mann, Ph.D.**, *Vice President for Academics &  
Provost*, 2018

B.A., Bryan College, 1992  
M.A., Trinity International University, 1997  
Ph.D., University of Georgia, 2005

**Thomas Marshall, Ph.D.**, *Dean, Vogel School of  
Engineering/Professor of Engineering*, 2018

B.S., Ohio University, 1991  
M.S., Loyola Marymount University, 1994  
M.Div., The Southern Baptist Theological Seminary, 2012  
Ph.D., Oregon Health & Science University, 2000

**Janet M. Piatt, M.S. Ed.**, *Registrar*, 1992

B.A., The King's College, 1982  
M.S. Ed., Fordham University, 1991

**Adina Scruggs, D.B.A.**, *Associate Vice-President of  
Academics/Dean, School of Professional Studies/  
Associate Professor of Business/Secretary of the Faculty*,  
2005

B.S., Bryan College, 1991  
M.B.A., University of Tennessee, Chattanooga, 1998  
D.B.A., Argosy University, 2009

**John A. Sterling, J.D.**, *Associate Professor of Criminal Justice & Government/Director of College Safety & Security, 2014*

A.A., Barton County Community College, 1984

B.S., Regis University, 1991

M.A., Regent University, 1999

J.D., Regent University, 1999

**Kevin W. Woodruff, M.S.I.S.**, *Special Collections & Projects Librarian/Instructor of Christian Studies, 2015*

B.S., Tennessee Temple University, 1986

M.Div., Tennessee Temple University, 1992

M.S., University of Tennessee, Knoxville, 2002

**Samuel D. Youngs, Ph.D.**, *Associate Dean, Academics/Associate Professor of Christian Studies/Accreditation Liaison/Coordinator of State & Regional Compliance, 2012*

A.A., State College of Florida, 2006

B.A., University of South Florida, 2008

M.A.R., Gordon-Conwell Theological Seminary, 2011

Ph.D., Kings College, University of London, 2017

## Affiliate Faculty

**Michael Chase, Ed. D.**, *Associate Professor of Business, Bryan College Online, 2010*

B.A., Spring Arbor College, 1978

M.S.A., Central Michigan University, 1996

Ed. D., Argosy University, Sarasota, 2006

**Trellany Evans, D.B.A.**, *Associate Professor of Business/Healthcare Administration, Bryan College Online, 2017*

B.S., South Carolina State College, 1980

M.B.H.A., Pfeiffer University, 1997

D.B.A., Northcentral University, 2012

**Aubrey Statti, Ed. D.**, *Associate Professor of Applied Psychology, Bryan College Online, 2015*

B.A., University of Florida, 2005

M.A., Liberty University, 2008

Ed.D., Liberty University, 2011

## Adjunct Faculty

For the most current listing of adjunct faculty please refer to [www.bryan.edu/academics/faculty/adjuncts/](http://www.bryan.edu/academics/faculty/adjuncts/).

# **CAMPUS LIFE**

## **SOCIAL LIFE**

Social life includes a variety of spontaneous get-togethers, as well as many scheduled events and activities. Many students enjoy hiking in the rugged Tennessee mountain countryside or driving to Chattanooga for an evening of movies, dinner, or spending time in the aquarium district. Water skiing, snow skiing, rafting, Christian concerts, class outings, banquets, and many other functions are planned by the Student Government Association, the classes, or other groups.

The Bryan Fine Arts Concert Series and other cultural groups in nearby Chattanooga provide excellent programs available to Bryan students and faculty. The Bryan Chorale, for example, is open to students on the basis of auditions. It provides students with musical training and fellowship. This choir, under the supervision of the director, regularly takes a tour of several days duration in the spring and sings on various occasions during the school year. The Chamber Singers, a select musical ensemble, sings light classics, spirituals, and madrigals. These highly trained singers are in popular demand for high school assemblies, special banquets, fraternal groups, and music festivals.

Hilltop Players, the campus drama organization, provides cultural enrichment and entertainment for the student body as well as the local community. The playbill for the year usually consists of three productions per year (two main stage productions and one Dessert Theatre production).

Supervised residence halls provide a living environment in which students develop a strong sense of community, receive encouragement, care, support, and guidance, and are given opportunity to serve others. Resident Directors, who are assisted by student Resident Assistants, supervise residence halls. Together, this staff seeks to identify and meet students' needs through individual counseling, group activities, Bible studies, and educational programming. Bryan College complies with federal laws regarding the maintenance of campus crime reports, and such information is available through the Office of Student Life.

## **STUDENT LEADERSHIP**

Opportunities for experience in the area of leadership are abundant at Bryan College. Whether leading a group of students on a week-long mission trip, teaching a Bible study, organizing a student government meeting, or planning a campus-wide activity, Bryan students gain invaluable insight for future leadership in the marketplace. Particular attention is given to leadership development of those in student leadership positions. Under the guidance of the Director of Leadership & Culture and the BCLI program (Bryan College Leadership Institute) there is ongoing leadership development. Students in the BCLI program have opportunities to minor in leadership. Training includes meeting regularly with the Director of Leadership & Culture, attending leadership workshops and conferences, and getting involved in student leadership positions on campus.

## **STUDENT GOVERNMENT ASSOCIATION (SGA)**

SGA is a leadership team of students elected or appointed by the student body to provide various opportunities and services throughout the school year. The responsibilities of SGA members include providing spiritual, intellectual, emotional, and social growth opportunities (chapels, concerts, bible studies, banquets, etc.). Another major focus area of SGA is to cooperate with the administration in meeting various needs of the student body as they arise. Facilitating communication within the student body, to the faculty, administration, alumni, and the surrounding community is a vital service to the College. Through these different areas of ministry, SGA seeks to develop the leadership of its members and provide beneficial services to the College ultimately to the glory of God.

## **INTRAMURALS**

The intramural program promotes wholesome recreation throughout the school year by providing a sequence of athletic competitions. It is designed to give every degree-seeking student in the traditional undergraduate programs an opportunity to participate in the sport of his or her choice. Competition is carried on among class teams and by sign-ups. Volleyball, basketball, flag football, soccer, ultimate Frisbee, and Ping-Pong/pool tournament are the principal sports in the intramural program.

## ATHLETICS

Men's varsity competition is carried on in baseball, basketball, cross-country, golf, soccer, and track & field. Women's varsity sports include basketball, cross-country, golf, soccer, softball, track & field, and volleyball. Students participating in intercollegiate sports are required to maintain institutional standards for participation with a minimum of 12 hours per semester. Bryan is a member of and follows the eligibility regulations established by the National Association of Intercollegiate Athletics (NAIA) and is part of the Appalachian Athletic Conference.

Only students currently enrolled in the traditional undergraduate programs and eligible by both Bryan College and NAIA standards may be considered qualified students and allowed to participate in intercollegiate athletic programs at Bryan College. Exceptions may be made for students enrolled in Bryan College graduate programs, who are otherwise eligible to participate in athletics.

Bryan College complies with the "Equity in Athletics Disclosure Act" (EADA) and such data is available through the Office of Intercollegiate Athletics and the Office of Admissions and Financial Aid.

## CAREER SERVICES

Career Services at Bryan College offers a variety of resources to Bryan College students and alumni. The Career Center hosts a variety of events that aid in the preparation for life after Bryan which include:

- Mock Interview Day
- Etiquette Dinner
- Networking Events
- Graduate School Fair
- Military Career Fair

Beyond these events, the Career Center offers assistance in resume and cover letter writing, career planning, and education related to personal finances.

These services are available to both residential and online students. Resources and services such as curated job boards, resume and cover-letter writing, and career planning are easily delivered online or via telephone to allow flexibility for those who cannot easily visit the campus.

## SPIRITUAL GROWTH OPPORTUNITIES

At Bryan College, education is about the whole person. Ultimately, spiritual growth is the work of the Holy Spirit to bring Christians into increasing maturity in all aspects of their lives. This value has strong expression in the emphasis placed on relationships at Bryan. Faculty and staff pursue relationships with students that are meant to incite growth in students with God, within relational communities and themselves.

### Campus Worship

Chapel exists as a regular corporate gathering of the Bryan community for spiritual nurture, worship, and worldview development. A wide variety of guests speak in chapel, offering rich teaching from the Word of God and significant wisdom from their life experiences. As a part of the spiritual growth strategy at Bryan, chapel is held three times a week. In addition to chapels, the college designates one day each year as a Day of Prayer in addition to other initiatives aimed at encouraging students to put their faith into action. Leadership opportunities exist for students to participate in chapels through the Worship Leadership Team. *Devotion*, Bryan's traveling worship arts team, and other student worship teams are sent out to churches and other organizations in order to provide worship opportunities in other communities. Students who feel called to leading worship can take courses to obtain a minor in Worship Arts or pursue a major in Christian Ministries with an option in Worship Arts.

## Outreach Ministries

At Bryan College, James 1:27 is taken seriously: “Religion that is pure and undefiled before God, the Father is this: to visit orphans and widows in their affliction...” Practical Christian Involvement (PCI) provides opportunities for students to put their faith into practice on a regular basis. A variety of ministry opportunities are available for students through PCI and PCI is open to adding additional ministries as students feel led to serve our Lord in new and different ways. While most PCI ministries are conducted locally, Break for Change provides opportunities for students to minister during their spring break at other locations both nationally and internationally.

## Worldview Formation

Students today wrestle with deep questions related to life and reality. They want to believe and love the truth, and this in a world characterized by virtual relationships, cut-and-paste spirituality, and the exodus from the church. Worldview Formation exists to cultivate a generation of students who love God, live the gospel, and shape their communities in deeply redemptive ways specifically in the midst of challenging questions. Discussion groups, relationships, and other opportunities are available throughout the year for Bryan students. As a part of Worldview Formation, the Worldview Initiative accomplishes these values by involving a selected group of Bryan students in specialized worldview training and shaping them into a team that travels and hosts worldview formation events at Christian high schools around the country.

## COUNSELING

There are times when life can feel a bit more challenging than a normal relational context can address. To address these times, counseling is available to students through the Department of Counseling. Both individual and group counseling opportunities offer space for the Holy Spirit to use Scripturally-informed conversations to move people towards deeper wholeness in Christ. Confidential appointments can be made by contacting the office.

### Process for Handling Complaints

The complaint process is most effective when individuals work through the respective campus channels before utilizing the Bryan College complaint system. Examples of these initial channels would be faculty, academic advisers, Resident Assistants and Resident Directors. If such initial channels do not resolve the complaint, the following system should be utilized.

Please note that complaints presented to the following constituencies should be in *written form*. This is to protect all parties in a legal sense, and also to ensure that the nature of the complaint is clear, intelligible, and orderly. When submitting a written complaint, please ensure that your writing is straightforward and that its purpose is clear: “I am writing to formally complain about...”

- ❖ Complaints relating to Bryan College Student Life please refer to the Office of the Dean of Students – [OSL@bryan.edu](mailto:OSL@bryan.edu) - 423.775.7233.

- ❖ Complaints relating to Bryan College academics, including distance education, please refer to the Vice President for Academics – [Provost@bryan.edu](mailto:Provost@bryan.edu) – 423.775.7208. See also “Appeals Process”.

- ❖ Complaints or concerns relating to campus safety please refer to the information on the Campus Security webpage: [www.bryan.edu/life-at-bryan/security/](http://www.bryan.edu/life-at-bryan/security/). Should this not resolve the issues, contact the Director of Campus Safety and Security - 423.775.0170.

- ❖ Complaints or concerns relating to possible violations of Title IX policy should be directed to our Title IX Coordinator – 423.775.2041.

*The Bryan College Student Handbook gives more detail on aspects of the Complaint System at Bryan College:*  
[www.bryan.edu/students/orientation/handbook/](http://www.bryan.edu/students/orientation/handbook/)

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**Time Limitations:** It is a fundamental presumption of the Bryan College complaint system that both students and relevant college administrators will work in good faith to resolve issues raised in complaints. To that end, students are expected to write and send their complaints within a reasonable timeframe of the emergence of the given issue (generally 90 days). The institution similarly commits to resolving the complaint within 90 days of receiving it in writing from the student. *(Note that if the nature of the complaint is substantially altered through further information being introduced in the course of resolution, this timeframe may be “reset” to allow for due consideration of the new information.)*

**Procedure:** Once a written complaint is received through one of the channels designated above, the constituent who receives the complaint may take various actions to gain clarity on the nature of the complaint. Such actions may include emailing the student for more information; discussing the complaint verbally with the student; or discussing the complaint with other parties (should they be implicated in the complaint). Every reasonable effort will be made to protect the privacy of all involved parties.

Once the constituent has clarified the issues pertinent to the complaint, a **direct resolution** will be proposed by the relevant institutional office. The student can either accept this resolution **or appeal to a Committee for additional consideration**—the student will have seven days from the receipt of the direct resolution to indicate a desire to appeal to a Committee. (This seven-day period will be included in the total 90 day resolution timeframe.) If the appeal goes to a Committee (e.g. Academic Appeals Committee; Disciplinary Committee), the decision of the Committee is final and concludes the institutional complaint procedure.

In all cases, students will be notified in writing of the outcome of their complaint. The right of appealing the institutional decision may be exercised in relation to any agency that grants accreditation/authorization to Bryan College, including:

**Southern Association of Colleges and Schools**

Commission on Colleges  
1866 Southern Lane  
Decatur, GA 30033  
404-679-4500  
<http://www.sacscoc.org/pdf/081705/complaintpolicy.pdf>

**Tennessee Higher Education Commission**

404 James Robertson Parkway Suite 1900  
Nashville, TN 37243  
615-741-3605  
[https://www.tn.gov/content/dam/tn/thec/bureau/student\\_aid\\_and\\_compliance/dpsa/Complaint\\_Form\\_\(Rev.\\_12.16\)\\_1-26-17.pdf](https://www.tn.gov/content/dam/tn/thec/bureau/student_aid_and_compliance/dpsa/Complaint_Form_(Rev._12.16)_1-26-17.pdf)

**Georgia Nonpublic Postsecondary Education Commission**

2082 East Exchange Place  
Suite 220  
Tucker, Georgia 30084  
<https://gnpec.georgia.gov/student-complaints>

**Complaint Resolution Policies and Procedures for Non-Tennessee Resident Students in State Authorization Reciprocity Agreement States**

Student complaints relating to consumer protection laws that involve distance learning education offered under the terms and conditions of the State Authorization Reciprocity Agreement (SARA), must first be filed with the institution to seek resolution.

Complainants not satisfied with the outcome of the Institution's internal process may appeal, within two years of the incident about which the complaint is made, to the Tennessee Higher Education Commission (<https://www.tn.gov/thec/bureaus/student-aid-and-compliance/postsecondary-state-authorization/request-for-complaint-review.html>).

For purposes of this process, a complaint shall be defined as a formal assertion in writing that the terms of SARA or the laws, standards or regulations incorporated by the SARA Policies and Standards (<http://www.nc-sara.org/content/sara-manual>) have been violated by the institution operating under the terms of SARA.

For a list of SARA member States, please visit the NC-SARA website (<http://nc-sara.org/sara-states-institutions>). Students residing in non-SARA states should consult their respective State of residence for further instruction for filing a complaint.

# **ADMISSIONS INFORMATION**

## **Traditional Undergraduate Programs**

# ADMISSIONS PROCESS

## TRADITIONAL UNDERGRADUATE PROGRAMS

The following policies pertain to the traditional undergraduate program, defined as being comprised of undergraduate, degree seeking students enrolled in on-site classes located on the main campus of Bryan College in Dayton, Tennessee. For other admissions criteria please refer to the appropriate section of the catalog. These would include Bryan College Online, graduate programs and online enrollment for dual enrolled high school students.

Bryan College welcomes applications from students who have a commitment to academic scholarship, spiritual development, and outstanding character. The admissions process begins when the completed application is submitted to the Office of Admissions at <https://apply.bryan.edu/>. Applicants are also required to submit official transcripts or GED scores and official ACT, SAT or CLT scores. Bryan College accepts CLT scores for acceptance, however CLT scores may not be recognized for state grants or athletic certification. The applicant's personal application portal is designed to lead him through the process of submitting test scores, transcripts, and essay or interview. Each component of the prospective student's file is carefully reviewed, and when it is complete the student is notified of Admissions' decision. Compatibility with the lifestyle of the Bryan Community as evidenced by relevant applicant statements, essay or interview, and references when required, is also important to success at Bryan College. To assist families and students, each prospective student is assigned an admissions staff member who will assist the student through the admissions and the financial aid processes. Admissions decisions are made on a rolling basis and students are encouraged to apply as early as the spring of their junior year of high school. By applying early, all deadlines which occur throughout the senior year can easily be met. While faxed copies of certain documents may be used during the admissions process, they are not substitutes for required official documents. Official score reports and transcripts must be submitted to the Office of Admissions in order for a student to be considered for official acceptance.

Applicants who knowingly submit inaccurate, misleading, and/or falsified documents, which would include the omission of information and/or documents, during the admission process will result in a denial of admission. Additionally, a letter of acceptance, if already communicated, will be rescinded and the student will not be allowed to enroll at the college.

To reserve their place in the entering class, applicants who have been granted acceptance should remit a \$100 enrollment deposit by May 1 (December 1 for spring entrance.) Enrollment deposits received from applicants are refundable through May 1 (December 1), after which there is no refund.

As students continue through their degree program, the deposit is retained in a special account in individual students' names until the final semester of enrollment, when it is credited to the students' accounts. Students enrolled in the fall semester who fail to notify the Office of Student Life before December 15 that they do not plan to re-enroll for the spring semester or who withdraw within the first two weeks of classes forfeit the \$100. Students enrolled in the spring semester who fail to notify the Office of Student Life before July 1 that they will not enroll in the fall or who withdraw within the first two weeks of classes will forfeit the \$100.

In order to guarantee a room in the residence halls, applicants who have been granted acceptance and have submitted an enrollment deposit of \$100 must also remit a \$100 housing deposit. Housing deposits are credited directly to the student's account and are non-refundable. Students will be placed in available rooms in the order in which housing deposits are received. Commuters are not required to submit a housing deposit.

## ENTRANCE REQUIREMENTS

Students may enroll at Bryan College after they have been granted clear admission or conditional admission.

# New College Freshmen

## Clear Admission

Clear admission is granted to applicants who have graduated from high school and who have the following minimum academic achievements.

High School GPA of 2.50 with one of the following:

- ACT composite score of 18
- or redesigned SAT score of 960-980 on 1600 scale
- or CLT score of 62

### OR

High School GPA of 2.00 with one of the following:

- ACT composite score of 20
- or redesigned SAT score of 1030-1050 on 1600 scale
- or CLT score of 66

The student's high school record should consist of a minimum of 18 units including the following recommended areas: English (four units), science (three units), mathematics (three units), social science/humanities (three units), and foreign language (two units). Additionally, for clear admission, a minimum TOEFL (Test of English as a Foreign Language) score of 75 on the internet based test (iBT) with no subscore below 17 is required of those applicants for whom English is a second language. The paper based version (PBT) of the TOEFL is not accepted. Minimum scores on the ACT and/or SAT, or alternative tests, as determined by the college, may be accepted as proof of English language proficiency in lieu of TOEFL scores.

## Conditional Admission

Conditional admission may be given to applicants who do not meet the requirements for clear admission if the Admissions Committee judges the applicant to have potential for success at Bryan College. Conditional status is intended to signal a need for special counsel and assistance and is not punitive. Freshmen admitted on academic condition or earning marginal scores on relevant subtests of the ACT will be limited in the number of semester hours that they may take during the first semester. For more details please refer to the Academic Information section under Satisfactory Academic Progress.

## Early Acceptance

Early acceptance (acceptance prior to graduation from high school for enrollment after high school graduation) is granted to high school seniors who present a three-year high school transcript with satisfactory grades and course distribution and satisfactory ACT/SAT test scores. Files are reviewed for official acceptance once all necessary final and official documents have been received. Admission to degree candidacy is subject to receipt of confirmation of high school graduation with satisfactory grades.

## Early Admission

The Admission Committee may grant early admission for the fall semester to an applicant who has completed the junior year of high school. Each early admission application will be carefully reviewed based on the admission criteria and the recommendation of the sending high school. Only those applicants who show definite potential for success will be admitted. If an early admission applicant is not accepted for early admission, the application may be transferred to a later date for regular admission upon completion of high school.

The early admission student is a regular degree candidate whether or not a high school diploma is granted but must maintain the same standards for continuance as other students. The early admission student using Bryan College courses to complete high school requirements is not eligible for financial aid.

# Transfer Students

## Clear Admission

Applicants who have completed 12 or more semester hours of college level credit, excluding remedial and developmental courses, *after* high school graduation are considered transfer students for the purpose of Admissions requirements. Those applicants who previously enrolled at another college since high school graduation but have completed fewer than 12 semester hours enter Bryan College under the New College Freshmen guidelines.

Clear admission is granted to transfer students on the basis of information outlined under the New Student Freshmen guidelines above as well as previous college records. An official transcript must be received from each college attended.

Clear admission is also granted to transfer students with a cumulative grade point average of 2.0 on a 4.0 scale in at least 24 hours of transferrable coursework completed after high school at regionally accredited colleges without regard for New Student Freshmen high school requirements. Remedial and developmental courses will not be considered as part of a student's cumulative grade point average. International students who have met the transfer requirements in entirety through enrollment at a regionally accredited college or university in the United States may also waive the TOEFL requirements.

## Conditional Admission

A transfer student who does not meet the academic standards for clear admission may be granted conditional admission and placed on academic probation if the Admissions Committee judges the applicant to have potential for success at Bryan College. A student so admitted is subject to all restrictions placed on conditional students. For more details please refer to the Academic Information section under Satisfactory Academic Progress.

## Articulation Agreement with Tennessee's Public Community Colleges

Bryan College accepts the Board of Regents approved transfer associate degree from public community colleges in the state of Tennessee. Students earning these degrees are granted 60 semester credits and junior standing upon admission to Bryan's traditional undergraduate programs. Since some of Bryan's four-year degree programs require specific course work to be completed as core curriculum classes, students must complete these courses either as part of their associate degree or at Bryan College. (Students planning to transfer should carefully choose their core curriculum courses in consultation with their community college adviser and Bryan in order to ensure that the best selections are made in light of their intended four-year major. Students desiring to earn credit through non-traditional means should consult Bryan policies as well.) The College also requires completion of the Christian Studies core requirements as appropriate for a junior transfer plus the remaining coursework that students with a transfer associate degree must take to finish their baccalaureate program. All courses in the student's major – both lower and upper division – must have a grade of C- or higher. Though admitted with junior standing, graduation at Bryan within two additional years is not guaranteed.

## Classification of Transfer Students

Upon receipt by Bryan College of all transcripts of record of previous postsecondary studies, the Registrar will prepare a tentative evaluation of credits to be accepted for transfer and will assign the student a tentative classification. This tentative evaluation and classification will be reviewed and revised as necessary after the student has matriculated and met with the academic adviser. In the case of unconditional transfer, the evaluation and classification are then formalized. No transfer student will be classified as a senior, regardless of the amount of credit transferred, until the student has matriculated and has on record an approved application for graduation showing when and how all graduation requirements will be met.

In the case of conditional transfer, transfer credit becomes official and classification is formalized when the transfer student has successfully completed one full semester at Bryan earning at least 12 semester hours of credit with a cumulative GPA of 2.0 or above. If the student fails to complete successfully the first full semester at Bryan, the College reserves the right to reevaluate the tentative transfer of credit and to reclassify the student.

## Home School Students

Home-educated students must meet the standard entrance requirements stated previously for clear acceptance. Families should carefully choose their high school curriculum and use standardized tests to further measure academic progress. (See the recommended units under New College Freshmen) Parents are encouraged to join a local home school association, which proves very helpful in choosing curriculum, preparing transcripts, and keeping updated on the latest legislation. Contact the Office of Admissions for questions related to the transition from home school to college.

## Re-Admission Students

Former Bryan College students who left the College for one or more semesters (not including the summer term) and who wish to re-enroll must apply for re-admission at <https://apply.bryan.edu/>.

Students in good standing who interrupt their studies at Bryan **by prior arrangement** for one or two semesters to participate in study or practicum experiences as a part of their degree program are eligible to re-enroll. No re-admission application is required.

Students who were suspended for a specific period are eligible to apply for re-admission upon expiration of the suspension period. Students who were dismissed become eligible to apply for re-admission after a period of at least 12 months. The approval of the Vice President for Academics & Provost is required in the case of suspension or dismissal for academic reasons, and the approval of the Dean of Students is required in the case of suspension or dismissal for citizenship reasons.

Upon receipt of notice of acceptance, the former student who forfeited a deposit because of failure to give adequate notice of non-continuance must remit the \$100 enrollment deposit and \$100 housing deposit.

## International Students

Students who are not citizens of the United States apply for admission in the same manner as other students. In addition, they must meet any special requirements of their own country plus those of the United States Department of Homeland Security. Qualifications of applicants are considered on an individual basis. The International student must provide evidence of ability to meet education and living expenses before the College will send the I-20 form required by the United States Department of Homeland Security. For clear admission, a minimum TOEFL (Test of English as a Foreign Language) score of 75 on the internet based test (iBT) with no subscore below 17 is required of those applicants for whom English is a second language. The paper based version (PBT) of the TOEFL is not accepted. Bryan College does not offer courses in English as a second language. Minimum scores on the ACT and/or SAT, or alternative tests, as determined by the college, may be accepted as proof of English language proficiency in lieu of TOEFL scores. International students who have met the transfer requirements in entirety through enrollment at a regionally accredited college or university in the United States may also waive the TOEFL requirements.

International students who have post-secondary transcripts from outside of the United States that may apply toward a degree at Bryan are responsible for submitting those records to an agency that is approved by the National Association of Credential Evaluation Services (NACES) that will evaluate and translate the documents. The cost for this service is the responsibility of the student. Bryan College will need *official* transcripts in addition to the evaluation/translation.

## Veterans

The educational programs offered by Bryan College are approved by the Tennessee State Approving Agency for GI Bill educational benefits, Vocational Rehabilitation Program, and Educational Assistance to Children of Disabled Veterans. Veterans and eligible dependents of veterans follow the same procedures for admission as other students, but they must comply with the provisions of the law under which they apply for financial assistance. Students receiving benefits from the VA must be degree seeking students at Bryan College.

Bryan grants college credit for some training courses in the service. Students should submit a Joint Services Transcript (JST) for evaluation. For more information, contact the Office of the Registrar.

## Currently Enrolled or Former Online Students

Undergraduate, degree-seeking students who previously enrolled in Bryan classes online and wish to continue their education through traditional on-campus classes must meet the requirements for and be accepted into the traditional program. Contact the Office of Admissions for a review of the existing student records and instructions.

## Visiting Students

Anyone wishing to take one or more courses but not pursue a degree from Bryan College must submit an application. Apply online at <https://apply.bryan.edu>. Select the NON-DEGREE type of application. This includes dual-enrolled high school students and transient students who are enrolled elsewhere for their degree. Some courses may require additional documentation of test scores, GPA, or completed prerequisites.

Those who later desire to become degree-seeking students must meet the requirements for and be accepted into the traditional program and will need to complete a different admissions application. Degree seeking applicants should apply online at <https://apply.bryan.edu>. Select the UNDERGRADUATE type of application.

Visiting students include those individuals who enroll as full-time or part-time students but who will not be approved as degree candidates until they have met all entrance requirements placed upon new college students or transfer students. Though not required to be high school graduates, visiting students must be persons of suitable age, maturity, experience, and ability. Those desiring to become degree-seeking students must meet the requirements for and be accepted into the traditional program. Apply online at <https://apply.bryan.edu>. Select the *Undergraduate* type of application.

## Dual Enrollment

High school students taking courses through a dual-enrollment arrangement must be in their final two years of high school (normally referred to as a junior or senior), and must have at least a 3.0 high school grade point average. Students enrolled onsite or at a partner site must submit a form signed by a parent and school official attesting to the student's readiness for college-level coursework.

Dual enrolled students may take lower division courses for which they are qualified (courses numbered up to 299). Some courses have standardized placement test standards or college level prerequisites. Dual enrolled students are limited to 12 semester hours during the regular fall and spring semesters.

Dual enrolled students have seven terms of enrollment available to them during their final two years of high school beginning with the summer term *following* 10<sup>th</sup> grade. There are no grants/scholarships available to those who have already earned a high school diploma.

There are several dual-enrollment formats to choose from:

- Online courses – classes are entirely online
- Onsite courses - *Regularly* scheduled classes offered at the main campus in Dayton, TN, on a space available basis. (Tutorials, independent studies, private music lessons etc. are not available to visiting students.)
- Partner sites – Bryan College classes offered on select high school campuses.

Contact the Dual Enrollment Office for further details.

## Transient Students

Students who are enrolled in another college or university and do not wish to transfer to Bryan College in order to earn a degree may enroll as transient students. Enrollment under this condition is usually limited to one semester or 18 credit hours and students are usually enrolled in courses that will transfer to another institution and apply toward degree requirements. It is solely the student's responsibility to communicate with their home institution regarding transfer of credit from Bryan College. Students desiring to enroll in courses in which there are prerequisites must provide documentation, normally a transcript, to satisfy the prerequisite.

## CAMPUS VISITS

Students who are considering Bryan College are encouraged to visit the campus. High school juniors, seniors, and prospective transfer students are especially encouraged to participate in one of Bryan's campus visit events scheduled each academic year. The dates for these special programs are available online at [www.bryan.edu/visit](http://www.bryan.edu/visit). Those who are not able to visit at these times may visit the College during the academic year. The regular hours of the Office of Admissions are Monday-Friday 8:00 a.m.-5:00 p.m. Eastern Time.

Write or call the Office of Admissions at your convenience.

Switchboard phone number: 423-775-2041

E-mail address: [admissions@bryan.edu](mailto:admissions@bryan.edu)

Website: [www.bryan.edu](http://www.bryan.edu)

Toll-free phone number: 1-800-277-9522

Fax number: 423-775-7199

# **FINANCIAL AID**

## **Traditional Undergraduate Programs**

# POLICIES AND PROCEDURES

Student financial assistance at Bryan College is provided through scholarships, grants, loans, and student employment. The information that follows represents current College practices. Regulations and funding for federal, state, and College programs are subject to change, as Bryan College administers programs accordingly.

Student financial assistance is based on the premise that parents have the primary obligation to provide for the education of dependent children. Additional responsibility rests with the student to contribute to his or her own education from personal assets, earnings, and appropriate borrowing.

Merit and need are the basic principles of financial aid eligibility. Merit includes good citizenship, performance and leadership ability, and satisfactory academic progress. Need is the difference between what it costs to attend Bryan College and what the family is reasonably expected to pay toward these costs. Need is demonstrated through the information requested on the Free Application for Federal Student Aid (FAFSA). In addition, a report generated by the FAFSA is used by the College Office of Financial Aid to determine eligibility for federal loans, federal work-study, and federal and state grants. The applicant for federal aid is encouraged to apply online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

## General Policies

- College funded scholarships and grants are given to students who are enrolled full-time – fall and/or spring semester(s). To be considered full-time, a student must be enrolled each semester for a minimum of 12 credit hours. Students who receive college-funded scholarships and grants and drop below full-time status will have their awards revised.
- Awards are divided equally between the fall and spring semesters. If a student withdraws at the end of the fall semester, the spring awards are canceled.
- Although a student normally will depend on the continuance of aid, renewal is not automatic and is subject to standards and regulations governing the various programs. Students **must re-apply** for aid each year by completing the FAFSA. Current students may lose all or a portion of institutional aid if the priority deadline is not met.
- Any financial aid that is offered through a pre-award notification or an estimated or preliminary award letter, or any type of aid offered that requires subsequent eligibility confirmation or certification is not guaranteed and is subject to being reduced or revoked once final eligibility criteria can be evaluated.
- A student who loses federal, state or institutional aid eligibility in a particular term may regain eligibility in a future term if standards and regulations are once again met. Although the Financial Aid office makes every effort to accurately review eligibility at appropriate intervals, it is ultimately the responsibility of the student to notify the office when eligibility has been regained. No financial aid will be awarded retroactively.
- In the event a College scholarship or grant is revoked, the date of the cause for revocation determines the date of the revocation. However, a college award may be canceled retroactive to the beginning of the semester at the discretion of College authorities.
- If a student withdraws from the College, a student's Business Office account is settled in accordance to the College's "Refund Policy" as detailed under College Expenses in this *Catalog*. The withdrawal process includes an "Exit Interview" with the Financial Aid Office and/or the Business Office if the student's account has ever been credited with proceeds from a Stafford Loan.
- Any outside grants or scholarships received by a student must be reported to the Financial Aid Office and may require an adjustment to the student's financial aid package.
- International students are required to provide evidence of means of support for the first year of enrollment at Bryan College by completing the U.S. Department of Justice INS Form I-134. International students are not eligible for federal financial aid programs unless they are classified as an eligible non-citizen and possess an Alien Registration Number.

- Academic scholarships are awarded to entering students. Continuing students are not awarded new academic scholarships.
- Graduates of Bryan College may receive a 50% tuition remission on courses in the traditional undergraduate program after two academic years have elapsed since the alumni's graduation from Bryan College.
- A Visiting Student, who is not seeking a degree at Bryan College, is not eligible for federal financial aid.
- Audited courses will not count toward the enrollment status of a student for financial aid purposes.
- The spouse of a full-time student may take one course, a maximum of three hours, at a reduced fee.
- Bryan College Institutional Awards are available up to ten semesters, except as noted by scholarships or grant guidelines.
- Bryan scholarships or grants may be reduced 25% if a student lives off campus and not in the same residence as his/her parent(s) prior to the age of 22.
- Federal, state, and institutional grants and scholarships are assigned to tuition first, then room, then board.
- A cash refund will not be provided as a result of receiving any Bryan College scholarship or grant in combination with another Bryan College scholarship or grant, a federal grant, outside scholarship or a state scholarship or grant. If the total of the specified types of aid exceeds tuition, room and board (or tuition only for commuters) Bryan scholarships will be lowered in the amount of the overage.
- Bryan scholarships or grants may be replaced by other types of aid at the discretion of the Financial Aid Office.

## **SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID ELIGIBILITY**

Financial Aid recipients must demonstrate through their scholastic records that they are making satisfactory academic progress toward completion of their program(s) of study in order to maintain eligibility for enrolling in classes and receiving any form of federal, state, or College financial assistance. Academic progress for financial aid is measured at the end of each term utilizing qualitative and quantitative standards.

### **Credit Definitions**

Credits attempted are defined as all classes for which a student receives a passing grade (“D-”, or better, “P”, or “S\*”), or an “F”, “I”, “W”, “AW”, “NR” or “U\*”). Credits earned are defined as all classes for which a student receives a passing grade (“D-” or better, “P”, or “S\*”). Repeated courses count as credits attempted during each term the student is enrolled in the course; however, the highest grade will be counted once as credits earned. A student is allowed to repeat a successfully passed course one time and have the course count toward determining eligibility requirements. A passed course may be repeated more than once but financial aid will not be awarded based on enrollment in the course. A failed course may be repeated an unlimited number of times and continue to count toward financial aid eligibility until which time the course is passed twice or until the student fails to meet other criteria pertaining to satisfactory academic progress. Credits transferred from other institutions are awarded “CR” and are included in the qualitative and quantitative calculations.

## Qualitative Standards for Financial Aid Eligibility

This standard measures a student's quality of performance in terms of courses attempted and Bryan College cumulative grade point average (GPA), as shown below.

Credit Hours Attempted	Cumulative GPA
1-26	1.5
27-55	1.75
56 & above	2.0

## Quantitative Standards for Financial Aid Eligibility

This standard has two components: maximum time frame and course completion rate. The maximum time frame in which a student must complete a program of study cannot exceed 150 percent of the published program length measured in credit hours attempted. Example: A student pursuing a program that contains 120 hours would be allowed to attempt a maximum of 180 hours [ $120 \times 150$  percent ( $1.5$ ) = 180]. The number of hours attempted includes any transfer hours accepted from other institutions that are applied to the student's program of study. In conjunction with the maximum program length, students must successfully complete (measured as credit hours earned) at least 66.67 percent of all coursework attempted as they progress through their program of study. This is a cumulative process, illustrated as follows: A student has maintained satisfactory academic progress for the first two terms of enrollment. However, at the end of the third term the student's academic transcript indicates 45 hours attempted and 27 hours earned. The course completion rate is 60.0 percent (27 divided by 45). The student does not meet the required 66.67 percent standard and thus will be placed on Financial Aid Warning for the following term.

### Financial Aid Warning

A student who does not meet satisfactory academic progress standards is placed on Financial Aid Warning for one term, during which the student is eligible to receive financial aid. If the student meets the standards at the end of the probationary term, the student is removed from Financial Aid Warning status and maintains financial aid eligibility. If the student does not meet the standards at the end of the probationary term, the student is placed on Financial Aid Suspension.

### Financial Aid Suspension

A student on Financial Aid Suspension is not eligible for any form of federal, state, or College financial assistance and remains ineligible until satisfactory academic progress standards in Bryan College courses are met.

### Appeal Process

A student who feels mitigating circumstances existed which adversely affected the student's ability to maintain satisfactory academic progress may submit a written appeal within five business days of receiving notification of the suspension status. This appeal should be directed to the Director of Financial Aid. The Financial Aid Advisory Committee will be supplied with the written appeal and vote to grant or deny the appeal in a timely manner. The committee is chaired by the Director of Financial Aid as a non-voting member except in the eventuality of a tie. Other members include representatives from Student Life, Finance and a faculty representative. The student is

allowed to supply any documentation s/he feels will support the case and should be submitted with the written appeal. The committee votes by confidential ballot. If a student's appeal is approved by the Financial Aid Advisory Committee, the student will be placed on Financial Aid Probation for one term. After the Financial Aid Probation term the student must be making Satisfactory Academic Progress or must successfully follow an academic plan. If the student's appeal is not approved the student has no additional recourse.

## FEDERAL FINANCIAL AID

Bryan College participates in the Title IV Federal Financial Aid programs, including grants, work-study and loans. These programs are administered under all applicable federal regulations and guidelines. To explore all potential Federal Aid opportunities visit [www.studentaid.gov](http://www.studentaid.gov).

### Student Employment

Limited student employment is available through the Federal Work-Study Program. The average work assignment is eight hours per week with the minimum hourly wage at current minimum wage standards. However, actual job placement, hours worked, and amount earned cannot be guaranteed. Receiving a job is competitive and students must be hired by a supervisor. Students wishing to work but not eligible for the Federal Work-Study Program may apply as part-time, temporary employees of the College as well as apply for off-campus employment through the Office of Career Services.

## STATE FINANCIAL AID

### State Grants and Scholarships

Bryan College participates in all applicable scholarship and grant programs administered by the State of Tennessee within the regulations and guidelines set by the State. To explore all potential state aid opportunities visit [www.tn.gov/collegepays](http://www.tn.gov/collegepays).

## INSTITUTIONAL FINANCIAL AID

### Bryan College Scholarships and Grants

The Admissions Application is the application process for all Bryan College Scholarships and Grants. Presidential, Dean's, Director's and Transfer Scholarships are generally renewable for ten (10) consecutive semesters provided the student meets the cumulative grade point average continuance requirements. A student not meeting the requirements may lose all or a portion of his/her award in each semester where his/her cumulative grade point average is below the minimum requirement. A student may regain the full amount of his/her award by raising the cumulative grade point average above the minimum requirement. Charts detailing the continuance requirements may be found at the end of this section.

**Presidential Scholarship** (\$18,000 maximum award) – Incoming first-time freshmen who meet the following criteria will be considered:

- Current high school senior
- Minimum of 6 or 7 semester cumulative high school grade point average of 3.5 on a 4 point scale
- Minimum ACT score of 27 or SAT combined critical reading/math of 1280 (writing score not considered) or CLT score of 87

A limited number of students will be chosen to compete at the Scholarship weekends in October/November or in February/March. Participants may be selected to receive additional scholarship funds.

**Dean's Scholarship** (\$10,000 maximum award) – Incoming first-time freshmen who meet the following criteria

will be considered:

- Current high school senior
- Minimum of 6 or 7 semester cumulative high school grade point average of 3.0 on a 4 point scale
- Minimum ACT score of 21 or SAT combined critical reading/math of 1060 (writing score not considered) or CLT score of 65

A limited number of students will be chosen to compete at the Scholarship weekend in October or March.

Participants may be selected to receive additional scholarship funds.

**Director's Scholarship** (\$4,000 maximum award) – Incoming first-time freshmen who meet the following criteria will be considered:

- Current high school senior
- Minimum of 6 or 7 semester cumulative high school grade point average of 2.5 on a 4 point scale
- Minimum ACT score of 18 or SAT combined critical reading/math of 940 (writing score not considered) or CLT score of 54

**Transfer Scholarship** (\$10,000 maximum award) – Incoming students with acceptable college credit hours in non-remedial coursework completed after high school graduation with a minimum cumulative grade point average of 2.0 may receive a Transfer Scholarship.

**Athletic Scholarship** (Amount varies) – For students who demonstrate athletic ability and character which will contribute to the Bryan College athletic program. Incoming freshmen and transfer students may arrange for a tryout by contacting the Office of Admissions. Recipients must live on campus.

**Musical Merit Scholarship** (\$8,000 maximum award) – The recipient of this competitive scholarship is chosen by the Music & Theatre Department faculty. Incoming first-time freshmen majoring in music are eligible to compete for this scholarship. Students must audition on campus during a Scholarship weekend event. (One awarded each year.) Recipients must live on campus.

**Music Scholarship** (Amount varies) – For students who demonstrate musical ability and are pursuing a music major or minor. Any incoming students may arrange for an audition by contacting the Office of Admissions. Recipients must live on campus.

**Theatre Scholarship** (Amount varies) – Awarded to students who demonstrate ability in drama and/or theatre. Incoming students may arrange an audition by contacting the Office of Admissions. Recipients must live on campus.

**Alumni Grant** (\$1,000 maximum award) – This grant is offered to students who have a parent or grandparent that has graduated from Bryan College. This grant is renewable.

**Christian Worker Grant** (\$1,000 maximum award) – This grant is for students whose parent is a full-time worker at a Christian non-profit organization, serving within the U.S. and whose income is the major source of support for the family. Need must be established using the FAFSA. A letter from the organization verifying employment to the Financial Aid Office must be submitted for consideration. This grant is renewable.

**Foreign Missionary Grant** (\$3,000 maximum award) – This grant is for students whose parent is a full-time worker at a Christian non-profit organization, serving primarily outside of the U.S. and whose income is the major source of support for the family. Need must be established using the FAFSA. A letter from the organization verifying employment to the Financial Aid Office must be submitted for consideration. This grant is renewable.

**Sibling Grant** (\$1,000 maximum award) – This grant is designed to help families who have more than one member of an immediate household attending Bryan College full-time. This does not include married children or students considered independent for financial aid purposes. The grant is set up with a tiered scale providing more money relative to the number of siblings at Bryan.

- Two siblings enrolled concurrently receive \$500 each
- Three or more siblings enrolled concurrently receive \$1,000 each

If a sibling graduates or leaves the school at any time, the amount of aid will be adjusted accordingly.

**Homeschool Scholarship** (\$1,000 maximum award) – Students are eligible who were homeschooled during

their junior and senior years of high school and are entering Bryan as a first-time freshman. This scholarship is renewable.

**Bryan Opportunity Program** (tuition, room and board maximum award) – The program is a guarantee that eligible students who demonstrate significant financial need will receive scholarship and/or grant funds from federal, state and/or institutional sources which meet or exceed the cost of tuition, room and board (if applicable) at Bryan College. Incoming first-time freshmen who meet the following criteria are considered for the program:

- Tennessee resident
- Total family income less than or equal to \$35,000
- Current high school senior
- FAFSA completed by the priority deadline (typically January 31)
- Full Tuition – Cumulative high school GPA of 3.0 on a 4 point scale AND ACT 21/SAT 980 (reading/math)
- Full Tuition, Room and Board – Cumulative high school GPA of 3.6 on a 4 point scale AND ACT 29/SAT 1280 (reading/math). Room and board is for a two person room in the regular residence halls.

Award is renewable as long as the students complete the FAFSA by the priority deadline each year, maintain a total family income  $\leq$  \$35,000, and maintain a Bryan GPA of 3.0.

**Rhea County Scholarship** (\$17,000 maximum award) – This scholarship is awarded to students who are residents of Rhea County by September 1 of their senior year in high school. The student must have a cumulative high school GPA of 3.0 AND an ACT 21/SAT 980 (reading/math)/CLT 65. This scholarship does not combine with any other Bryan College Scholarship or Grant except any award received from the scholarship weekend competition. Student must maintain a Bryan GPA of 2.5 to keep 100% of their scholarship. If the student’s Bryan GPA is between 2.0 to 2.49, they will keep 50% of their scholarship.

**Bryan need-based or out-of-state Grant** (amount varies) – These grants are designed to help students with need as documented by the FAFSA. The student must have a cumulative high school GPA of 2.5 AND an ACT of 18/SAT 860 (reading/math)/CLT 54 or a transfer gpa of 2.0. These grants are renewable based on need.

## Continuance Requirements for Presidential, Dean’s, Director’s and Transfer Scholarships

Presidential	Dean’s/Director’s	Transfer	Percentage Retained
3.0 and above	2.5 and above	2.5 and above	100%
2.8 – 2.99			75%
2.5 – 2.79	2.25 – 2.49	2.25 – 2.49	50%
2.0 – 2.49	2.0 – 2.24	2.0 – 2.24	25%
Below 2.0	Below 2.0	Below 2.0	0%

## OTHER FINANCIAL AID

In addition to the federal, state, and College financial aid programs, students are encouraged to investigate other potential sources of assistance such as employers, labor unions, civic groups, professional organizations, and corporations. A list of outside scholarships is available at [www.bryan.edu/financial-aid/outside-scholarships](http://www.bryan.edu/financial-aid/outside-scholarships).

# **COLLEGE EXPENSES**

**Traditional Undergraduate Programs**

# SEMESTER EXPENSES

## 2019-2020 Fee Schedule

Provided for planning purposes. Subject to change.

### Tuition (per semester)

Full-time (12-19 hours)	\$13,950.00	<b>Board and Residence Hall</b> (per semester)	
Each hour above 19 hours	\$480.00	2 person room, unlimited meal plan	\$3,900.00
Part-time (1-11 hours), per hour	\$1250.00	Townhouse, unlimited meal plan	\$4,600.00
Audit charge per hour*	\$75.00	Townhouse, five meal plan	\$3,700.00
Visiting students, per hour**	\$380.00	Townhouse, no meal plan	\$3,350.00
Dual Enrollment, per hour***	\$160.00	<b>Winter Term (online)</b> per semester hour	\$250.00
Per course fee	\$20.00	<b>Summer School (2020)</b> per semester hour	\$380.00

\*Not applicable to full-time students taking 12-19 hours.

\*\*In order to serve the educational needs of the local community, Bryan College offers this special fee structure for visiting students. Individuals may enroll for a maximum of 12 credits per semester; one course may be on campus. Additionally, Chattanooga State Technical Community College students who are matriculated at the CSTCC Rhea County extension site may enroll for lower division natural science laboratory courses at Bryan on a space available basis.

\*\*\*Dual enrolled high school students may enroll in up to 12 credits per semester.

## MISCELLANEOUS EXPENSES

<b>Application Fee</b>	35.00	Majors	150.00
A non-refundable fee to be paid at time of application.		Non-majors	250.00
See application procedure under ADMISSIONS section.		Accompanist fee for select lessons	70.00
<b>Books and Supplies</b>		<b>Residence Hall Deposit</b>	100.00
Bookstore purchases must be paid for at the time of purchase. The average cost of books and supplies is approximately \$625.00 per semester.		Will be applied to residence hall charge for the applicable semester. Will be forfeited if the student does not attend or reside in campus housing for the applicable semester.	
<b>Christian Life Formation</b>		<b>Science lab fee</b> (per course)	75.00
CLF courses may have fees		varies	
<b>Engineering course fee</b> (per course)	125.00	<b>Single Room Surcharge (per semester)</b>	1000.00
<b>Enrollment Deposit</b>	100.00	Additional charge for single occupancy of a residence hall room.	
This deposit is required of all full-time applicants. See Admissions Information in this <i>Catalog</i> for procedures, due dates, and specific policy as it applies to new applicants.		<b>Transcript Fees</b>	
<b>Graduation fee</b>	150.00	Official Transcript	10.00
Due at least one week prior to commencement. This fee is required whether in attendance or not.		Rush transcript (48 hours)	25.00
<b>Late Schedule Change Fee</b>	20.00	(plus cost of speed posting)	
<b>Music Studio Fee</b>		<b>Vehicle Registration Fee (per year)</b>	125.00
Private Music Instruction:		<b>Vehicle Registration Fee-Premium (per year)</b>	175.00

## SETTLEMENT OF ACCOUNTS

Charges for each semester are due and payable by August 1 and December 15. The school offers a monthly tuition payment plan administered by Sallie Mae for those students who wish to pay tuition and fees on an installment basis. Information regarding the payment plan is available by calling 1-800-635-0120 or [www.bryan.edu/paymentplan](http://www.bryan.edu/paymentplan).

### Basic Full-Time Expenses 2019-2020\*

	Residence Hall	Commuter
Tuition (12-19 hours)	\$13,950.00	\$13,950.00
Room and Board (2 person room)	\$3,900.00	-0-
Total for one semester	\$17,850.00	\$13,950.00
Total for two semesters	\$35,700.00	\$27,900.00

\* Expenses determined by individual needs are not included.

All accounts are due and payable within the academic year, and the issuance of transcripts and the conferring of degrees depends on the open account being paid in full. Students with delinquent accounts may be prohibited from attending classes until such amounts are paid. Financial accounts for graduating seniors (money owed to the College) must be cleared (paid in full) for students to participate in Commencement. Any unpaid charges may be subject to collection agency cost, attorney fees, or credit bureau reporting. Bryan College retains a security interest in all transcripts, diplomas, letters of recommendation, or grade reports which will not be released until all debts are fully paid.

## Student Billing

Estimated charges for the upcoming semester/term can be viewed via the MyBryan account once a student is preregistered for classes. Additionally, a statement will be mailed to the student's home address prior to the beginning of each semester/term if there is a balance due. The statement will indicate the due date. A printed statement of charges can also be generated upon the request of the student. Payment in full or a completed payment plan contract is required prior to registration. Payments should be addressed to: Business Office, Bryan College, 721 Bryan Drive, Dayton, Tennessee, 37321 and should clearly indicate the student's name and account number.

## Withdrawal Refund Policy

The financial aid office calculates federal financial aid eligibility and Military Tuition Assistance (TA) for students who withdraw, drop out, or are dismissed prior to completing 60.01% of a semester. The federal funds calculation and TA calculation are done independently of one another and are done prior to and apart from the institutional funds calculation. Refund/repayment calculations are based on the percent of earned aid using the following formula:

$$\text{Percent earned} = \frac{\text{\# of days completed up to withdrawal date}}{\text{total days in the semester}}$$

Federal financial aid is returned to the federal government based on the percentage of unearned aid using the following formula: Federal aid to be returned = 100% -% earned. When federal financial aid is returned, the student may owe a balance to the College. The student should contact the College Business Office to arrange for balance repayment.

Federal financial aid includes the Pell Grant, SEOG, TEACH Grant, Stafford Loans (subsidized and unsubsidized), and the PLUS Loan.

Withdrawal date is defined as the actual date the student began the institution's withdrawal process, or the student's last date of recorded attendance, or the midpoint of the semester for a student who leaves without notifying the College.

Military Tuition Assistance (TA) is awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded. **Bryan College** will return any unearned TA funds on a proportional basis through at least the 60% portion of the period for which the funds were provided to that member's appropriate service branch. TA funds are earned proportionally during an enrollment period, with unearned funds returned based upon when a student stops attending.

If a service member stops attending due to a military service obligation, and the service member notifies the school of his/her obligation, **Bryan College** will work with the affected service member to identify solutions that will not result in a student debt for the returned portion.

The percent earned and used for Federal aid will be applied to determine all refund/repayment calculations. Federal regulations stipulate that when a refund (and repayment, if applicable) is calculated for a student who has received financial assistance from any of the Federal Title IV programs, the refund must be allocated in the following order and returned to the appropriate program(s):

1. **Unsubsidized Stafford Loan**
2. **Subsidized Stafford Loan**
3. **PLUS Loan**
4. **Pell Grant**
5. **SEOG**
6. **TEACH Grant**
7. **Other Title IV Programs**

### **Refund of Institutional Aid (degree seeking students)**

In the event a student withdraws, drops out, or is expelled from the College prior to the end of a semester or summer term of enrollment, the student's eligibility for institutional funds used for tuition, room, and board (board is not available during summer) will be equal to the percentage of total institutional charges as determined by the withdrawal policy. See refund policy below.

Another aspect of the institutional aid calculation process will be to determine whether the student has received an overpayment for non-institutional costs (i.e., room and board off campus, books, supplies, transportation, and miscellaneous expenses) for the period of enrollment for which the student has been charged. This pertains to a student who had excess funds on account after all institutional costs were paid and the student requested all or part of the excess funds for personal use. The College will notify the student of any amount the student must return as a repayment.

Once a student's withdrawal date has been established, the refund and repayment (if applicable) amount(s) and allocation(s) will be determined by the Office of Financial Aid and Business Office.

Withdrawal prior to the first day of classes: 100%

Withdrawal during the first week of the semester: 90%

Withdrawal during the second week of the semester: 75%

Withdrawal during the third and fourth week of the semester: 50%

Withdrawal during the fifth and sixth week of the semester: 25%

Withdrawal after the sixth week of the semester: 0%

A student who believes that mitigating circumstances warrant exceptions from the above stated refund policy may submit, within 15 days of the student's withdrawal date, a written appeal to: Business Office Manager, Bryan College, 721 Bryan Drive, Dayton, TN 37321.

### **Dropped Course Refund Policy**

Degree seeking students are eligible for a full tuition refund on courses that are dropped on or before the last day of the drop/add period, which concludes on the eighth day (excluding weekends) of the regular fall and spring semesters and a comparable period for terms of shorter duration. This is only applicable to *adjustments* in student load and does not apply to students who withdraw from the semester entirely. There will be no tuition or fee refund for classes dropped after the drop/add period.

# **ACADEMIC INFORMATION**

## **Traditional Undergraduate Programs**

# DEGREES OFFERED

Bryan College grants two associate degrees, the Associate of Arts (A.A.) and the Associate of Science (A.S.); four baccalaureate degrees, the Bachelor of Arts (B.A.), the Bachelor of Science (B.S.), the Bachelor of Science in Engineering (B.S.E.) and through Bryan College Online only the Bachelor of Business Administration (B.B.A.); and four graduate degrees, Master of Business Administration (M.B.A.), Master of Arts in Christian Ministry (M.A.), Master of Arts in Human Services (M.A.) and Master of Education (M.Ed.).

## Majors Offered

### Traditional Undergraduate Programs

Bryan College offers majors and options in the following programs. Detailed requirements for each major area of study are contained in the Academic Programs section of this *Catalog*. Each student must complete an *Application for Major* and receive approval from an academic department in order to be officially enrolled in a major program. This application for major is normally completed during the second semester of the sophomore year, but it may be completed earlier once a student has decided on a major.

The specific course requirements for each of these majors are listed under the appropriate departments in “Programs of Instruction.” In addition to course requirements, each department requires a senior assessment in the major, and the College requires a variety of core curriculum assessments prior to graduation.

Biology (B.S.)	Engineering Technology Management (B.S.)
Foundation Option	English
Biology Licensure Option	Creative Writing Option (B.A.)
Business Administration (A.S.)	Literature Option (B.A.)
Business Administration (B.S.)	English Licensure Option (B.S.)
Accounting Option	Exercise and Health Science (B.S.)
Economics/Finance Option	Foundation Option
Management Option	Physical Education Licensure Option
Marketing Option	Pre-Therapy/Allied Health Option
Christian Ministry (B.S.)	Forensic Science (B.S.)
Christian Studies (B.A.)	Health Science (B.S.)
Bible Option	History
Christian Ministry Option	Foundation Option (B.A.)
Philosophy & Culture Option	History Licensure Option (B.S.)
Communication, Media, & Culture (B.S.)	Integrated Marketing Communication (B.S.)
Foundation Option	Liberal Arts (A.A.)
Corporate Communication Option	Liberal Arts (B.A.)
Digital Media Option	Arts & Humanities Option
Communication Studies (B.A.)	Classical Studies Option
Criminal Justice (B.A.)	Natural & Mathematical Sciences Option
Economics & Finance (B.A.)	Social & Behavioral Sciences Option
Education (B.S.)	Liberal Arts (B.S.)
Engineering (B.S.E.)	Elementary Education Licensure (K-5)
Bioengineering Option	Management (B.A.)
Business Management Option	Marketing (B.A.)
Civil Option	Mathematics (B.S.)
Computing Option	Foundation Option
Mechanical Option	Applied Mathematics and Computer Technology Option

Mathematics Licensure Option	organ, or instrument
Music (B.A.)	Piano Pedagogy Option
Music (B.S.)	Political Communication (B.S.)
Contemporary Music Option	Politics and Government (B.A.)
Music Education Instrumental Licensure Option	Foundation Option
Music Education Vocal/General Licensure Option	Law Option
Music Ministry/Church Music Option	Psychology (B.S.)
Musical Theatre Option	Theatre (B.S.)
Performance Option with a concentration in piano, voice,	

## Minors Offered

Bryan College offers minors in the following programs. Detailed requirements for each minor area of study are contained in the Academic Programs section of this *Catalog*.

Biblical Languages	Criminal Justice	Missions
Biblical Studies	Digital Media	Music
Biology	Economics	Physics
Business Administration	English	Politics and Government
Chemistry	Exercise and Health Science	Soul Care
Communication Studies	Greek	Theatre
Computer Science	History	Worship Arts
Counseling Psychology	Leadership Studies	Youth Ministry
Creative Writing	Mathematics	

# Core Curriculum Requirements

## Associate Degree Candidates

Candidates for an Associate degree are required to complete 33 hours of core curriculum requirements. Students who are exempted from any of the below will need to take free electives in order to reach the 60 hours required for graduation with an associate degree.

### STUDENTS WILL MAKE A DIFFERENCE IN TODAY'S WORLD BY –

#### **STRENGTHENING THEIR EDUCATIONAL FOUNDATION:**

**COL 100 Bryan Gateway Seminar (1)** – All incoming students will be placed in this course their first semester. It is expected that the course will be successfully completed within the first two semesters of college attendance.

**ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6)**

Associate degree candidates must successfully complete either ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6). Students scoring 18 or higher on the ACT English and 18 or higher on the ACT Reading OR scoring 460 or higher on the SAT Evidence Based Reading & Writing may elect to take ENG 111 Freshman English rather than ENG 109-110.

**MATH elective (3)**

A college level math course (excluding MATH 132 Introduction to Logic & Proof) must be completed by all students. Associate of Science (Business Administration) must choose MATH 115 College Algebra.

#### **DEVELOPING A CHRISTIAN WORLDVIEW:**

**CT 113 Critical Survey of Worldviews (3)**

**CT 101 CLF: Foundations for Christian Life (1)**

**BIB 222 Old Testament Literature and Interpretation (3) OR BIB 224 New Testament Literature and Interpretation (3)**

**Choose one course (3 credits) of a general survey history (100/200 level) elective**

#### **ENGAGING THE CULTURE:**

**Psychology elective (3 credits) chosen from PSY 111 General Psychology or PSY 228 Dating, Marriage, & Family Life**

**and one year foreign language (6 credits/2 semesters)**

#### **EXPLORING THE ARTS:**

**One Creative Arts elective (3) choose from: FA 211 Introduction to Fine Arts, FLM 210 Medium of Film, MUS 210 Music Appreciation, or THT 111 Introduction to Theatre. Associate of Science students may also choose from ENG 211 Introduction to Literature.**

#### **UNDERSTANDING THE NATURAL WORLD:**

**Natural science elective (2 credits)**

**EHS 111 Concepts of Physical Fitness (2)**

Students 26 years of age or more, *at the time of enrollment*, are exempt from exercise and health science requirements but must earn the full 60 hours of credit for graduation, the hours in lieu of exercise and health science will be taken as electives.

## Baccalaureate Degree Candidates

Candidates for baccalaureate degrees complete the core requirements as outlined below. Candidates should complete most core curriculum requirements by the end of the junior year.

Bachelor of Arts degree candidates must complete the following core curriculum requirements:

### STUDENTS WILL MAKE A DIFFERENCE IN TODAY'S WORLD BY –

#### **STRENGTHENING THEIR EDUCATIONAL FOUNDATION:**

**COL 100 Bryan Gateway Seminar (1)** –All incoming students will be placed in this course their first semester. It is expected that the course will be successfully completed within the first two semesters of college attendance.

**ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6)**

Bachelor of Arts degree candidates must successfully complete either ENG 109-110 College Writing I and II (6) or ENG 111 Freshman English (3). Students scoring 18 or higher on the ACT English and 18 or higher on the ACT Reading OR scoring 460 or higher on the SAT Evidence Based Reading & Writing may elect to take ENG 111 Freshman English rather than ENG 109-110.

**ENG 411 Expository Writing (3)**

**MATH elective (3)**

A college level math course (excluding MATH 132 Introduction to Logic & Proof) must be completed by all students.

#### **DEVELOPING A CHRISTIAN WORLDVIEW:**

**CT 113 Critical Survey of Worldviews (3)**

**Christian Life Formation electives (3)**

**BIB 222 Old Testament Literature and Interpretation (3)**

**BIB 224 New Testament Literature and Interpretation (3)**

**Christian Studies and Philosophy elective (3) (excluding GRK, HEB, and CT 214)**

CT 113 Critical Survey of Worldviews, BIB 222 Old Testament Literature and Interpretation, BIB 224 New Testament Literature and Interpretation, and a minimum of three hours of Christian Life Formation electives are required for graduation with a baccalaureate degree. CT 113 should be the first lecture course in the series and is normally completed in the first semester for full-time students. The other lecture courses can be taken in any order, though some courses may have prerequisites. With permission of the academic adviser BIB 115 Biblical Foundations may be taken by those with minimal knowledge of the Bible as the Christian Studies and Philosophy elective. Those electing to take BIB 115 must do so prior to taking any other Bible course.

If a student transfers in as a freshman or sophomore, Bryan requires that all 15 credit hours of the Christian Studies and Philosophy Core Curriculum requirements be completed. If a student transfers in as a junior with 56 or more credit hours, Bryan requires 13 credit hours of Christian Studies consisting of CT 113, BIB 222, BIB 224, Christian Studies elective (3 cr.) and one Christian Life Formation elective. If a student transfers in as a senior with 85 or more hours, Bryan requires a minimum of seven credit hours of Bible to include one Christian Life Formation elective and two of the following: CT 113, BIB 222 and BIB 224. Transfers who wish to complete a Biblical Studies minor are not exempted from any core BIB or CT courses.

**Choose two courses (6 credits) of general survey history (100/200 level) electives**

#### **ENGAGING THE CULTURE:**

**Psychology elective chosen from PSY 111 General Psychology, PSY 228 Dating, Marriage, & Family Life or PSY 334 Social Psychology**

Psychology majors and minors must choose PSY 111 General Psychology.

**COMM 111 Introduction to Communication**

**U.S. Government & Economics elective chosen from SS 211 Society, Economics & Government or PSGS 315 Wealth & Justice.**

**Foreign Language(s) (12 credits/4 semesters) Either 12 credits/4 semesters of one foreign language or 6 credits/ 2 semesters each in two different languages**

Christian Studies majors are required to take one year of Greek and one year of Hebrew as the core curriculum foreign languages.

Liberal Arts majors in the Classical Studies option must choose classical languages. Graduate schools may not count American Sign Language toward foreign language requirements.

**EXPLORING THE ARTS:**

**ENG 211 Introduction to Literature**

**One Creative Arts elective chosen from: FA 211 Introduction to Fine Arts, FLM 210 Medium of Film, MUS 210 Music Appreciation, or THT 111 Introduction to Theatre. Music majors are not eligible to take MUS 210.**

**UNDERSTANDING THE NATURAL WORLD:**

**Choose two courses (6 credits), one of which must include a laboratory experience from Biology, Chemistry or Physical Science.**

The non-laboratory science is limited to Biology, Chemistry, and Physics course offerings.

**EHS 111 Concepts of Physical Fitness (2)**

**Two credits of EHS activities**

Credit in varsity sports may substitute for activity courses. Students 26 years of age or more, *at the time of enrollment*, are exempt from exercise and health science requirements but must earn the full 124 hours of credit for graduation, the four hours in lieu of exercise and health science being taken as electives.

*If students change degree programs, they will be subject to the stated requirements for the new degree.*

Bachelor of Science degree candidates must complete the following core curriculum requirements:

## **STUDENTS WILL MAKE A DIFFERENCE IN TODAY'S WORLD BY –**

### **STRENGTHENING THEIR EDUCATIONAL FOUNDATION:**

**COL 100 Bryan Gateway Seminar (1)** – All incoming students will be placed in this course their first semester. It is expected that the course will be successfully completed within the first two semesters of college attendance.

**ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6)**

Bachelor of Science degree candidates must successfully complete either ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6). Students scoring 18 or higher on the ACT English and 18 or higher on the ACT Reading OR scoring 460 or higher on the SAT Evidence Based Reading & Writing may elect to take ENG 111 Freshman English rather than ENG 109-110.

**ENG 411 Expository Writing**

**MATH elective.**

A college level math course (excluding MATH 132 Introduction to Logic & Proof) must be completed by all students. Applicants for teacher licensure at the elementary level must complete MATH 116 Contemporary Math. Biology majors must complete MATH 117, MATH 119 or MATH 122. Biology-licensure must choose MATH 211 Elementary Statistics. Business majors must complete MATH 115. Math majors must be prepared to take MATH 221 Calculus II as a major requirement and so need to complete MATH 122 Calculus I or equivalent.

### **DEVELOPING A CHRISTIAN WORLDVIEW:**

**CT 113 Critical Survey of Worldviews (3)**

**Christian Life Formation electives (3)**

**BIB 222 Old Testament Literature and Interpretation (3)**

**BIB 224 New Testament Literature and Interpretation (3)**

CT 113 Critical Survey of Worldviews, BIB 222 Old Testament Literature and Interpretation, BIB 224 New Testament Literature and Interpretation, and a minimum of three hours of Christian Life Formation are required for graduation with a baccalaureate degree. CT 113 should be the first lecture course in the series and is normally completed in the first semester for full-time students. The other lecture courses can be taken in any order, though some courses may have prerequisites. With permission of the academic adviser BIB 115 Biblical Foundations may be taken by those with minimal knowledge of the Bible in lieu of either BIB 222 or 224. Those electing to take BIB 115 must do so prior to taking any other Bible course.

If a student transfers in as a freshman or sophomore, Bryan requires that all 12 credit hours of the Christian Studies Core Curriculum requirements be completed. If a student transfers in as a junior with 56 or more credit hours, Bryan requires 9 credit hours of Christian Studies consisting of CT 113, BIB 222 or BIB 224 and three additional hours of Christian Life Formation. If a student transfers in as a senior with 85 or more hours, Bryan requires a minimum of six credit hours of Bible to include CT 113, and three hours of Christian Life Formation electives. Transfers who wish to complete a Biblical Studies minor are not exempted from any core BIB or CT courses.

**Choose one course (3 credits) of a general survey history (100/200 level) elective**

Liberal Arts: Elementary licensure and History: Secondary licensure must choose HIS 111 Western Civilization I

### **ENGAGING THE CULTURE:**

**Psychology elective chosen from PSY 111 General Psychology, PSY 228 Dating, Marriage, & Family Life or PSY 334 Social Psychology**

All teacher licensure students are required to take PSY 330 Life-span Development as the Psychology elective. Exercise & Health Science majors (Foundation and Licensure options) are required to take PSY 111 General Psychology as the Psychology elective.

**COMM 111 Introduction to Communication**

**Foreign language (6 credits/2 semesters) of the same language**

Christian Ministry majors are required to take Greek as the core curriculum foreign language. Graduate schools may not count American Sign Language toward foreign language requirements.

**EXPLORING THE ARTS:**

**One Creative Arts elective choose from: ENG 211 Introduction to Literature, FA 211 Introduction to Fine Arts, FLM 210 Medium of Film, MUS 210 Music Appreciation, or THT 111 Introduction to Theatre.** Music majors are not eligible to take MUS 210. English-licensure majors must choose ENG 211 Introduction to Literature. Health Science majors must choose FA 211 Introduction to Fine Arts.

**UNDERSTANDING THE NATURAL WORLD:**

**Choose two courses (5 credits) from a natural science area.**

Biology majors must choose BIO 112 General Biology I and CHEM 131 General Chemistry I. Exercise and Health Science (Foundation and Licensure options) majors must choose BIO 210 Introduction to Anatomy & Physiology and BIO 220 Introduction to Nutrition. Exercise and Health Science (Pre-Therapy/Allied Health option) majors must choose BIO 112 & 113 General Biology I and II. Liberal Arts: Elementary Education majors must choose BIO 110 God's Revelation in Biology *or* BIO 113 General Biology II, and PHYS 213 Geo-Physical Science Survey. Math: Licensure must choose Physics I and II. Psychology majors must choose BIO 210 Introduction to Anatomy & Physiology for the lab science.

**EHS 111 Concepts of Physical Fitness (2)**

Students 26 years of age or more, *at the time of enrollment*, are exempt from exercise and health science requirements but must earn the full 124 hours of credit for graduation, the two hours in lieu of exercise and health science being taken as electives. Teacher licensure candidates must still complete EHS 111 Concepts of Physical Fitness regardless of age.

*If students change degree programs, they will be subject to the stated requirements for the new degree.*

**CORE CURRICULUM REQUIREMENTS – Traditional Undergraduate Programs**

<b>STUDENTS WILL MAKE A DIFFERENCE IN TODAY’S WORLD BY:</b>	<b>B.A. CANDIDATES</b> See preceding section for complete information and major specific requirements.	<b>B.S. CANDIDATES</b> See preceding section for complete information and major specific requirements.
<b>STRENGTHENING THEIR EDUCATIONAL FOUNDATION</b>	COL 100 Bryan Gateway Seminar (1)  ENG 111 Freshman English (3) <u>OR</u> ENG 109-110 College Writing I & II (6) ENG 411 Expository Writing (3)  College level math elective: except MATH 132 (3)  10-13	COL 100 Bryan Gateway Seminar (1)  ENG 111 Freshman English (3) <u>OR</u> ENG 109-110 College Writing I & II (6) ENG 411 Expository Writing (3)  College level math course: except MATH 132 (3)  10-13
<b>DEVELOPING A CHRISTIAN WORLDVIEW</b>	CT Christian Life Formation electives (3) CT 113 Critical Survey of Worldviews (3) BIB 222 Old Testament Literature & Interpretation (3) BIB 224 New Testament Literature & Interpretation (3) BIB, CM, CT, PHIL elective (3)  HIS general survey course (100/200 level) (3) HIS general survey course (100/200 level) (3)  21	CT Christian Life Formation electives (3) CT 113 Critical Survey of Worldviews (3) BIB 222 Old Testament Literature & Interpretation (3) BIB 224 New Testament Literature & Interpretation (3)  HIS general survey course (100/200 level) (3)  15
<b>ENGAGING THE CULTURE</b>	Choose one from PSY 111 General Psychology (3), PSY 228 Dating, Marriage, & Family Life (3), PSY 334 Social Psychology (3)  COMM 111 Introduction to Communication (3)  Elementary Foreign Language I and II (6) and  Intermediate Foreign Language I and II (6) (or Elementary Foreign Language I and II in a 2 <sup>nd</sup> language (6))  U.S. Government & Economics: choose SS 211 Society, Economics & Government (3) or PSGS 315 Wealth & Justice (3)  21	Choose one from PSY 111 General Psychology (3), PSY 228 Dating, Marriage, & Family Life (3), PSY 334 Social Psychology (3)  COMM 111 Introduction to Communication (3)  Elementary Foreign Language I and II (6)  12
<b>EXPLORING THE ARTS</b>	ENG 211 Introduction to Literature (3)  Choose one from FA 211 Introduction to Fine Arts (3), FLM 210 Medium of Film (3), MUS 210 Music Appreciation (3), THT 111 Introduction to Theatre (3)  6	Choose one from ENG 211 Introduction to Literature (3), FA 211 Introduction to Fine Arts (3), FLM 210 Medium of Film (3), MUS 210 Music Appreciation (3), THT 111 Introduction to Theatre (3)  3
<b>UNDERSTANDING THE NATURAL WORLD</b>	Choose two courses from the following areas: Biology, Chemistry, Physical Science (one of which must be a lab science) (6) EHS 111 Concepts of Physical Fitness (2) Exercise and Health Science Activity Courses (2)  10  68-71 total semester hours	Choose two courses from the following areas: Biology, Chemistry, Physical Science (5) EHS 111 Concepts of Physical Fitness (2)  7  47-50 total semester hours

# Vogel School of Engineering - Engineering

Bachelor of Science in Engineering degree candidates must complete the following core curriculum requirements:

## **STUDENTS WILL MAKE A DIFFERENCE IN TODAY'S WORLD BY –**

### **STRENGTHENING THEIR EDUCATIONAL FOUNDATION:**

**COL 100 Bryan Gateway Seminar (1)** – All incoming students will be placed in this course their first semester. It is expected that the course will be successfully completed within the first two semesters of college attendance.

**ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6)**

Bachelor of Science in Engineering degree candidates must successfully complete either ENG 111 Freshman English (3) OR ENG 109-110 College Writing I and II (6). Students scoring 18 or higher on the ACT English and 18 or higher on the ACT Reading OR scoring 460 or higher on the SAT Evidence Based Reading & Writing may elect to take ENG 111 Freshman English rather than ENG 109-110.

**MATH elective (3)**

A college level math course (excluding MATH 132 Introduction to Logic & Proof) must be completed. Engineering majors must be prepared to take MATH 221 Calculus II as a major requirement and so need to complete MATH 122 Calculus I or equivalent.

### **DEVELOPING A CHRISTIAN WORLDVIEW:**

**CT 113 Critical Survey of Worldviews (3)**

**Christian Life Formation electives (3)**

**BIB 222 Old Testament Literature and Interpretation (3)**

**BIB 224 New Testament Literature and Interpretation (3)**

CT 113 Critical Survey of Worldviews, BIB 222 Old Testament Literature and Interpretation, BIB 224 New Testament Literature and Interpretation, and a minimum of three hours of Christian Life Formation are required for graduation with a baccalaureate degree. CT 113 should be the first lecture course in the series and is normally completed in the first semester for full-time students. The other lecture courses can be taken in any order, though some courses may have prerequisites. With permission of the academic adviser BIB 115 Biblical Foundations may be taken by those with minimal knowledge of the Bible in lieu of either BIB 222 or 224. Those electing to take BIB 115 must do so prior to taking any other Bible course.

If a student transfers in as a freshman or sophomore, Bryan requires that all 12 credit hours of the Christian Studies Core Curriculum requirements be completed. If a student transfers in as a junior with 56 or more credit hours, Bryan requires 9 credit hours of Christian Studies consisting of CT 113, BIB 222 or BIB 224 and three additional hours of Christian Life Formation. If a student transfers in as a senior with 85 or more hours, Bryan requires a minimum of six credit hours of Bible to include CT 113, and three hours of Christian Life Formation electives. Transfers who wish to complete a Biblical Studies minor are not exempted from any core BIB or CT courses.

**Choose one course (3 credits) of a general history survey (100/200 level) elective**

### **ENGAGING THE CULTURE:**

**Choose one from: PSY 111 General Psychology, PSY 228 Dating, Marriage, & Family Life, PSY 334 Social Psychology, SS 211 Society, Economics & Government, or PSGS 315 Wealth & Justice (3 credits)**

**COMM 111 Introduction to Communication (3)**

**CSCI 116 Programming I (3)**

### **EXPLORING THE ARTS:**

**One Creative Arts elective (3 credits) choose from: ENG 211 Introduction to Literature, FA 211 Introduction to Fine Arts, FLM 210 Medium of Film, MUS 210 Music Appreciation, or THT 111 Introduction to Theatre.**

### **UNDERSTANDING THE NATURAL WORLD:**

**PHYS 245-246 College Physics I and II (8)**

*If students change degree programs, they will be subject to the stated requirements for the new degree.*

**CORE CURRICULUM REQUIREMENTS –Engineering (B.S.E.)**

<p><b>STUDENTS WILL MAKE A DIFFERENCE IN TODAY'S WORLD BY:</b></p>	<p align="center"><b>B.S.E. Candidates</b> See preceding section for complete information.</p>
<p><b>STRENGTHENING THEIR EDUCATIONAL FOUNDATION</b></p>	<p>COL 100 Bryan Gateway Seminar (1)</p> <p>ENG 111 Freshman English (3) <u>OR</u> ENG 109-110 College Writing I &amp; II (6)</p> <p>College level math elective: except MATH 132 (3)</p> <p align="right">7-10</p>
<p><b>DEVELOPING A CHRISTIAN WORLDVIEW</b></p>	<p>CT 209 CLF: Missional Engineering (1)</p> <p>CT 210 CLF: Biblical Environmentalism (1)</p> <p>CT Christian Life Formation Elective (1)</p> <p>CT 113 Critical Survey of Worldviews (3)</p> <p>BIB 222 Old Testament Literature &amp; Interpretation (3)</p> <p>BIB 224 New Testament Literature &amp; Interpretation (3)</p> <p>HIS general survey course (100/200 level) (3)</p> <p align="right">15</p>
<p><b>ENGAGING THE CULTURE</b></p>	<p>Choose one from:</p> <p>PSY 111 General Psychology (3), PSY 228 Dating, Marriage, &amp; Family Life (3), PSY 334 Social Psychology (3), SS211 Society, Economics, and Government, or PSGS 315 Wealth and Justice (3)</p> <p>COMM 111 Introduction to Communication (3)</p> <p>CSCI 116 Programming I (3)</p> <p align="right">9</p>
<p><b>EXPLORING THE ARTS</b></p>	<p>Choose one from ENG 211 Introduction to Literature (3), FA 211 Introduction to Fine Arts (3), FLM 210 Medium of Film (3), MUS 210 Music Appreciation (3), THT 111 Introduction to Theatre (3)</p> <p align="right">3</p>
<p><b>UNDERSTANDING THE NATURAL WORLD</b></p>	<p>PHYS 245 - 246 College Physics I &amp; II (8)</p> <p align="right">8</p> <p align="right">42-45 total semester hours</p>

# GRADUATION REQUIREMENTS

## Associate Degree Candidates

The Associate of Arts and Associate of Science degrees are awarded subject to candidates meeting the following requirements. Candidates must:

1. Complete a minimum of 60 semester hours of coursework with a cumulative GPA of 2.0.
2. Complete the core curriculum requirements outlined above.
3. Complete the major area of study, either Liberal Arts (A.A.) or Business Administration (A.S.), with no grade lower than C- counting toward the major area of study.
4. Demonstrate proficiency in the use of the English language as described under Core Curriculum Requirements.
5. Complete the last 30 semester hours in residence, maintaining at least a 2.0 GPA. Transfer students must earn a minimum of fifteen semester hours at Bryan in the major area of study.
6. File an Application for Graduation two semesters prior to the expected graduation date. Students will not be placed on the prospective graduate list until this application is on file in the Office of the Registrar. This form constitutes a formal agreement between the student and the institution regarding the completion of graduation requirements.
7. Participate in commencement exercises held early in May or in mid-December. When participation would create a hardship, documented requests are considered for the degree to be conferred *in absentia*. Since there is no ceremony in August students with one or two courses (a maximum of seven credits) left to complete at the end of the spring semester may participate as *candidates* for graduation in the May ceremony provided they have submitted and have had approved a definitive plan to complete their program by August 31 of the same year. In order to participate in the December commencement ceremony all requirements must be completed. In no case may a student participate in two commencement exercises for the same degree. In order for students to participate in Commencement financial accounts with the College must be paid in full.

**While faculty advisers and the Office of the Registrar will assist students in every possible way, final responsibility for meeting all requirements rests with the student.**

## Baccalaureate Degree Candidates

The Bachelor of Arts, Bachelor of Science and Bachelor of Science in Engineering degrees are awarded subject to candidates meeting the following requirements. Candidates must:

1. Complete a minimum of 124 semester hours of coursework, earning a minimum of 25 percent of the semester hours required for each degree through instruction at Bryan College, with a cumulative GPA of 2.0. Additionally, a minimum of 30 semester hours must be at the 300/400 level. A candidate for a second Bryan baccalaureate degree awarded either simultaneously with or subsequent to the first degree must complete a minimum of 30 semester hours at Bryan beyond the courses required for the first degree, as well as meet the specific course requirements of both programs.
2. Complete the Bible course requirements outlined above.
3. Complete the core curriculum requirements outlined above. The College requires a variety of core curriculum assessments prior to graduation.
4. Complete the program in a major area of study with no grade lower than C- counting toward the major area of study, and, in the case of education licensure candidates, toward their professional education core. When a student fails to earn a C- or above in a major course, the course may be repeated, or another course from the major field of study may be substituted. Students should consult with the academic adviser and the Registrar in these cases. In addition to course requirements, each department requires a senior assessment in the major area of study prior to graduation. Transfer students must earn a minimum of 15 semester hours at Bryan in the major area of study. Also, 40% of the credits in the major must be at the 300/400 level. Licensure candidates must also complete a prescribed professional education sequence.
5. Complete an optional minor area of study with no grade lower than a C-. At least nine hours of a minor must be taken at Bryan. Six hours of a minor must be courses not overlapping with major courses. An application for minor form

must be submitted to the Office of the Registrar for each minor program of study.

6. Demonstrate proficiency in the use of the English language as described under Core Curriculum Requirements.
7. Complete the last 31 semester hours in residence, maintaining at least a 2.0 GPA. Students desiring to take courses at another institution within the last 31 semester hours in residence must submit and have approved a Petition for Off-Campus Credit.
8. File an Application for Graduation form by the end of the junior year. Students will not be placed on the prospective graduate list until this application is on file in the Office of the Registrar. This form constitutes a formal agreement between the student and the institution regarding the completion of graduation requirements.
9. Participate in commencement exercises held early in May or in mid-December. When participation would create a hardship, documented requests are considered for the degree to be conferred *in absentia*. Since there is no ceremony in August students with one or two courses (a maximum of seven credits) left to complete at the end of the spring semester may participate as *candidates* for graduation in the May ceremony provided they have submitted and have had approved a definitive plan to complete their program by August 31 of the same year. In order to participate in the December commencement ceremony all requirements must be completed. In no case may a student participate in two commencement exercises for the same degree. In order for students to participate in Commencement financial accounts with the College must be paid in full.

**While faculty advisers and the Office of the Registrar will assist students in every possible way, final responsibility for meeting all requirements rests with the student.**

## ACADEMIC POLICIES AND PROCEDURES

### Credit Toward a Degree

The most common method of earning academic credit toward a Bryan College degree is by completing the courses offered by the College. A description of course expectations is included later in this section of the *Catalog*.

Bryan College students may also obtain advanced placement, earn college credit, and meet certain course requirements by demonstrating proficiency on various tests: the College Level Examination Program (CLEP), the Advanced Placement (AP) Program, the International Baccalaureate (IB) Program, tests constructed locally by Bryan College, as well as through joint/dual enrollment programs linking community colleges and high schools for the purpose of college level core curriculum, and other approved off-campus programs. Credit *may* be allowed for work completed at military service schools if this credit is recommended by the American Council on Education in *A Guide to the Evaluation of Educational Experiences in the Armed Service*. Students may choose or be required to take another course from the same general area.

1. Students may earn a maximum of 30 semester hours of credit by examination (such as CLEP, AP, IB, challenge, etc.). No credit may be applied toward the 31 semester hours residency requirement without the express approval of the Academic Council.
2. No duplicate credit may be awarded through overlapping tests or comparable college courses. Students who complete a college course for which credit by examination has been granted forfeit the credit by examination.
3. Credit earned by examination and/or through these programs will be posted as “CR” (credit) with no quality points being awarded.
4. Students may not be allowed to meet all of the core curriculum requirements through credit by examination without taking an appropriate, regularly offered course (normally an advanced course) in that area.
5. Credit earned by examination may be applied toward major requirements only when approved by the faculty adviser, the chair of the appropriate department, and the Registrar.
6. Credit earned by examination at other institutions is not transferable to Bryan. Official test score reports must be sent to Bryan for evaluation. Credit will be awarded in accordance with Bryan’s policy on credit by examination.

## CLEP Examinations

Students whose score meets or exceeds the American Council on Education (ACE) recommendation on a CLEP Examination which approximates a course offered at Bryan will receive credit for the number of semester hours listed in the catalog for that course (unless the ACE recommendation is less). The College Composition Modular has an essay component which will be evaluated by the English faculty of Bryan College who will determine whether credit will be awarded. Students earning credit for College Composition Modular with Essay will still need to complete ENG 110 College Writing II. Examinations which Bryan accepts include:

CLEP Exam	Bryan Course(s)	Number of credits (note that all are considered lower division)
Accounting, Financial	ACCT 231	3
American Government	PSGS 226	3
Business Law, Introductory	BUS 326	3
Calculus	MATH 122	4
Chemistry	Lecture Elective	6
College Algebra	MATH 115	3
College Composition Modular <u>with Essay</u>	ENG 109	3
College Mathematics	MATH 116	3
Educational Psychology, Introduction to	PSY Elective	3
French Language	Level 1 FREN 111-112 Level 2 FREN 111-211	6 for Level 1 9 for Level 2
German Language	Elective	6 for Level 1 9 for Level 2
Human Growth and Development	PSY 330	3
Information Systems	BUS 111	3
Macroeconomics, Principles of	ECFN 222	3
Management, Principles of	MGT 237	3
Marketing, Principles of	MKT 243	3
Microeconomics, Principles of	ECFN 221	3
Precalculus	MATH 117	3
Psychology, Introductory	PSY 111	3
Spanish Language	Level 1 SPAN 111-112 Level 2 SPAN 111-211	6 for Level 1 9 for Level 2
Sociology, Introductory	Elective	3

CLEP tests are given at centers located throughout the United States. Detailed information may be obtained from the Office of the Registrar or from the College-Level Examination Program, ([www.collegeboard.org/clep](http://www.collegeboard.org/clep)), P.O. Box 6600, Princeton, New Jersey 08541. The Bryan College code is 1908.

## Dantes Standardized Subject Tests (DSST)

EXAM	EQUATES TO	SCORE	CR	Division
Art of the Western World	FA 211	ACE	3	lower
Astronomy*	PHYS elective	ACE	3	lower
Business Ethics & Society	BUS elective	ACE	3	lower
Business Math	BUS elective or MATH elective (core)	ACE	3	lower
Criminal Justice	CJUS 221	ACE	3	lower
Environmental Science*	BIO 115	ACE	3	lower
Ethics in America	PHIL 315	ACE	3	lower
Foundations of Education	EDUC elective	ACE	3	lower
Fundamentals of College Algebra	MATH 115	ACE	3	lower
Fundamentals of Counseling	PSY 429	ACE	3	lower
General Anthropology	SS elective	ACE	3	lower
Human/Cultural Geography	SS elective	ACE	3	lower
Intro to Business	BUS 121	ACE	3	lower
Intro to Law Enforcement	CJUS elective	ACE	3	lower
Intro to World Religions	CT 220-free elective only	ACE	3	lower
Lifespan Developmental Psych	PSY 330	ACE	3	lower
Personal Finance	ECFN 110	ACE	3	lower
Principles of Physical Science I*	PHYS elective	ACE	3	lower
Principles of Statistics	MATH 211	ACE	3	lower
Substance Abuse	EHS elective	ACE	3	lower

\* Note that Bryan College does not offer stand-alone lab courses. If a lab science course is required the DSST will not work.

## Advanced Placement Tests

Students who have taken the Advanced Placement (AP) Program should have official score reports sent to Bryan College (code 1908) in order to receive college credit for the corresponding courses. Students who have test scores of 3, 4, or 5 on these tests are granted college credit for the number of semester hours listed in the *Catalog*. The Advanced Placement Test in English Language and Composition substitutes only for ENG 111 Freshman English.

AP Exam Title	Bryan Equivalent	Credits
Art History	FA 211	3
Biology	BIO 112	4
Chemistry	CHEM 131, 132	8
Computer Science A	CSCI elective	3
Computer Science Principles	CSCI elective	3
Economics-Microeconomics	ECFN 221	3
Economics-Macroeconomics	ECFN 222	3
English-Language & Composition	ENG 111	3
English-Literature & Composition	ENG 211	3
Environmental Science	BIO 115	3
French – Language & Culture	FREN 211, 212	6
German – Language & Culture	Intermediate I, II	6
Government & Politics-Comparative	PSGS 328	3
Government & Politics-U.S.	PSGS 226	3
History – European	HIS 112	3
Human Geography	SS Elective	3
History – United States	HIS 221,222	6
Mathematics-Calculus AB	MATH 122	4
Mathematics-Calculus BC	MATH 122, 221	8
Physics 1	PHYS 241	4
Physics 2	PHYS 242	4

AP Exam Title	Bryan Equivalent	Credits
Physics C (Mechanics)	PHYS 245	4
Physics C (Electricity & Magnetism)	PHYS 246	4
Psychology	PSY 111	3
Spanish – Language & Culture	SPAN 211, 212	6
Spanish – Literature & Culture	Elective	3
Statistics	MATH 211	3
World History	HIS 111, 112	6

## International Baccalaureate Tests

Students who have taken International Baccalaureate (IB) Tests should have official score reports sent to Bryan College in order to be exempt from specific courses or receive college credit for the corresponding courses. Students who have scores of 4, 5, 6, or 7 on the “higher level” IB exam are granted college credit for the number of semester hours listed in the catalog. Credit also is extended to students who score a 6 or 7 on a “subsidiary level” IB exam. Actual credit awarded and course equivalencies will be determined on an individual basis.

## Bryan College Tests (Challenge Tests)

Students who have gained knowledge and acquired skills for which corresponding college credit has not been given may challenge by examination some courses offered by the College. This option is not available for courses in which a CLEP or DSST exam is given. Not all courses are appropriate for a challenge exam, for example, performance based or activity courses, laboratory courses, research courses, practicums, and internships. Typically, only courses that can be evaluated by a comprehensive written exam are eligible.

1. A written request from the student must be approved by the chair of the department for the course, the academic adviser and the Office of the Registrar before the examination is taken.
2. A student may challenge a course only once and must do so prior to enrolling in the course or before completing six weeks in the course.

**Charges for credit earned through proficiency examinations administered at Bryan College are \$25.00 per credit hour. An additional basic charge of \$25.00 is assessed for each test taken.**

## Transfer of Credit

Students transferring to Bryan College from other institutions of postsecondary education obtain advanced standing based on the amount of credit transferred. Only work which is comparable to that at Bryan College in level, nature and content may be accepted for credit toward a degree. Each student’s transcript is evaluated individually on a case by case basis and is, in part, dependent on the major selected.

- 1) Courses transferred to meet Bryan’s core curriculum requirements and major program requirements must approximate courses required at Bryan. Equivalency is judged by the Registrar in the case of core curriculum requirements and electives, and by the Registrar in consultation with the chair of the department in the case of major courses.
- 2) Credits earned at four-year institutions accredited by the appropriate regional accrediting association are transferred with the following exceptions:
  - a) Only credits with a minimum grade of C- (or equivalent) are transferable.
  - b) Up to 30 semester hours of Bible courses are transferable.
  - c) The College will accept credit by transfer which is applicable toward degree requirements (Bible course requirements, core curriculum requirements, major program of study, professional education requirements) and elective credit, up to 93 semester hours. Elective credit beyond that required to meet the 124 semester hour minimum will not be transferred.
  - d) Bible courses used to satisfy the Christian Studies core curriculum requirements must be taken at an ABHE (Association for Biblical Higher Education) or CCCU governing member or associate member institutions.
- 3) Only credit hours are transferred and such hours are not included in the calculation of a student’s GPA.

- 4) Credits earned in two-year institutions accredited by the appropriate regional accrediting association are transferred as follows.
  - a) Students transferring from these institutions must earn a minimum of 62 semester hours at a regionally accredited four-year institution before earning a baccalaureate degree.
  - b) Courses completed as part of an Associate of Arts or Associate of Science degree program are transferable up to a maximum of 62 semester hours.
  - c) Courses completed as part of an Associate in *Applied* Science degree program, which do not satisfy core curriculum requirements or reasonably approximate other courses presently offered at Bryan College, *may* be transferable as electives.
- 5) Credits from schools which are not regionally accredited or which hold specialty/national accreditation are transferred at the option of the College after a thorough review.
- 6) Industrial/technological courses normally are not transferable. These include courses in which the credentials earned depict proficiency in an area of employment skill only (i.e., aviation, automotive mechanics, cosmetology, office administration, welding etc.).
- 7) International students who have post-secondary transcripts that may apply toward a degree at Bryan are responsible for submitting those records to an approved agency that will evaluate and translate the documents. The cost for this service is the responsibility of the student. The official transcript must also be submitted directly to Bryan College as part of the Admissions process.
- 8) All students should be aware that transfer of credit is always the responsibility of the *receiving* institution. If any student is interested in transferring credit hours from Bryan College to another institution, it is up to the student to check with that institution about their transfer credit policies and to determine what may possibly be transferred.
- 9) **Articulation agreement between Bryan and Tennessee's public community colleges:** Bryan College accepts the Board of Regents-approved transfer associate degree from public community colleges in the state of Tennessee. Students earning these degrees are granted 60 semester credits and junior standing upon admission. Since some of Bryan's four-year degree programs require specific course work to be completed as core curriculum classes, students must complete these courses either as part of their associate degree or at Bryan College. (Students planning to transfer should carefully choose their core curriculum courses in consultation with their community college adviser and Bryan in order to ensure that the best selections are made in light of their intended four-year major. Students desiring to earn credit through non-traditional means should consult Bryan policies as well.) The College also requires completion of the Christian Studies core requirements as appropriate for a junior transfer plus the remaining coursework that students with a transfer associate degree must take to finish their baccalaureate program. All courses in the student's major – both lower and upper division – must have a grade of C- or higher. Though admitted with junior standing, graduation at Bryan within two additional years is not guaranteed.

## **Exceptions to Academic Policies and Procedures**

Petition for exception to academic regulations may be made by obtaining the petition form from the Office of the Registrar. The completed form signed by the student, the academic adviser, and the Registrar is submitted to the Vice President for Academics & Provost for consideration. The student will be notified in writing of the decision.

## **Disability Services**

For students with disabilities (as defined by Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act of 1990), Bryan College takes an individual, holistic approach in providing, as required by law, reasonable accommodations.

Eligible students must formally notify the College of their disability, either at the time of admission and before accommodations are requested at the beginning of each semester. The notification must be in writing, must include appropriate documentation, and must be submitted to the ADA Coordinator. Documentation required (to be obtained by the student at his/her expense) includes a formal evaluation by a physician or a professional who is able to diagnose the student's condition. The student will then meet with the ADA Coordinator to discuss what

accommodations may be offered regarding specific needs and services.

Examples of alternative aids that may be appropriate include taped texts, note-takers, interpreters, readers (for test-taking only), additional time for tests, and alternative methods of assessment. The College is not required to supply students with attendants, individually prescribed devices such as hearing aids and wheelchairs, readers for personal use or study, other devices or services of a personal nature, or incompletes / extended semesters. The courts have also ruled that colleges are not required to lower the standards of any program, make fundamental alterations in the essential nature of a program, or assume undue financial or administrative burdens.

The campus ADA Coordinator works under the supervision of the Vice President for Academics & Provost. S/he considers a student's request and documentation and subsequently determines what specific services will be offered by the College. The Coordinator then provides the minimum expectations for accommodations. These accommodations are then provided to the student on a Syllabus Addendum form that student must take to the faculty of each course. A Syllabus Addendum must be completed and on file for each course within the first ten business days of the semester or within ten business days of a diagnosis/approval by the ADA coordinator. Once the basic provisions are deemed acceptable by both the faculty member and the student, the original signed copy must be turned in to the ADA Coordinator. The student or his/her professor(s) may appeal the decisions by contacting the Chair of the ADA Compliance Committee; s/he will work with the ADA Compliance Committee to determine a resolution for appeals/grievances. For more information, please contact the ADA Coordinator.

## **ACADEMIC REGISTRATION**

### **Academic Advising**

Prior to registration all new students participate in an orientation program designed to help guide students into a successful college experience. The ACT or SAT is required for placement in the appropriate English course. Orientation sessions acquaint students with college personnel, community life, co-curricular, and academic programs.

One of the most important advising tools is the college *Catalog*. Students are urged to become familiar with this *Catalog* in order to be able to track their own records and to make certain that they are meeting the graduation requirements which are outlined. The faculty adviser counsels the student on the appropriate choice of curriculum and on the selection of courses for each semester. The Registrar assists the advisers in informing seniors of courses needed to meet degree requirements. Final responsibility, nevertheless, rests with the student for seeing that all degree requirements are met prior to the projected date of graduation.

### **Academic Adviser**

Each student is assigned a faculty member as an academic adviser. The purpose of this academic advising is to assist the student in setting personal, educational, and vocational goals which are consistent with Christian values and in developing an educational program which will carry the student forward toward the realization of these goals. The student meets regularly with the academic adviser prior to registration times and is encouraged to seek freely the adviser's counsel at other times.

### **Pre-professional Studies**

Most professional schools recommend that students gain a broad general background at the undergraduate level. Students who plan to enter graduate or professional school should carefully plan their undergraduate programs with their faculty adviser and should be certain that the program of studies meets all requirements for admission to a particular graduate or professional school.

Pre-professional programs in the health sciences are included in the Department of Biology and Department of Exercise & Health Science.

Students interested in pre-professional programs in church vocations may consult with the Department of Christian Studies or any number of academic departments.

For students interesting in a career in the legal professions the Department of Humanities has pre-law course sequences which have enabled students majoring in these disciplines to enroll in the law school of their choice. Other academic departments also can provide direction and advice regarding law studies.

Students interested in pre-professional studies are encouraged to consult with their academic advisers to ensure they

have an individualized program which will assist them in meeting their career goals.

## Summer and Winter Sessions

Summer and winter sessions are scheduled according to need and demand. Anyone desiring information about these sessions should check <http://www.bryan.edu/courses>.

## Course Scheduling

The class schedule is initially published for preregistration and then is updated as necessary prior to the opening of the semester. The schedule lists courses to be offered by catalog number and title together with the hours of credit awarded, the time and place of class and lab sessions, and the name of the instructor.

The curricula of the *Catalog* and the class schedule are designed primarily with the degree candidate in mind. Any student, who expects to attend the College for less than two years, should ascertain whether courses desired will be offered during the anticipated enrollment period. The College assumes no responsibility to offer courses for students who plan to attend only one or two semesters. Under normal circumstances, no course will be offered unless there is an enrollment of at least eight persons. Exceptions must be approved by the Vice President for Academics & Provost.

Bryan College operates on a semester basis. One semester hour of credit is defined as 15 hours of class work with appropriate out-of-class assignments or 45 hours of laboratory work. Thus, a class which meets three hours a week for 15 weeks (one semester) equals 45 contact hours which will equate to three semester hours credit. A class which meets for class work three hours a week and for laboratory work three hours a week will carry four semester hours credit. Each hour of credit earned through independent study or practicum experience will normally require about 45 hours of student work.

A late registration fee is charged when a student fails to complete the registration process by the close of registration. Failure to complete registration appropriately may result in no credit if the student is not correctly registered in a course, or an *F* if the student is officially enrolled and fails to complete course requirements. The burden of responsibility is on the student to ensure that registration is completed in a timely manner.

## Academic Load

An average full-time student load is 16 hours a semester. The minimum full-time load is 12 hours and the maximum load is 18 hours, although students may attempt more with the concurrence of the faculty adviser and the Registrar. A student who makes a grade point average of 3.0 or above may register for 19 hours. A student who achieves a grade point average of at least 3.25 may register for 20 hours. Full-time students are not permitted to be enrolled concurrently in other institutions without permission.

Students who maintain clear status and successfully complete an average of 15.5 semester hours per semester can complete the minimum 124 semester hours required for most programs in eight semesters.

Some students should carry fewer than the average 16 hours per semester because of a need to work in excess of 10 hours per week, involvement in co-curricular activities (such as drama or intercollegiate athletics), or because of an educational disadvantage. Those who carry reduced loads will need to plan a longer time to complete academic programs.

Some academic programs require more than 124 semester hours. Students enrolled in such programs will need to carry heavier loads or increase the length of time required to complete their programs.

## Activity Courses

Students may earn a maximum of 12 semester hours of credit toward the minimum 124 hours required for graduation through certain activities which overlap the boundary between curricular and co-curricular. These include music ensembles, drama workshops, intercollegiate sports, and news media production. Normally one hour of credit is awarded for each semester of full and active participation in one of these activities, and the grade assigned depends upon the quality and quantity of the participation. A student may not receive both academic credit and financial compensation through the work study program for the same activity.

## **Auditing a Course**

Auditing of lecture-discussion courses on the main campus (excluding labs, private lessons, performance based courses, online courses and independent studies, etc.) is permitted, but the student must register for each course audited and attend classes regularly. The student must continue the course until officially dropped from the roll. A student may not switch from credit to audit after the first six weeks of classes. All students should consult the “Expenses” section of this catalog for auditing fees. Note that preference is given to students enrolling for credit.

## **Double Majors**

Students are permitted to complete more than one major. However, it may take longer to graduate and additional expenses may be incurred. Course scheduling is designed for students attempting one major and so the College is not responsible for resulting schedule conflicts. Additionally, it is the responsibility of the student to seek both permission and academic advisement from *both* majors. Students desiring to complete more than one major may do so provided a minimum of 50% of the hours required in one major do not overlap with the other major. Completing two options within the same major does not constitute a double major or a second degree.

## **Entering Catalog**

The Academic Catalog which is current during the first semester the student is enrolled as a matriculated student contains the requirements that student is to follow. That catalog will remain open to the student until the student either graduates or does not re-enroll for one or more semesters. A student, in consultation with the adviser, may opt for a newer catalog. In the case where a student leaves Bryan with 18 hours or less remaining, the student has one calendar year from the date of last attendance to complete degree requirements under the entering catalog. Prior approval is required if any coursework is taken at another institution.

## **Independent Study**

Bryan College offers students opportunities to earn credit toward graduation requirements through independent study. A maximum of nine credit hours may be earned through independent study by students with a cumulative GPA of at least 3.0 or with the recommendation of three faculty members. Students who desire to do independent study should secure complete guidelines and application forms from the Office of the Registrar.

## **Tutorials**

When a particular course is required for graduation and the enrollment is not sufficient to constitute a regular class, arrangements for individual instruction on a tutorial basis may be requested. Guidelines for tutorials and application forms are available in the Office of the Registrar. All tutorials must have the approval of the Registrar and Vice President for Academics & Provost.

## **Repeating a Course**

Courses taken by a student at Bryan may be repeated in order to improve the grade, subject to availability. This option does not apply to courses which are designed to be taken multiple times (see section below). A repeated course with the corresponding grade will appear on the student’s academic transcript each time the course is attempted, but only the highest grade earned will be used in calculating the student’s cumulative grade point average. If the course is repeated at another institution, credit is transferred to Bryan to fulfill graduation requirements, but the grade is not transferred; therefore, no change of GPA occurs. Students receiving educational benefits from the Veterans Administration may not repeat a course previously passed solely for the purpose of improving the grade. To qualify for payment from the VA, the repeat must be required for graduation. A third attempt will not be eligible for any financial aid.

## **Repeatable Courses**

There are a limited number of courses which may be repeated for additional credit. In these cases a student may not replace a lower grade by taking the course again. The types of courses which are repeatable are music ensembles, varsity athletics, and selected topics (with different topics). Courses which may be repeated for additional credit are as follows:

<b>REPEATABLE COURSES</b>		
<b>Course Number</b>	<b>Course Title (# of credits in a term)</b>	<b>Total career credits</b>
All disciplines	Selected Topics (varies)	Unlimited as long as topic is different
All disciplines	Independent Study (varies)	9 credits total
BIO 319	Current Literature in Origins Research (1)	4
BIO 400	Supervised Research (3)	12
BIO 470	Research Practicum (3)	12
BUS 161	Introductory Free Market Studies (1)	8
BUS 377	Business Internship (1-3)	3
BUS 461	Executive Free Market Leadership (1)	4
CHEM 470	Introduction to Chemical Research (1-4)	4
CM 240	Worship Leadership Team (1)	8
CM 421	Missions: Applications (2)	4
CM 473	Christian Ministry Internship (1-2)	2
COMM 160	News Media Production (1)*	8
COMM 262	Intercollegiate Debate (1)*	4
COMM 475	Communication Internship (1-3)	6
COMM 476	Communication Studies Teaching Assistantship (1-3)	6
CT 203	CLF: Leadership: Jesus & the Kingdom (1)	2
CT 214	Worldview Fellows (1)*	4
EHS 160	Varsity Basketball (1)*	4
EHS 161	Varsity Soccer (1)*	4
EHS 162	Varsity Baseball (1)*	4
EHS 163	Varsity Golf (1)*	4
EHS 164	Varsity Fastpitch Softball (1)*	4
EHS 165	Varsity Volleyball (1)*	4
EHS 166	Varsity Manager & Statistician (1)*	8
EHS 167	Varsity Cross Country (1)*	4
EHS 168	Varsity Cheerleading (1)*	4
EHS 169	Varsity Track & Field (1)*	4
EHS 170	Varsity Martial Arts (1)*	4
LA 290/291	Seminar in Critical Thought (1)	6
MUS 152, 161, 163, 165, 166, 167, 168, 175	Various Music Ensembles (1)*	Any ensemble may be taken up to 8 times
MUS 169	Opera/Music Theatre Workshop (1)*	8
MUS 375	Internship (2)	4
PSGS 260	Mock Trial (2)*	4
PSGS 290	Political Readings Seminar (1)	3
PSGS 350	Political Seminar (1)	2
PSGS 475	Internship (1-6)	6
PSY 472	Psychology Practicum (2-6)	6
PSY 475	Teaching Assistantship (1-3)	6
THT 161	Theatre Practicum (1)*	4
THT 231	Intermediate Theatre Practicum (1)	2
THT 331	Advanced Theatre Practicum (1)	2

\* A grand total of 12 credits may be earned in these courses.

## Schedule Adjustments

Students may not drop a course, begin a new course, or make any change in their schedules after registration is completed (which includes the initial drop/add segment of registration) without the permission of the academic adviser and the Registrar. Students who receive financial aid must check with the Financial Aid Office before taking less than 12 semester hours. No courses may be added after the end of the drop/add segment of registration which concludes at 5 p.m. on the eighth day (excluding weekends) of the semester during the regular fall and spring semesters. For sessions which

are of shorter duration than the traditional fall and spring semesters the drop/add period and withdrawal period will be adjusted according to the length of the term.

Additionally, all new registrations (for both new and returning students) must be initiated no later than the first Friday of the regular fall and spring semesters.

If a student withdraws from a class, or from the College, before the end of the drop/add segment, no grades will be recorded on the academic transcript. Following the drop/add period, a student may withdraw with a *W* from a course by receiving written permission from the adviser and the Registrar. In the fall semester the last day to withdraw from a course is the Friday prior to Thanksgiving. In the spring semester the last day to withdraw from a course is the Friday prior to the last three weeks of classes plus finals week. Following the last day to withdraw a student will receive a final letter grade whether he/she chooses to complete the course or not. For sessions which are of shorter duration than the traditional fall and spring semesters the drop/add period and withdrawal period will be adjusted according to the length of the term.

After the drop/add segment any student who attends classes for which he/she is not registered or stops attending classes for which he/she is registered without filing (in the Office of the Registrar) a registration adjustment form (drop/add) may be penalized by receiving a grade of F or by loss of credit. The Registrar *may* permit a student to file a registration adjustment form after the fact, but a fee of \$20.00 will be levied.

### **Administrative Withdrawal**

Students are expected to prepare for and attend all classes for which they are registered and to act in a manner consistent with an academic environment while attending class. The instructor may assign an administrative withdrawal (AW), subject to the approval of the Vice President for Academics & Provost, when the student consistently fails to abide by the attendance policy established for the class and/or exhibits disruptive or unruly behavior in class.

A grade of AW would be considered punitive and calculated in the grade point average as an 'F'. Such students have seven calendar days to respond to written notification that their continuation in the class is in jeopardy. Students are responsible for correspondence that is sent to them via their Bryan e-mail account or to their campus mailbox. Students are also responsible for maintaining an accurate home mailing address with the College. Failure to respond appropriately within the seven day period and to correct the behavior to the satisfaction of the instructor will result in an AW in the course. If one grade of AW is assigned all other instructors for that student will be contacted to see if there are other attendance issues. And, if such behaviors are the rule rather than the exception, the student is subject to dismissal from the College. An AW grade, once assigned, is final and cannot be removed by withdrawal from the course or from the College. No refunds of any kind will be made in the case of an administrative withdrawal.

A request for an administrative withdrawal must be initiated no later than seven days prior to the last day for the student to withdraw from the course in question.

**DURING DROP/ADD:** Students who fail to attend a course during the drop/add period without prior permission from the instructor may be dropped from the course by the instructor.

## **Official Means of Communication**

All enrolled students are issued a Bryan College email account. Students are responsible for monitoring this email account on a regular basis and are responsible for information from Bryan College that is communicated in this way. Emails sent to a student's @bryan.edu account from Bryan College Administration, faculty, and staff are considered official College communication.

## **Course Numbering**

The letter prefix for course numbers indicates the academic discipline: BIB-Bible, BIO-biology, etc. The digit in the hundreds numerical place designates the level: 100 through 199-freshman level, 200 through 299-sophomore level, 300 through 399-junior level, and 400 through 499-senior level. Courses in the 100's and 200's are referred to as lower division courses and those in the 300's and 400's as upper division courses. Courses numbered below 100 are remedial/developmental courses and the credit does not apply toward graduation.

The digit in the tens numerical place indicates the content of the course: -10 to -19 are assigned to courses offered primarily to meet core curriculum requirements; -20 to -59 are assigned to courses offered primarily to meet major

program requirements; -60 to -69 are assigned to co-curricular activities such as chorale, intercollegiate sports, drama workshop, etc.; -70 to -79 are assigned to independent study and practicums; and -90 to -99 are assigned to selected topics and seminar courses.

## Withdrawal from the College

To withdraw from the College, a student must complete and submit to the Student Life Office a withdrawal form. Any student under 18 years of age, or any student whose account is paid by someone else, must have written approval for withdrawal from the person responsible for his account.

Students who officially withdraw from the College will have W's recorded on their transcript for each course in progress. A student who leaves school without filing official forms will receive AW's (administrative withdrawals) in all in progress courses.

When serious illness or extreme emergency forces a student to leave college during the last four weeks of the semester (last three class weeks and exam week), arrangements for the possible completion of academic work are governed by a policy statement published in the *Faculty-Administration Guide*.

## Classification of Students

Students are classified according to the following academic standards:

<b>FRESHMAN</b>	Admission to freshman standing.
<b>SOPHOMORE</b>	At least 27 semester hours of credit.
<b>JUNIOR</b>	At least 56 semester hours of credit and, normally, acceptance as a major in an academic discipline.
<b>SENIOR</b>	At least 85 semester hours of credit, a 2.0 average, and a completed Application for Graduation on file with the Office of the Registrar.
<b>VISITING</b>	A visiting student is any student not working toward a degree at Bryan College, including transient students regularly enrolled in another institution but taking coursework at Bryan for transfer purposes. In addition, students who already hold a bachelor's degree who are taking additional undergraduate work, as well as non-traditional students who wish to undertake college work, but who do not intend to earn a degree, also come under this heading.

## COMPUTATION OF GRADE POINT AVERAGES

A student's Grade Point Average (GPA) is determined by dividing the sum of the quality points earned by the sum of the semester hours attempted. Averages are computed only for work taken at Bryan and are shown in detail on the student grade report which is maintained and available through the Office of the Registrar.

A student who wishes to contest a grade should submit a written request to the instructor of the course. A form is available from the Office of the Registrar. This request should be submitted as soon as possible but no later than one year from the end of the term of the course in question.

## Grading Practices and Standards

Symbol	Quality Points	Explanation
A	4.0	Work which fulfills course requirements at a superior level of performance and which manifests outstanding interest, effort, responsibility, and creativity.
A-	3.7	
B+	3.3	Work which fulfills course requirements at an above average level of

B	3.0	performance and which manifests above average interest, effort, responsibility, and originality.
B-	2.7	
C+	2.3	Work which fulfills course requirements at an average level of performance and which manifests adequate interest, effort, responsibility, and improvement.
C	2.0	
C-	1.7	
D+	1.3	Work which falls short of fulfilling course requirements at an average level of performance and which manifests a lack of interest, effort, responsibility or which shows a need for improvement.
D	1.0	
D-	0.7	
F	0.0	Failure, carries no credit, and is given for work which fails to meet minimum course requirements.
AW	0.0	
AU	Audit	
P	Pass – equivalent to a C- or higher. Used only for designated courses such as extracurricular activities, music ensembles, and theatre practicums.	
I	A grade of Incomplete is given only when extended illness or other circumstances beyond the student’s control prevent the student from completing assignments or from taking the final examination. An Incomplete is not given to allow a student time to do make-up or other work to influence a grade for which the work in reality has already been completed. No grade of Incomplete will be recorded unless formally requested by the student and approved by the Vice President for Academics & Provost. Students who receive an <i>I</i> are required to complete coursework within eight weeks from the last day of the exam period, unless an extension approved by the teacher and the registrar is granted. After this period, the <i>I</i> becomes an <i>F</i> and is recorded on the student’s transcript.	
W	Withdrawn from the course	
AW	Administrative Withdraw (calculated as an F)	
S*	Satisfactory (used for developmental courses)	
U*	Unsatisfactory (used for developmental courses)	
NR	Not reported	
NC	No credit	

### ***Grading Scale***

The grading scale used for all undergraduate-level courses is listed below:

A	93% - 100%	C	73% - 75.99%
A-	90% - 92.99%	C-	70% - 72.99%
B+	86% - 89.99%	D+	66% - 69.99%
B	83% - 85.99%	D	63% - 65.99%
B-	80% - 82.99%	D-	60% - 62.99%
C+	76% - 79.99%	F	less than 60%

### **Academic Appeals Process**

If a student believes that a grade in a class is incorrect or that the professor has not graded the work in a responsible manner, he or she has the right to appeal the grade, in writing, to the Vice President for Academics & Provost within 90 days of the final grade being posted to the student’s transcript. The appeal will be heard by the Academic Appeals Committee at their next regular meeting. Appeals made after the 90 day window, inclusive of non-business days and standard college vacation days, will not be considered valid and may not be entertained by

the Committee. The decision of the Committee is final and no further appeal is available. Details as to the construction of the appeal letter and its contents can be obtained by contacting the Academic Office.

## Honors and Awards

### Dean's List

At the end of each semester, the Office of the Registrar publishes the Dean's List, which includes the top 25% of full-time students provided they have a minimum current term grade point average of at least 3.5.

### Awards

In addition to the academic awards described in this section the following awards are given annually:

The *P.A. Boyd Awards* are annual awards given in accordance with the terms specified by the original underwriter of the award, Mr. P.A. Boyd of Bloomfield, New Jersey. Ordinarily, awards are made to a man and a woman in the senior class. No award is made if in the opinion of the faculty no student qualifies. These awards are given to the students whose powers and attainments of body and mind and whose principles and character have secured for them the highest degree of influence over their fellow students. Candidates for these prizes must manifest nobility of character, fearlessness, and self-sacrificing devotion to the ideals of a purposeful life, and an active identification in constructive work for the best interest of student life in the College.

*Faithfulness and Loyalty Awards* are given to two seniors (one male/one female) who, in the judgment of the faculty and administration, have contributed most in faithfulness and loyalty to the welfare of the College.

The *Judson A. Rudd Testimony and Influence Award* is a cash award given by an anonymous donor for the upperclassman having an outstanding Christian testimony and exerting the best Christian influence on incoming students. This selection is made by freshmen utilizing a secret ballot.

The *Melvin M. Seguire Award* is an annual award of \$500.00 to a graduating male student who has been enrolled at Bryan for at least two years and who plans to do graduate work that will lead to a missionary or pastoral career.

### Faculty Graduation Awards

Each year in which there are qualified candidates, prizes are awarded by the faculty to the senior who having completed at least 112 semester hours at Bryan has the highest scholastic record while attending Bryan College. As well as to two seniors (one male/one female) who in the judgment of the faculty have achieved the most progress while attending Bryan College.

## Graduation with Honors

Upon the recommendation of the faculty, a candidate for a bachelor's degree who has taken at least 48 semester hours of graded coursework at Bryan, will be graduated with traditional Latin honors as follows:

*cum laude* for a cumulative grade point average of 3.60-3.74

*magna cum laude* for a cumulative grade point average of 3.75-3.89

*summa cum laude* for a cumulative grade point average of 3.90-4.00

Graduation with "Honors" is not to be confused with graduation from the Bryan Honors Program, which is described under the Special Programs section in this *Catalog*.

## Course Expectations

### Course Requirements

Each instructor is required to give class members a syllabus during the first week of classes, which explains course objectives and requirements, class attendance policy, and the grading system that will be used. Students are responsible for fulfilling course requirements as outlined in the syllabus. The instructor may make reasonable modifications in course requirements, but these will be announced sufficiently far enough in advance to avoid undue hardship. Students are

expected to complete all assigned work and take all examinations. Students will be graded on their performance in achieving the objectives of the course. Failure to complete assignments or to take tests will result in appropriate reduction in grades.

### **Class Attendance Policy**

Attendance at classes is encouraged and expected by the College. Attendance policy for lower division courses is noted below. Attendance policy for upper division courses is at the discretion of the faculty member and will be outlined in the course syllabus. Each instructor must be able to document a student’s last day of attendance. Students are responsible for any work missed when they are absent from a class.

#### **Attendance Policy for 100/200 Level Courses**

Excused absences include absences for illness, personal emergency, or school-sponsored activities. To be considered an excused absence for illness or personal emergency, the student must turn in to the professor a note from a doctor or appropriate person (RD, counselor, ADA coordinator, parent with whom student lives). In order for professors to receive notification of the proper documentation, documentation must be taken to the *Office of Student Life*.

Allowed absences are defined by the below chart, each unexcused absence in excess of the specified allowed absences will result in a 5% reduction in the final course grade. Exceeding the maximum number of allowed excused absences will result in failure of the course or in being administratively withdrawn from the course.

<b>Credit hours of course</b>	<b>Number of class meetings per week</b>	<b># of unexcused absences permitted</b>	<b>% lost on final grade per each day missed after unexcused absences</b>	<b>Maximum # of unexcused absences before academic withdrawal or course failure</b>
1	1	1	5%	4
1	2	1	5%	4
2	2	2	5%	6
2	1	1 class meeting	10%	3
3	1	1 class meeting	15%	3
3	2	2	7.5%	6
3	3	3	5%	8
4 (class meeting)	3	3	5%	8
4 (class meeting)	2	2	7.5%	6
Lab	1	1	5%	4

### **Course Examinations/Final Examinations**

Unit tests and mid-semester examinations are administered at the professor’s discretion. Students are expected to be present for all scheduled tests and examinations. If absence is necessary because of illness or other emergency, the student must make appropriate arrangements with the course instructor.

The last four days of each semester are set aside for final exams. The final exam period is a part of the regular academic calendar. Each student is expected to make arrangements to remain on campus to complete all scheduled examinations. At the discretion of the faculty member, each senior completing the final semester with at least a *B* average

in the course in question *may* be exempted from the final exam in the course. No classes are held during the final exam period. All charges, fees, penalties and student accounts are to be paid before final exams are taken.

### **Changing Final Exam Schedule**

Students desiring a change in the time of a scheduled final exam must submit a request to [provost@bryan.edu](mailto:provost@bryan.edu) no later than 30 days in advance of the exam period. In the case of illness or emergency during finals week, faculty will be officially notified by the Academic Office.

Students are reminded to consult the final exam schedule early each semester and to make all necessary arrangements, *including transportation*, in order to remain on campus to complete all exams according to the published schedule.

# Satisfactory Academic Progress

## For Continuation

Standards for demonstrating satisfactory academic progress for continuation are shown below. Students whose grades fall below these levels are placed on academic restriction and/or probation. Students participating in intercollegiate athletics or acting as cheerleaders must maintain institutional standards for participation in extracurricular activities.

## Academic Restriction

When the *current* term grade point average of a freshman falls below 1.75 or when that of any other student falls below 2.0, the student is placed on academic restriction for the following semester. The faculty adviser may limit the academic load of the restricted student.

## Academic Probation

When a continuing freshman's *cumulative* grade point average falls below 1.5, when that of a sophomore falls below 1.75, or when that of a junior or a senior falls below 2.0, the student is placed on academic probation. The academic probation student has one semester to remove this status and if failing to do so may re-enroll only with the express approval of the Academic Council.

Students on probation may be limited in academic load and work hours. Continuing students who meet one of the following conditions will be considered to be in good standing to participate in extracurricular activities, with registration limited to one activity per semester: on restriction but not on probation, or on probation but not on restriction.

Music majors and minors on probation will be required to participate in and to register for one musical ensemble approved by the Chair of the Department of Performing Arts in order to meet their academic requirements. However, they may neither register for nor participate in other extracurricular activities while they are on probation. (To be considered a music major or minor for the purpose of participation, the probation students must be registered in an academic music course or have previously been officially accepted as a music major or minor by the Department of Performing Arts).

	<b>Student is placed on <u>Restriction</u> if:</b>	<b>Student is placed on <u>Probation</u> if:</b>
Freshman (1-26 credits earned)	Term average < 1.75	Cumulative average < 1.5
Sophomore (27-55 credits earned)	Term average < 2.0	Cumulative average < 1.75
Junior (56-84 credits earned)	Term average < 2.0	Cumulative average < 2.0
Senior (85+ credits earned)	Term average < 2.0	Cumulative average < 2.0

## Academic Condition

New students who do not meet standards for clear admission may be admitted on academic condition. The student on academic condition has one semester to remove this status; failing to do so means the student may only re-enroll with the express approval of the Academic Council and/or the Vice President for Academics & Provost. In order to remove the conditional status a first-time freshman must earn at least a 1.75 grade point average and a transfer must earn at least a 2.0 grade point average by the end of the first semester. New freshmen or new transfer students admitted on condition may neither participate in nor register for any extracurricular activities (i.e., intercollegiate sports, music ensembles, drama workshop, or any other activities which require large segments of time or absence from class).

## Clearing Conditional Admission

Satisfactory grade levels for clear admission are outlined in the Admissions section of this *Catalog*. New students admitted with high school or college grades below these levels are enrolled on a conditional basis and have one semester to establish grades of a clear status level, unless the Academic Council grants permission to continue beyond the one semester.

## Academic Suspension and Dismissal

A student who is still classified as an academic freshman (less than 27 earned hours) after three semesters of full-time enrollment at any college will not be allowed to continue as a full-time student without the permission of the Academic Council.

A student on condition/probation who fails to remove probationary status in one semester will normally be suspended. The Academic Council will give consideration to the student's continuance for one additional semester only if the student has shown sufficient improvement in academic performance during the probationary semester to indicate a good probability of success toward graduation.

When a student's grade point average falls to a point where there is no reasonable possibility of bringing it to the level required for graduation, the student will be dismissed. A student dismissed for academic reasons may apply for re-admission, but will be re-admitted with the approval of the Academic Council. In addition, a student so dismissed will be encouraged to pursue his/her education elsewhere for a period of at least 12 months.

Additionally, applicants who knowingly submitting inaccurate, misleading, and/or falsified documents, which would include the omission of information and/or documents, during the admission process would be referred to the Dean or Vice President for Academics & Provost. Such actions would be grounds for dismissal.

## Transcript of Record

The Office of the Registrar keeps on file a permanent record of all credits earned by each student. Transcripts of record are issued only upon receipt of a written request signed by the student in accordance with the Family Educational Rights and Privacy Act. Before an official transcript of record will be issued, the student's financial obligations at the College must have been met, and there must be no record that the student is in default status on any student loan. A \$6.00 fee is currently being charged for each transcript providing it can be reproduced in the normal course of business. Transcripts required in 48 hours or less require \$25.00 plus the cost of speed posting (FedEx or other means). Transcript requests may also be submitted electronically through the National Student Clearinghouse.

## Family Educational Rights and Privacy Act (FERPA)

**Purpose** : The purpose of the Family Educational Rights and Privacy Act is to protect the privacy of parents and students by governing access to records maintained by certain educational institutions and agencies and the release of such records.

**Conformity** : Bryan College hereby pledges conformity to the provisions of the law and notifies parents and students as to their rights with respect to records maintained on students who are, have been, or will be enrolled at Bryan College.

**Rights** : A student may have access to official records directly related to that student, within the provisions of the law. A student may have a hearing to challenge records on the grounds that they are inaccurate, misleading or otherwise inappropriate. The written consent of the student will be secured before releasing personally identifiable data about the student from records to other than the following list of exceptions:

1. Parents of a financially dependent student;
2. School officials and authorized personnel at Bryan College, with "authorized" meaning only those persons who need specific records to carry out their designated responsibilities;
3. Auditors or authorized program evaluators or representatives of Federal Financial-Aid Programs or other federally sponsored educational programs, with no release of personally identifiable information permitted by such persons;

4. Accrediting organizations for the purpose of carrying out accrediting functions only;
5. Appropriate persons if the knowledge of such information is necessary to protect the health or safety of the student or other persons;
6. School officials and Bryan College students for directory information and newspapers and other public media for recognition of awards, degrees, and activities unless the student prohibits the release of such information by August 1 of each year by giving in writing a request to the Public Relations Office of the College that a particular type(s) of item(s) be omitted (see section on "definitions" for directory information);
7. Courts in compliance with judicial order or subpoena, with the student being notified of all such orders in advance of the compliance;
8. Any other legitimate persons to whom the records are available by law

Students may not have access to financial information submitted by parents without the written permission of the parent received by the Financial Aid Office. Parents of financially dependent students have access to the records of their children in post-secondary institutions even though such students may be over the age of 18. Parents of financially-independent students may not have access to any records of their children in college unless the student signs a form releasing the specific record to the parent. Although waivers may not be used as a condition for admission to, receipt of financial aid from, or receipt of any other services or benefits from such agency or institution, the student or person applying for admission may waive his right of access to recommendations, provided the student or person is, upon request, notified of the names of all persons making confidential recommendations and such recommendations are used solely for the purpose of their specified intention.

**Definitions:** "Directory Information" means a student's name, telephone listing, campus address and campus e-mail address, photograph, date and place of birth, hometown and home state, major field of study, classification, participation in officially recognized activities and sports, weight and height of members of the athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student. "Education Records" means those records, files, documents, and other material which contain information directly related to a student and which are maintained by an education agency or institution. The term does not include records of instructional, supervisory, and administrative personnel and educational personnel ancillary thereto which are in the sole possession of the maker thereof and which are not accessible or revealed to any other person except a substitute. The term does not include records on a college student which are created or maintained by a physician, psychiatrist, psychologist, or other recognized professional or paraprofessional acting in his professional or paraprofessional capacity, and which are created, maintained, or used only in connection with the provision of treatment to the student, and are not available to anyone other than persons providing such treatment, provided, however, that such records can be personally reviewed by a physician or any other appropriate professional of the student's choice. The term "Education Records" does not include records made and maintained in the normal course of business which relate exclusively to an employee of the institution and are not available for use for any other purpose.

**Categories, Locations, Sources, and Routine Uses of Records:** Records pertaining to students are kept in the following offices: Business, Counseling, Registrar, Student Life, Financial Aid, and Career Services.

**Inquiries:** Inquiries may be addressed to the chief administrative officer of any of the offices in which records are kept until such time as one person in the College is designated as the one in charge of all aspects pertaining to the Family Educational Rights and Privacy Act.

**Record Access Procedures:** The student and/or the parent (whichever is entitled to have access to records) may request permission, in writing, to see a particular record pertaining to the student, after which the College will show the particular item or record or make a copy of the particular item or record at the expense of the student or parent. The charge is fifteen cents per sheet. The student or parent will have access to the record as soon as reasonably feasible, but no later than forty-five days after the request has been received or by whatever time is allowed by amendments to the law.

**Office and Review Board:** A student will be provided a hearing at Bryan College to challenge records on grounds that the records are inaccurate, misleading, or otherwise inappropriate.

**Statement of Good Faith:** Bryan College accepts the intent of this law, the Family Education Rights and Privacy Act, as a worthy goal and will endeavor to work within the guidelines of the law as they are understood at this time. As additional clarifications are made, adjustments will be made in the policies at Bryan College with respect to this law. Anything, therefore, that is included in this section of the *Catalog* that is in conflict with interpretation of the guidelines that have

been or will be provided by federal government will give way to such interpretations. Information contained in this *Catalog* cannot of necessity be all-inclusive of the guidelines provided by the law, but it does serve its purpose in notifying parents and students of their primary rights as provided by the Family Educational Rights and Privacy Act.

**Addendum:** As of January 3, 2012, the U.S. Department of Education's FERPA regulations expanded the circumstances under which education records and personally identifiable information (PII) contained in such records — including Social Security Number, grades, or other private information — may be accessed without the student's consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to records and PII without consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to education records and PII without consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without consent PII from education records, and they may track participation in education and other programs by linking such PII to other personal information about students that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

## Completion Rates

In compliance with federal regulations, the following information shows the rate at which students complete their programs of study.

### **Full time, first time freshmen entering in fall of 2012 (195 students)**

Students graduated by August 2016 (4-year completion rate) - 81 or 42%

Students graduated by August 2017 (5-year completion rate) – 96 or 49%

Students graduated by August 2018 (6-year completion rate) - 97 or 50%

Total number of graduates: 97

The student/faculty ratio is 12:1

## Title II of the Higher Education Act

In compliance with reporting regulations of Title II of the Higher Education Act, the Education Department of Bryan College reports the following for the 2017-2018 reporting year:

- Summary Pass Rate on the required Praxis II examinations:
  - Bryan College licensure program completers – 100%
  - State of Tennessee – 100%
- Praxis II Professional Knowledge Pass Rate:
  - Bryan College licensure program completers – 100%
  - State of Tennessee – 96%
- 20 students completed the licensure programs with an average of 450 hours of supervised practice teaching. The student-faculty ratio for the supervised practice teaching was 10:1.
- Bryan College has been approved by the Tennessee State Board of Education for teacher education and licensure.

## **Traditional Undergraduate Programs**

## COMMON ACADEMIC DEFINITIONS

**Academic department:** An organizational structure comprised of one or more academic majors that are similar in discipline.

**Academic program:** A course of study within an academic department that does not lead to a degree. A program may be a minor or an option.

**Activity course:** A course that emphasizes and is dependent upon performance and participation as well as intellectual comprehension. Typical activity courses are exercise and health science activities, music ensembles, drama workshops, publication workshops, etc.

**Discipline:** A generally recognized area of academic and scholarly inquiry.

**Lab course:** A course which contains structured, prescribed, science laboratory experiences which are essential to the students' understanding and comprehension of the subject being studied. One semester hour of credit involves 45 hours of laboratory work.

**Load:** The total number of semester hours taken by a college student. The average full-time student will carry a load of 15-16 semester hours each semester. The minimum load for a full-time student is 12 semester hours. The normal maximum load is 18 semester hours.

**Major:** A focused study in one or more disciplines that includes a minimum of 30 semester hours beyond the 100-level foundational courses with at least 40 percent of the total required semester hours at or above the 300-level. A major is comprised of specific courses and may contain options for specialization.

**Minor:** A focused study in a single discipline that consists of a minimum of 18 semester hours with at least 30 percent of the total required semester hours at or above the 300-level.

**Option:** An approved cluster of courses that permits specialization within a major, which is generally 12 or more credit hours.

**Semester hour:** The basic unit of academic credit granted by Bryan College. One semester hour is equal to 15 hours of class work with appropriate out-of-class assignments or 45 hours of laboratory work. A class which meets three hours a week for a semester will ordinarily carry three semester hours credit.

# DEPARTMENT OF BIOLOGY

## Vogel School of Engineering

### Purpose Statement

The Department of Biology introduces students to the history, methodology, and discoveries of life sciences through classroom, laboratory, and field experiences, so that they can explore and understand God's creation more fully, serve others more effectively, and execute responsible dominion over creation.

### Educational Objectives

1. Students will develop their knowledge and understanding of the life sciences.
2. Students will adopt safe laboratory techniques and procedures.
3. Students will solve problems using standard scientific methods in biology, and will satisfactorily communicate their findings, both orally and in writing.
4. Students will develop attitudes and habits based upon an integrated knowledge of both the Bible and the natural sciences. They will evaluate philosophical and ethical issues in the life sciences with reference both to biblical standards and to scientific data.
5. Biology majors will do all of the above, and in addition will exhibit competence in biology at the level required for vocations in biology, including secondary school teaching and entrance to nursing, medical and graduate schools.

The department encourages additional coursework or summer research programs at university or national research laboratories or the Au Sable Institute.

### Requirements for a Major in Biology

**Major: Biology**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Sixty-five hours are required for a major in Biology\*:**

BIO 112 General Biology I	4 hours	BIO 421 Molecular & Cellular Biology Research	
BIO 113 General Biology II	4 hours	BIO 470 Research Practicum	
BIO 310 Philosophy of Science	2 hours	BIO 499 Seminar in Biology	2 hours
BIO 317 History of Life	3 hours	CHEM 132 General Chemistry II	4 hours
BIO 321 Cell Biology	4 hours	CHEM 241-242 Organic Chemistry I & II	8 hours
BIO 325 Genetics	4 hours	MATH 211 Elementary Statistics	3 hours
BIO 340 Environmental Ecology	4 hours	PHYS 241-242 General Physics I & II	8 hours
Choose ONE from:	3 hours	BIO electives (at least 4 cr must be 300/400 level)	12 hours
BIO 400 Supervised Research			

\*Biology majors must choose BIO 110 God's Revelation in Biology and CHEM 131 General Chemistry I for the Core Curriculum natural science requirement. Biology majors must also choose MATH 117 Precalculus (or MATH 119 or 122) to meet the Core Curriculum math requirement.

**Major: Biology****Degree: B.S.****Option: Secondary Licensure****Minimum Semester Hours Required: 124****Seventy-three hours are required for Biology Licensure\*:**

(For additional requirements see the Education Department.)

BIO 112-3 General Biology I&II	8 hours	EDUC 324 Exceptional Children	2 hours
BIO 210 Introduction to Anatomy & Physiology	4 hours	EDUC 338 Universal Teaching Methods	3 hours
BIO 310 Philosophy of Science	3 hours	EDUC 340 Curriculum Design	2 hours
BIO 317 History of Life	3 hours	EDUC 420 Philosophy of Education	2 hours
BIO 340 Environmental Ecology	4 hours	EDUC 440 Education Capstone	2 hours
BIO 440 Methods of Teaching Science	4 hours	EDUC 442 Observation & Student Teaching in Secondary Education	12 hours
CHEM 132 General Chemistry II	4 hours	EHS 221 Safety Education & First Aid	2 hours
EDUC 119 Introduction to Teaching	2 hours	EHS 222 School & Community Health	2 hours
EDUC 224 Human Learning	3 hours	PHYS 213 Geo-Physical Science Survey	4 hours
EDUC 226 Classroom Management	2 hours		
EDUC 311 Instructional Technology	3 hours		
EDUC 323 Tests and Measurements	2 hours		

\*Biology with licensure must choose BIO 110 God's Revelation in Biology and CHEM 131 General Chemistry I for the Core Curriculum natural science requirement. And MATH 211 Elementary Statistics for the core curriculum math requirement.

**Requirements for a Major in Health Science****Major: Health Science****Degree: B.S.****Minimum Semester Hours Required: 124****Forty-two hours are required for a major in Health Science\*:**

BIO 112 General Biology I	4 hours	BIO 430 Medical Terminology	1 hour
BIO 113 General Biology II	4 hours	BUS 111 Introduction to Computer Systems with Business Applications	3 hours
BIO 220 Introduction to Nutrition	3 hours	CHEM 132 General Chemistry II	4 hours
BIO 224 Microbiology	4 hours	COMM 331 Intercultural Communication	3 hours
BIO 310 Philosophy of Science	2 hours	ENG 213 World Literature I	3 hours
BIO 323 Advanced Human Anatomy & Physiology I	4 hours	PSY 330 Life-span Development	3 hours
BIO 324 Advanced Human Anatomy & Physiology II	4 hours		

\*Health Science majors must choose BIO 110 God's Revelation in Biology and CHEM 131 General Chemistry I for the Core Curriculum natural science requirement, FA 211 Introduction to Fine Arts for the Creative Arts elective, HIS 111 or 112 Western Civilization I or II for the History Survey elective and MATH 211 Elementary Statistics for the math elective.

**Requirements for a Minor in Biology****Twenty hours are required for a minor in Biology:**

BIO 110 God's Revelation in Biology	4 hours	BIO 113 General Biology II	4 hours
BIO 112 General Biology I	4 hours	BIO upper level electives	8 hours

# DEPARTMENT OF BUSINESS, COMMUNICATION, AND ECONOMICS

## School of Professional Studies

### Purpose Statement

The Department of Business, Communication and Economics seeks to prepare students with the professional skills and academic breadth of knowledge necessary for leadership and service. An emphasis is placed on the ability to solve practical and theoretical problems, to think critically and analytically, and to integrate Christian principles with practice.

### Educational Objectives

#### Student Learning Goals

1. Students will evidence the professional skills and academic breadth of knowledge necessary to function effectively in entry-level positions, new business, or in graduate study.
2. Students will be able to integrate Christian principles and ethics into practice.
3. Students will display skills in critical thinking and the communication of ideas.

#### Operational Goals

1. The Department will promote the professional development of its faculty.
2. The Department will establish and maintain an institutional culture of systematic quality improvement.

### Requirements for a Major in Business Administration

#### Major: Business Administration

Degree: A.S.

Minimum Semester Hours Required: 60

Twenty-seven hours are required in Business Administration in the Associate of Science degree program\*:

ACCT 231 Principles of Accounting I	3 hours	ECFN 221 Principles of Economics I (Micro)	3 hours
ACCT 232 Principles of Accounting II	3 hours	ECFN 222 Principles of Economics II (Macro)	3 hours
BUS 111 Introduction to Computer Systems with Business Applications	3 hours	MATH 211 Elementary Statistics	3 hours
BUS 121 Introduction to Business	3 hours	MGT 237 Principles of Management	3 hours
		MKT 243 Principles of Marketing	3 hours

\*Business majors must choose MATH 115 College Algebra for the core curriculum math requirement.

#### Major: Business Administration

Degree: B.S.

#### Option: Accounting

Minimum Semester Hours Required: 124

Sixty-nine hours are required for a major in Business Administration: Accounting option\*:

ACCT 231 Principles of Accounting I	3 hours	ACCT upper level elective	3 hours
ACCT 232 Principles of Accounting II	3 hours	BUS 111 Introduction to Computer Systems with Business Applications	3 hours
ACCT 331 Intermediate Accounting I	3 hours	BUS 121 Introduction to Business	3 hours
ACCT 332 Intermediate Accounting II	3 hours	BUS 326 Legal Environment for Business	3 hours
ACCT 336 Tax Accounting	3 hours	BUS 377 Business Internship	1 hour
ACCT 338 Cost Accounting	3 hours	BUS 448 International Business	3 hours
ACCT 421 Auditing	3 hours		

BUS 497 Business Seminar	2 hours	MATH 211 Elementary Statistics	3 hours
ECFN 221 Principles of Economics I (Micro)	3 hours	MGT 237 Principles of Management	3 hours
ECFN 222 Principles of Economics II (Macro)	3 hours	MGT 424 Management Information Systems	3 hours
ECFN 325 Principles of Finance I	3 hours	MGT 492 Policy & Strategy	3 hours
ECFN 326 Principles of Finance II	3 hours	MKT 243 Principles of Marketing	3 hours
ECFN 439 Managerial Economics	3 hours		

\*Business majors must choose MATH 115 College Algebra for the core curriculum math requirement.

**Major: Business Administration**

**Degree: B.S.**

**Option: Economics and Finance**

**Minimum Semester Hours Required: 124**

**Sixty-six hours are required for a major in Business Administration: Economics and Finance option\*:**

ACCT 231 Principles of Accounting I	3 hours	ECFN 222 Principles of Economics II (Macro)	3 hours
ACCT 232 Principles of Accounting II	3 hours	ECFN 325 Principles of Finance I	3 hours
<b>ONE</b> upper-level ACCT elective	3 hours	ECFN 326 Principles of Finance II	3 hours
BUS 111 Introduction to Computer Systems with Business Applications	3 hours	ECFN 342 Intermediate Finance	3 hours
BUS 121 Introduction to Business	3 hours	ECFN 439 Managerial Economics	3 hours
BUS 326 Legal Environment for Business	3 hours	<b>THREE</b> upper-level ECFN electives	9 hours
BUS 377 Business Internship	1 hour	MATH 211 Elementary Statistics	3 hours
BUS 448 International Business	3 hours	MGT 237 Principles of Management	3 hours
BUS 497 Business Seminar	2 hours	MGT 424 Management Information Systems	3 hours
ECFN 221 Principles of Economics I (Micro)	3 hours	MGT 492 Policy & Strategy	3 hours
		MKT 243 Principles of Marketing	3 hours

\*Business majors must choose MATH 115 College Algebra for the core curriculum math requirement.

**Major: Business Administration**

**Degree: B.S.**

**Option: Management**

**Minimum Semester Hours Required: 124**

**Sixty-six hours are required for a major in Business Administration: Management\*:**

ACCT 231 Principles of Accounting I	3 hours	ECFN 222 Principles of Economics II (Macro)	3 hours
ACCT 232 Principles of Accounting II	3 hours	ECFN 325 Principles of Finance I	3 hours
<b>ONE</b> upper-level ACCT elective	3 hours	ECFN 326 Principles of Finance II	3 hours
BUS 111 Introduction to Computer Systems with Business Applications	3 hours	ECFN 439 Managerial Economics	3 hours
BUS 121 Introduction to Business	3 hours	MATH 211 Elementary Statistics	3 hours
BUS 326 Legal Environment for Business	3 hours	MGT 237 Principles of Management	3 hours
BUS 377 Business Internship	1 hour	MGT 415 Production & Operations Management	3 hours
BUS 448 International Business	3 hours	MGT 424 Management Information Systems	3 hours
BUS 497 Business Seminar	2 hours	MGT 492 Policy & Strategy	3 hours
ECFN 221 Principles of Economics I (Micro)	3 hours	MKT 243 Principles of Marketing	3 hours
		<b>THREE</b> upper level MGT electives	9 hours

\*Business majors with Management option must choose MATH 115 College Algebra for the core curriculum math requirement.

**Major: Business Administration**

**Degree: B.S.**

**Option: Marketing**

**Minimum Semester Hours Required: 124**

**Sixty-six hours are required for a major in Business Administration: Marketing\*:**

ACCT 231 Principles of Accounting I	3 hours	BUS 326 Legal Environment for Business	3 hours
ACCT 232 Principles of Accounting II	3 hours	BUS 377 Business Internship	1 hour
<b>ONE</b> upper-level ACCT elective	3 hours	BUS 448 International Business	3 hours
BUS 111 Introduction to Computer Systems with Business Applications	3 hours	BUS 497 Business Seminar	2 hours
BUS 121 Introduction to Business	3 hours	ECFN 221 Principles of Economics I (Micro)	3 hours
		ECFN 222 Principles of Economics II (Macro)	3 hours

ECFN 325 Principles of Finance I	3 hours	MGT 424 Management Information Systems	3 hours
ECFN 326 Principles of Finance II	3 hours	MGT 492 Policy & Strategy	3 hours
ECFN 439 Managerial Economics	3 hours	MKT 243 Principles of Marketing	3 hours
MATH 211 Elementary Statistics	3 hours	MKT 421 Marketing Research & Decision Making	3 hours
MGT 237 Principles of Management	3 hours	<b>THREE</b> upper level MKT electives	9 hours

\*Business majors with a Marketing option must choose MATH 115 College Algebra for the core curriculum math requirement.

## Requirements for a Major in Communication

### Major: Communication Studies

**Degree: B.A.**

**Minimum Semester Hours Required: 124**

**Thirty-six hours are required for a major in Communication Studies:**

COMM 221 Interpersonal Communication	3 hours	COMM 424 Rhetorical Thought and Theory	3 hours
Choose ONE from	3 hours	COMM 475 Communication Internship	3 hours
COMM 324 Persuasive Communication		COMM 491 Senior Seminar	1 hour
THT 220 Oral Interpretation		Electives (COMM, FLM, THT)	8 hours
COMM 326 Communication Ethics and Issues	3 hours	Upper-Level Electives (COMM, FLM, THT)	9 hours
COMM 330 Psychology of Communication	3 hours		

### Major: Communication, Media, & Culture

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Forty-seven hours are required for a major in Communication, Media, & Culture:**

COMM 121 Communication Technology	1 hour	COMM 475 Communication Internship	3 hours
COMM 124 Survey of Mass Communication	3 hours	COMM 491 Senior Seminar	1 hour
COMM 221 Interpersonal Communication	3 hours	Choose ONE from:	3 hours
COMM 223 Small Group Communication	3 hours	COMM 243 Mass Communication, Law & Ethics (3)	
COMM 225 Social Media as Communication	3 hours	COMM 326 Communication Ethics and Issues (3)	
COMM 324 Persuasive Communication	3 hours	Electives (COMM, FLM, THT)	6 hours
COMM 330 Psychology of Communication	3 hours	Upper Level Electives (COMM, FLM, THT)	9 hours
COMM 331 Intercultural Communication	3 hours		
COMM 424 Rhetorical Thought and Theory	3 hours		

### Major: Communication, Media, & Culture

**Degree: B.S.**

#### Option: Corporate Communication

**Minimum Semester Hours Required: 124**

**Fifty-three hours are required for an option in Corporate Communication:**

BUS 121 Introduction to Business	3 hours	COMM 434 Organizational Communication	3 hours
COMM 121 Communication Technology	1 hour	COMM 475 Communication Internship	3 hours
COMM 124 Survey of Mass Communication	3 hours	COMM 491 Senior Seminar	1 hour
COMM 221 Interpersonal Communication	3 hours	MKT 243 Principles of Marketing	3 hours
COMM 223 Small Group Communication	3 hours	Choose ONE from:	3 hours
COMM 225 Social Media as Communication	3 hours	COMM 243 Mass Communication, Law & Ethics (3)	
COMM 324 Persuasive Communication	3 hours	COMM 326 Communication Ethics and Issues (3)	
COMM 325 Principles of Public Relations	3 hours	Electives (COMM, FLM)	3 hours
COMM 330 Psychology of Communication	3 hours	Upper Level Electives (BUS, COMM, FLM)	6 hours
COMM 331 Intercultural Communication	3 hours		
COMM 424 Rhetorical Thought and Theory	3 hours		

### Major: Communication, Media, & Culture

**Degree: B.S.**

#### Option: Digital Media

**Minimum Semester Hours Required: 124**

**Fifty-three hours are required for an option in Digital Media:**

COMM 121 Communication Technology	1 hour	COMM 325 Principles of Public Relations	3 hours
COMM 124 Survey of Mass Communication	3 hours	COMM 341 Copyediting & Publication Design	3 hours
COMM 141 Introduction to Digital Media	3 hours	COMM 344 Feature & Opinion Writing	3 hours
COMM 160 News Media Production	6 hours	COMM 347 Photojournalism	3 hours
COMM 225 Social Media as Communication	3 hours	COMM 475 Communication Internship	3 hours
COMM 243 Mass Communication Law & Ethics	3 hours	COMM 491 Senior Seminar	1 hour
COMM 247 Writing for Media	3 hours	Electives (COMM, FLM)	6 hours
COMM 324 Persuasive Communication	3 hours	Upper Level Electives (COMM, FLM)	6 hours

## Major: Economics & Finance

Degree: B.A.

Minimum Semester Hours Required: 124

Thirty-six hours are required for a major in Economics & Finance\*:

ACCT 231 Principles of Accounting I	3 hours	ECFN 325 Principles of Finance I	3 hours
ACCT 232 Principles of Accounting II	3 hours	ECFN 326 Principles of Finance II	3 hours
BUS 377 Business Internship	1 hour	ECFN 342 Intermediate Finance	3 hours
BUS 497 Business Seminar	2 hours	ECFN 439 Managerial Economics	3 hours
ECFN 221 Principles of Economics I (Micro)	3 hours	MATH 211 Elementary Statistics	3 hours
ECFN 222 Principles of Economics II (Macro)	3 hours	TWO upper level ECFN electives	6 hours

\*Economics & Finance majors must choose MATH 115 College Algebra for the core curriculum math requirement.

## Major: Integrated Marketing Communication

Degree: B.S.

Minimum Semester Hours Required: 124

Sixty-six hours are required for a major in Integrated Marketing Communication\*:

BUS 111 Introduction to Computer Systems with Business Applications	3 hours	MGT 237 Principles of Management	3 hours
BUS 121 Introduction to Business	3 hours	MGT 441 Leadership & Managing Change	3 hours
BUS 326 Legal Environment for Business	3 hours	MKT 243 Principles of Marketing	3 hours
BUS 493 Integrated Marketing Comm Capstone	3 hours	MKT 421 Marketing Research & Decision Making	3 hours
COMM 324 Persuasive Communication	3 hours	MKT 423 Digital Marketing	3 hours
COMM 325 Principles of Public Relations	3 hours	Upper level MKT elective	3 hours
COMM 326 Communication Ethics & Issues	3 hours	Choose ONE from:	3 hours
COMM 330 Psychology of Communication	3 hours	COMM 221 Interpersonal Communication (3)	
COMM 331 Intercultural Communication	3 hours	COMM 223 Small Group Communication (3)	
COMM 434 Organizational Communication	3 hours	COMM 345 Nonverbal Communication (3)	
COMM 475 Internship	3 hours	Choose ONE from:	3 hours
ECFN 221 Principles of Economics I (Micro)	3 hours	COMM 424 Rhetorical Thought & Theory (3)	
ECFN 222 Principles of Economics II (Macro)	3 hours	COMM 435 Public Speaking Seminar (3)	
MATH 211 Elementary Statistics	3 hours		

\* IMC majors must choose MATH 115 College Algebra for the core curriculum math requirement.

## Major: Management

Degree: B.A.

Minimum Semester Hours Required: 124

Thirty-six hours are required for a major in Management\*:

ACCT 231 Principles of Accounting I	3 hours	MGT 424 Management Information Systems	3 hours
BUS 326 Legal Environment for Business	3 hours	MGT 441 Leadership & Managing Change	3 hours
BUS 377 Business Internship	1 hour	MGT 492 Policy & Strategy	3 hours
BUS 497 Business Seminar	2 hours	MKT 243 Principles of Marketing	3 hours
MATH 211 Elementary Statistics	3 hours	Choose ONE from:	3 hours
MGT 237 Principles of Management	3 hours	ECFN 221 Principles of Economics I (Micro) (3)	

ECFN 222 Principles of Economics II (Macro) (3)  
 ECFN 325 Principles of Finance I (3)

**TWO** upper level MGT electives

6 hours

\*Management majors must choose MATH 115 College Algebra for the core curriculum math requirement.

## Major: Marketing

**Degree: B.A.**

**Minimum Semester Hours Required: 124**

### Thirty-six hours are required for a major in Marketing\*:

ACCT 231 Principles of Accounting I	3 hours	MKT 421 Marketing Research & Decision Making	3 hours
BUS 326 Legal Environment for Business	3 hours	MKT 423 Digital Marketing	3 hours
BUS 377 Business Internship	1 hour	Choose <b>ONE</b> from:	3 hours
BUS 497 Business Seminar	2 hours	ECFN 221 Principles of Economics I (Micro) (3)	
MATH 211 Elementary Statistics	3 hours	ECFN 222 Principles of Economics II (Macro) (3)	
MGT 237 Principles of Management	3 hours	ECFN 325 Principles of Finance I (3)	
MKT 243 Principles of Marketing	3 hours	<b>TWO</b> upper level MKT electives	6 hours
MKT 329 Advertising & Promotion	3 hours		

\*Marketing majors must choose MATH 115 College Algebra for the core curriculum math requirement.

## Requirements for a Minor in Business Administration

### Twenty-one hours are required for a minor in Business Administration:

ACCT 231 Principles of Accounting I	3 hours	ACCT, BUS, ECFN, MGT or MKT Electives	3 hours
BUS 121 Introduction to Business	3 hours	Upper Level ACCT, BUS, ECFN,	6 hours
ECFN 221 Principles of Economics I (Micro)	3 hours	MGT or MKT Electives	
MGT 237 Principles of Management	3 hours		

## Requirements for a Minor in Communication Studies

### Eighteen hours (beyond COMM 111) are required for a minor in Communication Studies:

COMM 221 Interpersonal Communication	3 hours	Communication electives	6 hours
COMM 326 Communication Ethics and Issues	3 hours	Upper-Level electives (COMM, FLM, THT)	6 hours

## Requirements for a Minor in Digital Media

### Eighteen hours are required for a minor in Digital Media:

COMM 141 Introduction to Digital Media	3 hours	COMM 229 Media & American Politics (3)	
COMM 243 Mass Communication Law & Ethics	3 hours	COMM 247 Writing for Media (3)	
COMM 324 Persuasive Communication	3 hours	COMM 341 Copyediting & Publication Design (3)	
COMM 330 Psychology of Communication	3 hours	COMM 344 Feature & Opinion Writing (3)	
Choose from the following:	6 hours	COMM 347 Photojournalism (3)	
COMM 160 News Media Production (1-3)		COMM 348 Sports Reporting (3)	

## Requirements for a Minor in Economics:

### Twenty-one hours are required for a minor in Economics:

ECFN 221 Principles of Economics I (Micro)	3 hours	ECFN 348 Capitalism	3 hours
ECFN 222 Principles of Economics II (Macro)	3 hours	ECFN 439 Managerial Economics	3 hours
ECFN 337 Money and Banking	3 hours	MATH 211 Elementary Statistics	3 hours
ECFN 346 History of Economic Thought	3 hours		

## **Pre-Law/Business Studies**

The Business Administration major is also an excellent alternative for students anticipating law school. Much of contemporary law is commercial in nature and involves business. It is an excellent foundation for the joint JD/MBA program.

Most law schools do not prescribe a definite pre-legal curriculum for applicants. However, they do prefer a broad liberal arts education in areas not closely related to law. Many strongly recommend knowledge in accounting, economics, and finance. Therefore, the Bachelor's Degree with a major in Business Administration is excellent preparation for the JD or the joint JD/MBA. To round out the program, students are encouraged to supplement their major with elective courses in communication, English, and history.

**DEPARTMENT OF CHRISTIAN STUDIES**  
**School of Humanities and Christian Studies**

**Educational Objectives**

1. Students will become competent in their chosen fields within the department so that they may pursue graduate studies and/or vocational ministry.
2. Students will demonstrate understanding and expression of holistic Christian spirituality in both personal and corporate settings.
3. Students will demonstrate critical thinking and academic excellence in historical and contemporary philosophy as well as in understanding and contributing to the reciprocal relationship between a Christian worldview and culture.
4. Students will exhibit the knowledge and skills necessary for competency as Christian ministry professionals in a variety of local church and parachurch settings.
5. Students will demonstrate a basic reading knowledge of Greek and/or Hebrew, orient the message of the Bible in its ancient cultural context, and be able to develop some major themes of biblical theology.

**Requirements for a Major in Christian Studies**

**Major: Christian Studies**

**Degree: B.A.**

**Option: Bible**

**Minimum Semester Hours Required: 124**

**Thirty-six hours are required for a major in Christian Studies with an option in Bible\*** (this is in addition to the 16 hours in the core curriculum):

BIB 337-338 Christian Theology I & II	6 hours	PHIL 312 Philosophy of Religion	3 hours
CM 123 Spiritual Formation for Ministry	3 hours	Choose FOUR 300/400 level BIB courses (can include Intermediate Hebrew)	12 hours
CT 490 Senior Seminar	3 hours	Biblical Theology Elective (400 level)	3 hours
GRK 211-212 Intermediate Koine Greek I & II	6 hours		

\* Christian Studies majors must select GRK 111-112 Elementary Greek I & II and HEB 111-112 Elements of Hebrew I & II for the core curriculum Foreign Language requirement.

**Major: Christian Studies**

**Degree: B.A.**

**Option: Christian Ministry**

**Minimum Semester Hours Required: 124**

**Thirty-six hours are required for a major in Christian Studies with an option in Christian Ministry\*:**

BIB 337 Christian Theology I	3 hours	CM 394 Personal Leadership (3)	
CM 123 Spiritual Formation for Ministry	3 hours	CM 396 Organizational Leadership (3)	
CM 222 Lifespan Christian Ministry	3 hours	Choose ONE from:	3 hours
CM 432 Pastoral Ministry	3 hours	CM 423 Theology of Worship (3)	
CT 490 Senior Seminar	3 hours	CM 444 Leading a Worship Ministry (3)	
PHIL 312 Philosophy of Religion	3 hours	Choose ONE from:	3 hours
Choose ONE from:	3 hours	CM 436 Creative Bible Teaching (3)	
CM 300 Youth Ministry (3)		CM 438 Homiletics (3)	
CM 324 Youth Issues (3)		Christian Ministry electives	6 hours
Choose ONE from:	3 hours		

\* Christian Studies majors must select GRK 111-112 Elementary Greek I & II and HEB 111-112 Elements of Hebrew I & II for the core curriculum Foreign Language requirement.

**Major: Christian Studies****Degree: B.A.****Option: Philosophy & Culture****Minimum Semester Hours Required: 124****Thirty-six hours are required for a major in Christian Studies with an option in Philosophy & Culture\*:**

BIB 337 Christian Theology I	3 hours	PHIL 312 Philosophy of Religion	3 hours
CM 123 Spiritual Formation for Ministry	3 hours	PHIL 315 Introduction to Ethical Thinking	3 hours
CT 114 Intro to Christian Thought & Apologetics	3 hours	PHIL 316 Logic & Critical Thinking	3 hours
CT 220 Survey of World Religions	3 hours	PHIL 322 History of Philosophy	3 hours
CT 321 Cultural Expressions & Christianity	3 hours	Choose ONE from:	3 hours
CT 345 History & Traditions of Christianity	3 hours	ENG 495 Introduction to Literary Criticism (3)	
CT 490 Senior Seminar	3 hours	PHIL 310 Philosophy of Science (3)	

\* Christian Studies majors must select GRK 111-112 Elementary Greek I & II and HEB 111-112 Elements of Hebrew I & II for the core curriculum Foreign Language requirement.

**Requirements for a Major in Christian Ministry****Major: Christian Ministry****Degree: B.S.****Minimum Semester Hours Required: 124****Sixty-six hours are required for a major in Christian Ministry\*:**

CM 121 Introduction to Christian Ministry	3 hours	Choose 3 hours from:	3 hours
CM 122 Personal & Cult Evangelism	3 hours	CLF electives	
CM 123 Spiritual Formation for Ministry	3 hours	Music Ensemble – max of 1 hour	
CM 222 Lifespan Christian Ministry	3 hours	Music Lesson – max of 1 hour	
CM 242 Hermeneutics	3 hours	Major electives:	9 hours
CM 300 Youth Ministry	3 hours	CM 210 Cross Cultural Missions & Evangelism (3)	
CM 324 Youth Issues	3 hours	CM 234 Beyond Suffering: Christian Ministry to Suffering & Disabled (3)	
CM 342 Ministry, Music & Culture	3 hours	CM 241 History & Philosophy of Worship Arts (3)	
CM 394 Personal Leadership	3 hours	CM 242 Songwriting for Worship (2)	
CM 396 Organizational Leadership	3 hours	CM 320 Contemporary Issues of the Church (3)	
CM 423 Theology of Worship	3 hours	CM 341 Worship Technology (2)	
CM 432 Pastoral Ministry	3 hours	CM 410 Curriculum Analysis & Development (3)	
CM 471 Field Education I	2 hours	CM 420 Missions: Foundations & Applications (3)	
CM 472 Field Education II	2 hours	CM 421 Missions: Applications (2)	
CM 473 Christian Ministry Internship	2 hours	CM 430 Church Administration & Leadership (3)	
PHIL 312 Philosophy of Religion	3 hours	CM 440 Youth Developmental Processes (3)	
Choose TWO from:	6 hours	CM 442 Youth Camping, Recreation & Retreats (3)	
BIB 337 Christian Theology I (3)		CM 444 Leading a Worship Ministry (3)	
BIB 338 Christian Theology II (3)		MUS 111-2 Keyboard Proficiency I&II (2)	
MUS 121 Music Theory I (3)		MUS 122 Music Theory II (3)	
Choose ONE from:	3 hours	MUS 207-8 Guitar Proficiency I&II (2)	
CM 240 Worship Leadership Team (1) – taken 3 times			
CM 436 Creative Bible Teaching (3)			
CM 438 Homiletics (3)			

\* GRK 111-112 Elementary Greek I&II or HEB 111-112 Elements of Hebrew I&II must be taken for the core curriculum foreign language requirement.

**Requirements for a Minor in Biblical Languages****Eighteen hours are required for a minor in Biblical Languages:**

GRK 111-112 Elementary Greek I & II	6 hours	Choose ONE from:	3 hours
HEB 111-112 Elements of Hebrew I & II	6 hours	GRK 211 Intermediate Koine Greek I (3)	
HEB 211 Intermediate Hebrew I	3 hours	GRK 321 Intermediate Classical Greek I (3)	

## Requirements for a Minor in Biblical Studies

### Nineteen hours are required for a minor in Biblical Studies:

Christian Life Formation	4 hours	BIB 224 New Testament Literature & Interpretation	3 hours
CT 101, 402 and two additional			
CT 113 Critical Survey of Worldviews	3 hours	BIB, CM or CT elective	3 hours
BIB 222 Old Testament Literature & Interpretation	3 hours	BIB elective	3 hours

## Requirements for a Minor in Greek

### Eighteen hours are required for a minor in Greek:

GRK 111-112 Elementary Greek I & II	6 hours	GRK 321-322 Intermediate Classical Greek I & II
GRK 211-212 Intermediate Koine Greek I & II	6 hours	GRK 390-391 Selected Topics
Choose <b>TWO</b> of the following:	6 hours	

## Requirements for a Minor in Leadership Studies

### Eighteen hours are required for a minor in Leadership Studies:

CM 394 Personal Leadership	3 hours	COMM 324 Persuasive Communication
COMM 330 Psychology of Communication	3 hours	COMM 326 Communication Ethics & Issues
CT 103 CLF: Christian Leadership in Culture*	1 hour	COMM 331 Intercultural Communication
CT 203 CLF: Leadership: Jesus & the Kingdom*	2 hours	COMM 434 Organizational Communication
Choose nine credits from the following:	9 hours	CT 303 CLF: Foundations of Lead Disc Groups
BUS 461 Executive Free Market Leadership		EHS 420 Admin & Supervision of PE & Sports Prog
CJUS 249 Public Admin of Criminal Justice		ENG 333 Shakespeare
CM 240 Worship Leadership Team		MGT 441 Leadership & Managing Change
CM 300 Youth Ministry		MUS 332/333 Conducting
CM 396 Organizational Leadership		MUS 422/425 Methods of Teaching Voice/Piano
CM 430 Church Admin & Leadership		PHIL 316 Logic & Critical Thinking
CM 432 Pastoral Ministry		PSGS 315 Wealth & Justice
CM 444 Leading a Worship Ministry		PSY 231 Introduction to Soul Care
COMM 221 Interpersonal Communication		THT 331 Advanced Theatre Practicum
COMM 223 Small Group Communication		THT 336 Directing for the Stage
COMM 262 Intercollegiate Debate		

\* Students who are not in the BCLI program increase elective hours to 12 and do not take CT 103/203.

## Requirements for a Minor in Missions

### Eighteen hours are required for a minor in Missions:

BIB 329 Acts	3 hours	CT 321 Cultural Expressions & Christianity	3 hours
CM 122 Personal & Cult Evangelism	3 hours	Choose ONE from:	
CM 420 Missions: Foundations and Applications	3 hours	CM 210 Cross-Cultural Missions & Evangelism (3)	
CT 220 Survey of World Religions	3 hours	COMM 331 Intercultural Communication (3)	

## Requirements for a Minor in Worship Arts

### Nineteen hours are required for a minor in Worship Arts:

CM 240 Worship Leadership Team	2 hours	Choose ONE from:	2-3 hours
CM 241 History & Philosophy of Worship Arts	3 hours	CM 242 Songwriting for Worship (2)	
CM 342 Music, Ministry, & Culture	3 hours	CM 444 Leading a Worship Ministry (3)	
CM 423 Theology of Worship	3 hours	Choose ONE from:	2 hours
MUS 121 Music Theory I	3 hours	CM 341 Worship Technology (2)	
MUS 123 Aural Skills I	1 hour	MUS 235 Introduction to Music Technology (2)	

## Requirements for a Minor in Youth Ministry

**Twenty-one hours are required for a minor in Youth Ministry:**

BIB 337 or 338 Christian Theology	3 hours	CM 442 Youth Camping, Recreation, Retreats	3 hours
CM 121 Introduction to Christian Ministry	3 hours	Choose ONE from:	3 hours
CM 300 Youth Ministry	3 hours	CM 410 Curriculum Analysis and Development (3)	
CM 324 Youth Issues	3 hours	CM 436 Creative Bible Teaching (3)	
CM 440 Youth Developmental Processes	3 hours		

# DEPARTMENT OF EDUCATION

## School of Professional Studies

### Conceptual Framework for Teacher Education

The conceptual framework which guides the activities of Bryan College's Education Department is based on our mission "to train teachers in content and pedagogy in the context of a Christian worldview".

While the first part of this statement, "to train teachers in content and pedagogy" makes Bryan's program typical in comparison to other teacher education programs, it is not what makes us distinctive. The second part of our mission statement says "...in the context of a Christian worldview." This means many things to our institution. Among these are:

1. To develop a Christian worldview, one must engage in a serious study of the Bible. All students at Bryan take at least 12 hours in biblical/Christian studies. This includes courses in both the Old and New Testaments as well as practical courses in Christian apologetics, and worldview.
2. Bryan College encourages discussion in all courses as to how course content and in fact, the world is understood when viewed through the lens of biblical Christianity.
3. Many practical experiences are created for Bryan students in which they can apply their worldview in real-life situations.

Our vision is to develop reflective Christian educators who will demonstrate their faith in the way they carry out their duties as a teacher even when speech about the specifics of their faith is limited. One concept central to what we teach is the unlimited worth of each of their students as unique creations of God. This is foundational to our view that diversity is to be celebrated at all levels of society and especially in our schools.

### Purpose Statement

The Department of Education provides the professional education component for prospective teachers and coordinates with a variety of other departments and programs on and off campus to offer the necessary knowledge and experiences that prepare individuals for the teaching field.

### Educational Objectives

1. Students will demonstrate knowledge of historical and philosophical foundations of education and understand contemporary issues in light of both those foundations and a biblical worldview.
2. Students will show evidence of becoming reflective practitioners who effectively assess and influence student outcomes.
3. Students will display an understanding of the development and needs of students of various ages, by practicing effective instructional methods.
4. Students will demonstrate thorough knowledge of the subject field in which they will be teaching.
5. Students will foster healthy relationships with colleagues, parents, and the larger community to support students learning and well-being.

## Program Approval

The Department of Education offers teacher education programs approved by the Tennessee State Board of Education. Students successfully completing one of these programs with adequate scores on the Praxis II Examinations, successful completion of edTPA, and upon recommendation of Bryan College will be eligible for a teaching license from the state of Tennessee. Bryan College reserves the right to revise published licensure programs at any time to reflect decisions and directives from the Tennessee Department of Education.

The teacher education program is also approved by the Association of Christian Schools International (ACSI) and graduates who complete the approved licensure program receive a certificate which is recognized by ACSI-member Christian schools.

## Acceptance as a Teacher Licensure Candidate

All students seeking teacher licensure in any of Bryan's licensure programs must be accepted by the Education Department into the teacher licensure program. Students wishing to secure teaching credentials based on their work at Bryan should apply for admission to the teacher licensure program as early in their college career as possible. Students who enter Bryan as freshmen should apply by the end of their sophomore year. Transfer students should apply during their first semester at Bryan. Transfer students should not expect to complete a teacher licensure program in less time than the number of semesters they have remaining in their four-year program for the Bachelor's degree. In some cases a transfer student may need more time than the remaining semesters of the standard four-year degree program.

Students filing applications for admission to the teacher licensure program will only be accepted upon recommendation of the Teacher Education Committee. The Committee will consider the student's scholastic, social, physical, and moral qualities in light of the demands and responsibilities of the teaching profession. Criteria that must be met for acceptance into the teacher licensure program include: a minimum cumulative grade point average of 2.9; a minimum ACT score of 23 or SAT (critical reading/math) score of 1020 or passing the Praxis I (Core Academic Skills for Educators); the satisfactory completion of the application forms and supplementary information required by the Department of Education; and an interview with the Teacher Education Committee. All licensure candidates must complete 30 hours of practicum before being accepted into the teacher licensure program. All licensure candidates must complete a minimum of 90 hours of practicum before beginning their student teaching experience. (Note regarding practicum: We advise that if it does not pose too great a hardship to the family, education students bring a car to campus in order to successfully manage practicum assignments. If a student does not have a car, we try to accommodate them when possible.)

### Enrollment in upper level Education courses

A student may not take any 300- or 400-level education courses until the student has applied and been accepted into the major.

## Teacher Licensure Programs Offered

(The numbers in parentheses indicate Tennessee endorsement codes.)

### Elementary level

Elementary Education K-5 (499)

### All levels (grades K-12)

Music (Instrumental/General Music) (429)

Music (Vocal/General Music) (428)

Physical Education (420)

### Secondary level

Biology 6 - 12 (415)

English 6 - 12 (407)

History 6 - 12 (421)

Mathematics 6 - 12 (413)

## Types of Licensure Programs Offered by Bryan College

1. A major in liberal arts leading to a Bachelor of Science degree and teacher licensure in grades K-5. Students seeking licensure must complete Bible course requirements, core curriculum requirements, professional education requirements, and major requirements outlined below under “Requirements for Elementary Licensure” and elsewhere in this *Catalog*.

2. A major in music education or physical education leading to a Bachelor of Science degree and teacher licensure in grades K-12. Students majoring in music education or physical education seeking K-12 teacher licensure must complete Bible course requirements, core curriculum requirements, professional education requirements, and major requirements outlined below and elsewhere in this *Catalog*.

3. A major in a focused study in one or more disciplines leading to a Bachelor of Science degree and teacher licensure at the secondary level. Students majoring in Biology, English, History, or Mathematics seeking secondary teacher licensure must complete Bible course requirements, core curriculum requirements, professional education requirements, and major requirements outlined below under “Requirements for Secondary Licensure” and elsewhere in this *Catalog*.

Applicants and students who desire further information on teacher licensure should consult with a faculty member in the Department of Education. Applicants may also contact the Office of Admissions for information.

## Licensure in Other States

Because the College is approved by Tennessee’s Department of Education, many states recognize the completion of Bryan licensure programs as meeting their own licensure requirements. A student who wishes to teach in a state other than Tennessee should plan the program in accordance with the requirements of that state, in addition to meeting the requirements of the state of Tennessee. The student should normally secure Tennessee licensure even though licensure may also be sought in another state. Each state’s Department of Education will be glad to furnish information concerning the requirements for licensure.

## Requirements for a Major in Education

**Major: Education**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Sixty-two hours are required for a major in Education:**

BIB 337 Christian Theology I	3 hours	EHS 221 Safety Education & First Aid	2 hours
CM 123 Spiritual Formation for Ministry	3 hours	EHS 222 School & Community Health	2 hours
EDUC 119 Introduction to Teaching	2 hours	<b>ONE</b> of the following:	3 hours
EDUC 224 Human Learning	3 hours	CT 114 Intro. to Christian Thought & Apologetics (3)	
EDUC 226 Classroom Management	2 hours	CT 220 Survey of World Religions (3)	
EDUC 311 Instructional Technology	3 hours	<b>ONE</b> of the following:	3 hours
EDUC 323 Tests & Measurements	2 hours	ENG 211 Introduction to Literature (3)	
EDUC 324 Exceptional Children	2 hours	Literature Elective (3)	
EDUC 338 Universal Teaching Methods	3 hours	ENG 347 History & Nature of the English Language (3)	
EDUC 340 Curriculum Design	2 hours	<b>ONE</b> of the following:	3 hours
EDUC 420 Philosophy of Education	2 hours	HIS 112 History of Western Civilization II (3)	
EDUC 440 Education Capstone	2 hours	HIS 222 U. S. History II (3)	
EDUC 441-443 Observation and Student Teaching	12 hours		
EDUC electives	8 hours		

\* PSY 330 Life-span Development must be taken as a core curriculum requirement under Psychology, HIS 111 Western Civilization I or HIS 221 U.S. History I for the core curriculum History survey and MATH 116 Contemporary Math as the math requirement.

## Requirements for a Major in Liberal Arts: Elementary Licensure

**Major: Liberal Arts**

**Degree: B.S.**

**Option: Elementary Licensure\***

**Minimum Semester Hours Required: 127**

**Thirty hours are required for a major in Liberal Arts: Elementary Education\*\*:**

EDUC 323 Tests & Measurements	2 hours	Language	
EDUC 420 Philosophy of Education	2 hours	HIS 112 History of Western Civilization II	3 hours
EDUC 430 Children's Literature	3 hours	HIS 221-222 History of the United States I & II	6 hours
EHS 222 School & Community Health	2 hours	MATH 211 Elementary Statistics	3 hours
<b>ONE</b> of the following:	3 hours	PHIL 316 Logic and Critical Thinking	3 hours
ENG 211 Introduction to Literature		SS 211 Society, Economics & Government	3 hours
Literature Elective		(or PSGS 212)	
ENG 347 History & Nature of the English			

\* Elementary Licensure students must select BIO 110 God's Revelation in Biology *or* BIO 113 General Biology II, and PHYS 213 Geo-Physical Science Survey for their core curriculum natural science electives. Also, PSY 330 Life-span Development must be taken as a core curriculum requirement under Psychology and MATH 116 Contemporary Math as the math requirement.

\*\* Students must also complete a total of 46 hours of professional education coursework as described below in this section of the *Catalog*.

### Professional Education for Elementary Licensure Candidates

**Students seeking elementary licensure are required to take the following professional courses in addition to the ninety clock hours of practicum experience which are also required:**

EDUC 119 Introduction to Teaching	2 hours	EDUC 341 Methods of Teaching Mathematics	2 hours
EDUC 223 Methods for Early Childhood Education	2 hours	EDUC 345 Methods of Teaching Social Studies	2 hours
EDUC 224 Human Learning	3 hours	EDUC 434 Methods of Teaching Language Arts	3 hours
EDUC 226 Classroom Management	2 hours	EDUC 440 Education Capstone	2 hours
EDUC 311 Instructional Technology	3 hours	EDUC 441 Observation and Student Teaching in Elementary Education	12 hours
EDUC 324 Exceptional Children	2 hours	EHS 221 Safety Education & First Aid	2 hours
EDUC 331 Methods of Teaching Reading	3 hours	EHS 328 Teaching Elementary Physical Education	3 hours
EDUC 338 Universal Teaching Methods	3 hours		
EDUC 340 Curriculum Design	2 hours		

### Requirements for K-12 Licensure

Students who plan to teach music or physical education are licensed for grades K-12 in Tennessee. The respective programs are described elsewhere in this *Catalog*. Candidates must also complete the required hours of professional education coursework as described below in this section of the *Catalog*. Candidates complete the core curriculum requirements outlined on the Core Curriculum Chart in this *Catalog*. Candidates are responsible for the Graduation Requirements outlined in the section on Academic Information in this *Catalog*.

## Professional Education for K-12 Licensure Candidates

Students seeking K-12 licensure are required to take the following professional courses. Ninety hours of practicum experience are also required. In addition, the individual majors require some methods courses as described under the major.

EDUC 119 Introduction to Teaching	2 hours	EDUC 338 Universal Teaching Methods	3 hours
EDUC 224 Human Learning	3 hours	EDUC 420 Philosophy of Education	2 hours
EDUC 226 Classroom Management	2 hours	EDUC 440 Education Capstone	2 hours
EDUC 311 Instructional Technology	3 hours	EDUC 443 Observation and Student Teaching in K-12 Education	12 hours
EDUC 323 Tests & Measurements (Music only)	2 hours		
EDUC 324 Exceptional Children	2 hours	EHS 221 Safety Education & First Aid	2 hours
EDUC 340 Curriculum Design	2 hours	EHS 222 School & Community Health	2 hours

## Requirements for Secondary Licensure

Students who plan to teach at the secondary level complete the major in their chosen subject area as described elsewhere in this *Catalog*. Candidates must also complete the professional education coursework as described below in this section of the *Catalog*. Candidates complete the core curriculum requirements outlined on the Core Curriculum Chart in this *Catalog*. Candidates are responsible for the Graduation Requirements outlined in the section on Academic Information in this *Catalog*.

## Professional Education for Secondary Licensure Candidates

Students seeking secondary licensure are required to take the following professional courses in addition to the ninety hours of practicum experience which are also required.

EDUC 119 Introduction to Teaching	2 hours	Arts (English only)	
EDUC 224 Human Learning	3 hours	EDUC 345 Methods of Teaching Social Studies (History only)	2 hours
EDUC 226 Classroom Management	2 hours		
EDUC 311 Instructional Technology	3 hours	EDUC 420 Philosophy of Education	2 hours
EDUC 323 Tests & Measurements	2 hours	EDUC 440 Education Capstone	2 hours
EDUC 324 Exceptional Children	2 hours	EDUC 442 Observation and Student Teaching in Secondary Education	12 hours
EDUC 331 Methods of Teaching Reading (English only)	3 hours		
EDUC 338 Universal Teaching Methods	3 hours	EHS 221 Safety Education & First Aid	2 hours
EDUC 340 Curriculum Design	2 hours	EHS 222 School & Community Health	2 hours
EDUC 343 Methods of Teaching Language	3 hours		

**All teacher licensure programs are subject to change as needed to comply with regulations from the State of Tennessee.**

# DEPARTMENT OF ENGINEERING

## Vogel School of Engineering

### Purpose Statement

The purpose of the Department of Engineering at Bryan College is to equip engineering graduates to go out into the world as Ambassadors of Christ, Biblically rooted, with academic excellence and servant hearts to fulfil God’s Creation Mandate.

### Educational Objectives

1. Educational: Equip students with the technical, social, and communication skills needed to solve complex problems facing our world and the passion for life-long learning.
2. Industry: Students and graduates will apply their knowledge of engineering by building industry partnerships in their chosen discipline.
3. Faith: Train students to extend the dominion of mankind on the earth and to alleviate the effects of the fall while sharing the good news of God’s full dominion and complete remedy to all people. (life-long learning in both education and faith)
4. Integration: A spirit of excellence and wisdom in integrating education, faith, and professional skills in a holistic way to guide technical decision.

**Major: Engineering**

**Degree: B.S.E.**

**Option: Bioengineering**

**Minimum Semester Hours Required: 133**

**Ninety-one hours are required for a major in Engineering with Bioengineering Option:**

CHEM 131 General Chemistry I	4 hours	EGR 322 Fluid Mechanics	4 hours
MATH 221 Calculus II	4 hours	EGR 323 Engineering Thermodynamics	3 hours
MATH 222 Calculus III	4 hours	EGR 347 Engineering Professional Development I	1 hour
MATH 242 Statistics for Scientists & Engineers	3 hours	EGR 349 Engineering Professional Development II	1 hour
MATH 326 Differential Equations	4 hours	EGR 422 Heat Transfer	3 hours
EGR 121 Intro to Engineering the Great Commission	3 hours	EGR 424 Engineering Ethics	3 hours
EGR 122 Engineering Service	1 hour	EGR 491-492 Capstone Senior Design I & II	6 hours
EGR 124 Introduction to Engineering Design	3 hours	Engineering <i>upper level</i> elective	3 hours
EGR 221 Computational Methods	3 hours	Bioengineering Option	20 hours
EGR 222 Circuits and Instrumentation	3 hours	BIO 112 General Biology I (4)	
EGR 223 Engineering Mechanics – Statics	3 hours	BIO 113 General Biology II (4)	
EGR 224 Engineering Mechanics – Dynamics	3 hours	BIO 224 Microbiology (4)	
EGR 225 Engineering Economics	3 hours	BIO 323 Advanced Anatomy & Physiology I (4)	
EGR 226 Mechanics of Materials	3 hours	BIO 324 Advanced Anatomy & Physiology II (4)	
EGR 321 Design of Experiments	3 hours		

**Major: Engineering****Degree: B.S.E.****Option: Business Management****Minimum Semester Hours Required: 134****Ninety-two hours are required for a major in Engineering with Business Management Option:**

CHEM 131 General Chemistry I	4 hours	EGR 323 Engineering Thermodynamics	3 hours
MATH 221 Calculus II	4 hours	EGR 347 Engineering Professional Development I	1 hour
MATH 222 Calculus III	4 hours	EGR 349 Engineering Professional Development II	1 hour
MATH 242 Statistics for Scientists & Engineers	3 hours	EGR 422 Heat Transfer	3 hours
MATH 326 Differential Equations	4 hours	EGR 424 Engineering Ethics	3 hours
EGR 121 Intro to Engineering the Great Commission	3 hours	EGR 491-492 Capstone Senior Design I & II	6 hours
EGR 122 Engineering Service	1 hour	Engineering <i>upper level</i> elective	3 hours
EGR 124 Introduction to Engineering Design	3 hours	Business Management Option	21 hours
EGR 221 Computational Methods	3 hours	ACCT 231 Principles of Accounting I (3)	
EGR 222 Circuits and Instrumentation	3 hours	ACCT 232 Principles of Accounting II (3)	
EGR 223 Engineering Mechanics – Statics	3 hours	BUS 121 Introduction to Business (3)	
EGR 224 Engineering Mechanics – Dynamics	3 hours	MGT 237 Principles of Management (3)	
EGR 225 Engineering Economics	3 hours	MGT 329 Project Management (3)	
EGR 226 Mechanics of Materials	3 hours	Option elective* (3)	
EGR 321 Design of Experiments	3 hours	Option upper level elective* (3)	
EGR 322 Fluid Mechanics	4 hours		

\* Option electives chosen from: ACCT 335, 336, 338; BUS 326; ECFN 221, 325, 439; MGT 343, 415,492; MKT 237

**Major: Engineering****Degree: B.S.E.****Option: Civil****Minimum Semester Hours Required: 134****Ninety-two hours are required for a major in Engineering with Civil Engineering Option:**

CHEM 131 General Chemistry I	4 hours	EGR 323 Engineering Thermodynamics	3 hours
MATH 221 Calculus II	4 hours	EGR 347 Engineering Professional Development I	1 hour
MATH 222 Calculus III	4 hours	EGR 349 Engineering Professional Development II	1 hour
MATH 242 Statistics for Scientists & Engineers	3 hours	EGR 422 Heat Transfer	3 hours
MATH 326 Differential Equations	4 hours	EGR 424 Engineering Ethics	3 hours
EGR 121 Intro to Engineering the Great Commission	3 hours	EGR 491-492 Capstone Senior Design I & II	6 hours
EGR 122 Engineering Service	1 hour	Engineering Elective	3 hours
EGR 124 Introduction to Engineering Design	3 hours	Civil Engineering Option (EGCI)	21 hours
EGR 221 Computational Methods	3 hours	EGCI 321 Geomatics Engineering (3)	
EGR 222 Circuits and Instrumentation	3 hours	EGCI 323 Structural Analysis (3)	
EGR 223 Engineering Mechanics – Statics	3 hours	EGCI 421 Engineering Project Management (3)	
EGR 224 Engineering Mechanics – Dynamics	3 hours	EGCI 424 Environmental Engineering (3)	
EGR 225 Engineering Economics	3 hours	EGCI 426 Geotechnical Engineering (3)	
EGR 226 Mechanics of Materials	3 hours	EGCI electives (6)	
EGR 321 Design of Experiments	3 hours		
EGR 322 Fluid Mechanics	4 hours		

**Major: Engineering****Degree: B.S.E.****Option: Computing****Minimum Semester Hours Required: 134****Ninety-two hours are required for a major in Engineering with Computing Option:**

CHEM 131 General Chemistry I	4 hours	EGR 323 Engineering Thermodynamics	3 hours
MATH 221 Calculus II	4 hours	EGR 347 Engineering Professional Development I	1 hour
MATH 222 Calculus III	4 hours	EGR 349 Engineering Professional Development II	1 hour
MATH 242 Statistics for Scientists & Engineers	3 hours	EGR 422 Heat Transfer	3 hours
MATH 326 Differential Equations	4 hours	EGR 424 Engineering Ethics	3 hours
EGR 121 Intro to Engineering the Great Commission	3 hours	EGR 491-492 Capstone Senior Design I & II	6 hours
EGR 122 Engineering Service	1 hour	Engineering Elective	3 hours
EGR 124 Introduction to Engineering Design	3 hours	Computing Option	21 hours
EGR 221 Computational Methods	3 hours	CSCI 241 Introduction to Database Development (3)	
EGR 222 Circuits and Instrumentation	3 hours	CSCI 251 Operating Systems (3)	
EGR 223 Engineering Mechanics – Statics	3 hours	CSCI 324 Computer Organization (3)	
EGR 224 Engineering Mechanics – Dynamics	3 hours	CSCI 325 Programming II (3)	
EGR 225 Engineering Economics	3 hours	CSCI 328 Data Structures (3)	
EGR 226 Mechanics of Materials	3 hours	CSCI 422 Networking (3)	
EGR 321 Design of Experiments	3 hours	CSCI 472 Computer Science Practicum (3)	
EGR 322 Fluid Mechanics	4 hours		

**Major: Engineering****Degree: B.S.E.****Option: Mechanical****Minimum Semester Hours Required: 134****Ninety-two hours are required for a major in Engineering with Mechanical Engineering Option:**

CHEM 131 General Chemistry I	4 hours	EGR 322 Fluid Mechanics	4 hours
MATH 221 Calculus II	4 hours	EGR 323 Engineering Thermodynamics	3 hours
MATH 222 Calculus III	4 hours	EGR 347 Engineering Professional Development I	1 hour
MATH 242 Statistics for Scientists & Engineers	3 hours	EGR 349 Engineering Professional Development II	1 hour
MATH 326 Differential Equations	4 hours	EGR 422 Heat Transfer	3 hours
EGR 121 Intro to Engineering the Great Commission	3 hours	EGR 424 Engineering Ethics	3 hours
EGR 122 Engineering Service	1 hour	EGR 491-492 Capstone Senior Design I & II	6 hours
EGR 124 Introduction to Engineering Design	3 hours	Engineering Elective	3 hours
EGR 221 Computational Methods	3 hours	Mechanical Engineering Option (EGME)	21 hours
EGR 222 Circuits and Instrumentation	3 hours	EGME 321 Engineering Materials (3)	
EGR 223 Engineering Mechanics – Statics	3 hours	EGME 323 Manufacturing Engineering (3)	
EGR 224 Engineering Mechanics – Dynamics	3 hours	EGME 422 Kinematics & Robotics (3)	
EGR 225 Engineering Economics	3 hours	EGME 423 Quality Engineering (3)	
EGR 226 Mechanics of Materials	3 hours	EGME Machine Component Design (3)	
EGR 321 Design of Experiments	3 hours	EGME electives (6)	

**Major: Engineering Technology Management****Degree: B.S.****Minimum Semester Hours Required: 124****Fifty-four hours are required for a major in Engineering Technology Management:**

ACCT 231 Principles of Accounting I	3 hours	MGT 329 Project Management	3 hours
BUS 121 Introduction to Business	3 hours	MGT 415 Production & Operations Management	3 hours
BUS 326 Legal Environment for Business	3 hours	Choose ONE from:	
ECFN 221 Principles of Economics (Micro)	3 hours	MATH 211 Elementary Statistics (3)	
EGR 121 Intro to Engineering the Great Commission	3 hours	MATH 242 Statistics for Scientists & Engineers (3)	
EGR 122 Engineering Service	1 hour	Choose TWO from (one must be upper level):	6 hours
EGR 124 Introduction to Engineering Design	3 hours	ACCT 232 Principles of Accounting II (3)	
EGR 225 Engineering Economics	3 hours	ACCT 335 Financial Statements Analysis (3)	
EGR 347 Engineering Professional Development I	1 hour	ACCT 336 Tax Accounting (3)	
EGR 349 Engineering Professional Development II	1 hour	ACCT 338 Cost Accounting (3)	
EGR 424 Engineering Ethics	3 hours	ECFN 325 Principles of Finance I (3)	
EGR 491-492 Capstone Senior Design I & II	6 hours	ECFN 439 Managerial Economics (3)	
Engineering Elective	3 hours	MGT 343 New Venture Studies (3)	
MGT 237 Principles of Management	3 hours	MKT 243 Principles of Marketing (3)	

\* Engineering Technology Management majors must choose MATH 117, 119 or 122 for the core curriculum math requirement; and PHYS 241-242 or 245-246 Physics I and II for the core curriculum natural science electives

# DEPARTMENT OF EXERCISE AND HEALTH SCIENCE

## School of Professional Studies

### Purpose Statement

The Department of Exercise and Health Science provides the content knowledge and skills for prospective health, physical education, fitness, and sport professionals; works with other departments to help students prepare for careers in the above-noted professions; and, supports the institutional demands for personal health and development.

### Educational Objectives

1. Exercise and Health Science students will evidence an ability to become competent professionals in fitness, physical education, sports, and other health-related professions.
2. Exercise and Health Science students will analyze ethical and social issues within the discipline from a Biblical worldview and the ability to apply that Biblical worldview in the community in which they live.
3. Exercise and Health Science students will evidence knowledge of safety procedures, first aid, health promotion, and teaching of movement skills.

#### Major: Exercise and Health Science

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Fifty-two hours are required for a major in Exercise and Health Science\*:**

EHS 149 Foundations of Physical Education & Sport	3 hours	EHS 342 Structural Kinesiology	3 hours
EHS 200 Care & Prevention of Athletic Injuries	3 hours	EHS 343 Sport Psychology	3 hours
EHS 221 Safety Education & First Aid	2 hours	EHS 420 Administration & Supervision of Physical Education and Sport Programs	3 hours
EHS 229 Introduction to Sports Coaching	3 hours	EHS 421 Senior Seminar in Exercise & Health Science	3 hours
EHS 320 Exercise Leadership & Prescription	3 hours	EHS 422 Exercise & Health Science Practicum I	3 hours
EHS 325 Measurement & Evaluation in Physical Education	3 hours	EHS 423 Exercise & Health Science Practicum II	3 hours
EHS 327 Teaching Individual & Team Sports	3 hours	EHS Activity Courses	5 hours
EHS 329 Motor Learning	3 hours	(may include one credit of Varsity Sports)	
EHS 334 Adapted Physical Education	3 hours		
EHS 341 Physiology of Exercise	3 hours		

\* Exercise and Health Science majors must choose BIO 210 Introduction to Anatomy & Physiology and BIO 220 Introduction to Nutrition as the Core Curriculum natural science courses and PSY 111 General Psychology as the psychology elective.

#### Major: Exercise and Health Science

**Degree: B.S.**

#### Option: Pre-Therapy/Allied Health

**Minimum Semester Hours Required: 124**

**Sixty-three hours are required for an option in Pre-Therapy/Allied Health\*:**

BIO 221-222 Human Anatomy & Physiology I & II	8 hours	EHS 325 Measurement & Evaluation in Physical Education	3 hours
CHEM 131-132 General Chemistry I & II	8 hours	EHS 329 Motor Learning	3 hours
EHS 200 Care & Prevention of Athletic Injuries	3 hours	EHS 341 Physiology of Exercise	3 hours
EHS 320 Exercise Leadership & Prescription	3 hours		

EHS 342 Structural Kinesiology	3 hours	EHS Activity Courses	3 hours
EHS 420 Administration & Supervision of Physical Education and Sport Programs	3 hours	(may include one credit of Varsity Sports)	
EHS 421 Senior Seminar in Exercise & Health Science	3 hours	MATH 211 Elementary Statistics	3 hours
EHS 422 Exercise & Health Science Practicum I	3 hours	PHYS 241-242 General Physics I & II	8 hours
EHS 423 Exercise & Health Science Practicum II	3 hours	PSY upper level elective	3 hours

\* Must choose BIO 112 and 113 General Biology I and II as their core curriculum natural science courses and MATH 117 Pre-calculus (or 119 or 122) for core curriculum math requirement.

## Major: Exercise and Health Science

Degree: B.S.

### Option: Physical Education K-12 Licensure

Minimum Semester Hours Required: 124

Sixty-seven hours are required for a major in Physical Education K-12 Licensure\*:

(For additional requirements see the Education Department.)

EDUC 119 Introduction to Teaching	2 hours	EHS 222 School & Community Health	2 hours
EDUC 224 Human Learning	3 hours	EHS 229 Introduction to Sports Coaching	3 hours
EDUC 226 Classroom Management	2 hours	EHS 325 Measurement & Evaluation in Physical Education	3 hours
EDUC 311 Instructional Technology	3 hours	EHS 327 Teaching Individual & Team Sports	3 hours
EDUC 324 Exceptional Children	2 hours	EHS 328 Teaching Elementary Physical Education	3 hours
EDUC 338 Universal Teaching Methods	3 hours	EHS 329 Motor Learning	3 hours
EDUC 340 Curriculum Design	2 hours	EHS 334 Adapted Physical Education	3 hours
EDUC 420 Philosophy of Education	2 hours	EHS 341 Physiology of Exercise	3 hours
EDUC 440 Education Capstone	2 hours	EHS 342 Structural Kinesiology	3 hours
EDUC 443 Observation & Student Teaching in K-12 Education	12 hours	EHS 420 Administration & Supervision of Physical Education and Sport Programs	3 hours
EHS 149 Foundations of Physical Education & Sport	3 hours		
EHS 221 Safety Education & First Aid	2 hours		

\* Exercise and Health Science with licensure must choose BIO 210 Introduction to Anatomy & Physiology and BIO 220 Introduction to Nutrition as the Core Curriculum natural science courses.

## Requirements for a Minor in Exercise and Health Science

Twenty-two hours are required for the minor in Exercise and Health Science:

EHS 111 Concepts of Physical Fitness	2 hours	EHS 334 Adapted Physical Education	3 hours
EHS 149 Foundations of Physical Education & Sport	3 hours	EHS 341 Physiology of Exercise	3 hours
EHS 221 Safety Education & First Aid	2 hours	EHS 342 Structural Kinesiology	3 hours
EHS 327 Teaching Individual & Team Sports	3 hours	EHS 420 Administration & Supervision of Physical Education and Sport Programs	3 hours

# DEPARTMENT OF HUMANITIES

## School of Humanities and Christian Studies

### Purpose Statements

The English & Modern Language programs prepare students for a variety of professional career opportunities and graduate education by deepening their understanding of language and literature within a variety of cultures, giving them a broader awareness of how biblical truth is represented and exemplified in many academic disciplines within the liberal arts, and developing a dedication to Christian living that is spiritually dynamic and intellectually rigorous, growing out of an abiding love for words and for the exploration of the world and its Creator that words make possible. The programs also teach students to express their ideas through clear, persuasive communication to be “able to make a defense for the hope that is within” them.

The Government and Justice programs merge two academic disciplines. The discipline of Political and Governmental Studies, and the discipline of Criminal Justice. Government and Criminal Justice serve to advance the Great Commission: We cannot go into the world without an understanding of governmental institutions and processes and the legal boundaries of human activity; and we cannot survive, let alone thrive, in the world, where Christ would have us serve, without an understanding of the politics, governments and laws that frame the portals, through which we would pass, in our commissioned service.

The Politics & Government discipline has, as its foundational premise, the education and personal development of students, by providing insight into political and governmental stewardship, based upon an integrated understanding of the Bible. The linkage of a Christian worldview to one’s ability to appreciate how political and governmental studies contribute to 21<sup>st</sup> Century America and the wider world in which we live and serve, is the primary focus of this discipline. Also of critical importance is an understanding of the foundational principles, institutions, and laws which have helped create and sustain the American Constitutional republic.

The Criminal Justice discipline has as its foundational premises that justice has an objective definition, that the rule of law is crucial, and that both legitimate punishment for properly defined crimes and individual liberty are equally important.

Those interested in pre-law may wish to consider one of these majors.

The History and Liberal Arts programs provide students with a background in the proper techniques for evaluating historical works, engaging in professional methods of historical research, and developing advanced writing and oral presentation skills. Just as all knowledge has religious thought at its foundation, all knowledge is a compilation of historical thought.

### Educational Objectives

1. Students will develop an adequate knowledge of content and knowledge of how their discipline(s) influence present day culture.
2. Students will evidence a personal, integrative perspective regarding faith and their discipline; and an ability to apply that perspective to the community in which they live.
3. Students will evidence critical thinking and problem solving skills in oral and/or written forms in order that they will be prepared to make a difference in our changing world.
4. Students will develop an adequate preparation for graduate school or vocation.
5. Students will develop wholesome attitudes, healthful habits, and responsible citizenship.

## Requirements for a Major in Criminal Justice

**Major: Criminal Justice**

**Degree: B.A.**

**Minimum Semester Hours Required: 124**

**Thirty hours are required for a major in Criminal Justice:**

CJUS 221 Introduction to Criminal Justice	3 hours
CJUS 249 Public Administration of Criminal Justice	3 hours
CJUS 331 Criminal Law and Procedure	3 hours
CJUS electives	6 hours
Upper-Level CJUS electives	6 hours
PSGS 230 Jurisprudence	3 hours
PSGS 421 American Constitutional Law	3 hours

Choose ONE from:

PSGS 225 State & Local Government (3)
PSGS 339 Law & Public Policy (3)
PSGS 349 International Relations (3)
PSGS 424 Homeland Security, Intell., Counter Terr (3)
PSY 325 Personality Theory (3)
PSY 334 Social Psychology (3)

## Requirements for a Major in English

**Major: English**

**Degree: B.A.**

**Option: Creative Writing**

**Minimum Semester Hours Required: 124**

**Thirty-six hours are required for an option in Creative Writing:**

ENG 245 Introduction to Creative Writing	3 hours
ENG 325 Creative Writing: Creative Non-Fiction	3 hours
ENG 327 Advanced Grammar	3 hours
ENG 328 Creative Writing: Fiction	3 hours
ENG 329 Creative Writing: Poetry	3 hours
ENG 333 Shakespeare	3 hours
ENG 374 Editing Essentials	3 hours
ENG 420 English Tutoring: Theory & Pedagogy	3 hours
ENG 493 English Thesis Research	1 hour
ENG 495 Introduction to Literary Criticism	3 hours

ENG 496 English Thesis	2 hours
Choose ONE from	3 hours
ENG 213, 321 or 331 World, American or British Literature I (3)	
Choose ONE from:	3 hours
ENG 214, 322, 332 World, American or British Literature II (3)	

**Major: English**

**Degree: B.A.**

**Option: Literature**

**Minimum Semester Hours Required: 124**

**Thirty-six hours are required for a major in English with a Literature option:**

ENG 213 World Literature I	3 hours
ENG 321-322 American Literature I & II	6 hours
ENG 327 Advanced Grammar	3 hours
ENG 331-332 British Literature I & II	6 hours
ENG 333 Shakespeare	3 hours
ENG 346 Introduction to the Novel	3 hours

ENG 347 History & Nature of English Language	3 hours
ENG 493 English Thesis Research	1 hour
ENG 495 Introduction to Literary Criticism	3 hours
ENG 496 English Thesis	2 hours
One upper level ENG elective	3 hours

**Major: English**

**Degree: B.S.**

**Option: Secondary Licensure**

**Minimum Semester Hours Required: 130**

**Eighty-one hours are required for a major in English with Secondary Licensure\*:**

(For additional requirements see the Education Department.)

EDUC 119 Introduction to Teaching	2 hours
EDUC 224 Human Learning	3 hours
EDUC 226 Classroom Management	2 hours
EDUC 311 Instructional Technology	3 hours
EDUC 323 Tests and Measurements	2 hours

EDUC 324 Exceptional Children	2 hours
EDUC 331 Methods of Teaching Reading	3 hours
EDUC 338 Universal Teaching Methods	3 hours
EDUC 340 Curriculum Design	2 hours
EDUC 343 Methods of Teaching Language Arts	3 hours

EDUC 420 Philosophy of Education	2 hours	ENG 374 Editing Essentials	3 hours
EDUC 440 Education Capstone	2 hours	ENG 420 English Tutoring: Theory & Pedagogy	3 hours
EDUC 442 Observation and Student Teaching In Secondary Education	12 hours	ENG 493 English Thesis Research	1 hour
EHS 221 Safety Education & First Aid	2 hours	ENG 495 Introduction to Literary Criticism	3 hours
EHS 222 School & Community Health	2 hours	ENG 496 English Thesis	2 hours
ENG 213 World Literature I	3 hours	<b>ONE</b> of the following:	3 hours
ENG 321-322 American Literature I & II	6 hours	ENG 245 Introduction to Creative Writing (3)	
ENG 327 Advanced Grammar	3 hours	ENG 325 Creative Writing: Creative Nonfiction (3)	
ENG 331-332 British Literature I & II	6 hours	ENG 328 Creative Writing: Fiction (3)	
ENG 333 Shakespeare	3 hours	ENG 329 Creative Writing: Poetry (3)	

\* Must choose ENG 211 Introduction to Literature for Creative Arts core curriculum requirement.

## Requirements for a Major in Forensic Science

**Major: Forensic Science**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Seventy hours are required for a major in Forensic Science\*:**

BIO 112-3 General Biology I & II	8 hours	CJUS 221 Introduction to Criminal Justice	3 hours
BIO 210 Introduction to Anatomy & Physiology	4 hours	CJUS 252 Introduction to Forensic Science	3 hours
BIO 224 Microbiology	4 hours	CJUS 331 Criminal Law and Procedure	3 hours
BIO 310 Philosophy of Science	2 hours	CJUS 390 Selected Topics (Forensic related)	3 hours
BIO 325 Genetics	4 hours	CJUS 422 Criminal Investigations	3 hours
CHEM 132 General Chemistry II	4 hours	Upper-Level CJUS electives	6 hours
CHEM 241-2 Organic Chemistry I & II	8 hours	MATH 211 Elementary Statistics	3 hours
CHEM 331 Analytical Chemistry	4 hours	PHYS 241 General Physics I	4 hours
CHEM 420 Biochemistry	4 hours		

\*Forensic Science majors must choose BIO 110 God's Revelation in Biology and CHEM 131 General Chemistry I for the Core Curriculum natural science requirement. Forensic Science majors must also choose MATH 117 Precalculus (or MATH 119 or 122) to meet the Core Curriculum math requirement.

## Requirements for a Major in History

**Major: History**

**Degree: B.A.**

**Option: Foundation**

**Minimum Semester Hours Required: 124**

**Thirty-six hours (beyond core survey courses) are required for a major in History:**

HIS 220 Historical Writing	3 hours	Upper-Level Non-U.S. History Electives	6 hours
HIS 221-222 History of the United States I & II	6 hours	Upper-Level History Electives	12 hours
Upper-Level U.S. History electives	6 hours	HIS 492 Senior Seminar in History	3 hours

**Major: History**

**Degree: B.S.**

**Option: Secondary Licensure**

**Minimum Semester Hours Required: 132**

**Eighty-six hours (beyond HIS 111) are required for a major in History with Secondary Licensure:**

(For additional requirements see the Education Department.)

EDUC 119 Introduction to Teaching	2 hours	EDUC 311 Instructional Technology	3 hours
EDUC 224 Human Learning	3 hours	EDUC 323 Tests and Measurements	2 hours
EDUC 226 Classroom Management	2 hours	EDUC 324 Exceptional Children	2 hours

EDUC 338 Universal Teaching Methods	3 hours	Upper-Level U.S. History electives	6 hours
EDUC 340 Curriculum Design	2 hours	Upper-Level History Electives	6 hours
EDUC 345 Methods of Teaching Social Studies	2 hours	HIS 492 Senior Seminar in History	3 hours
EDUC 420 Philosophy of Education	2 hours	PSGS 221 Origins and Basis for Government	3 hours
EDUC 440 Education Capstone	2 hours	PSGS 492 The Presidential Cabinet	3 hours
EDUC 442 Observation and Student Teaching in Secondary Education	12 hours	Choose ONE from	3 hours
EHS 221 Safety Education & First Aid	2 hours	ECFN 211 Introduction to Political Economy (3)	
EHS 222 School & Community Health	2 hours	PSGS 212 Politics, Philosophy & Economics (3)	
HIS 112 History of Western Civilization II	3 hours	PSGS 225 State & Local Government (3)	
HIS 220 Historical Writing	3 hours	PSGS 229 Media & American Politics (3)	
HIS 221-222 History of the United States I & II	6 hours	PSGS 315 Wealth & Justice (3)	
HIS 232 Survey of Non-Western History	3 hours		
Upper-Level Non-U.S. History Electives	6 hours		

## Requirements for a Major in Liberal Arts

**Major: Liberal Arts**

**Degree: A.A.**

**Minimum Semester Hours Required: 60**

**Twenty-eight hours are required in Liberal Arts in the Associate of Arts degree program:**

LA 222 Exploring the Liberal Arts	1 hour	<b>Social &amp; Behavioral Sciences electives</b>	<b>6 hours</b>
<b>Arts &amp; Humanities electives</b>	<b>6 hours</b>	(BUS, CJUS, ECFN, EDUC, EHS, MGT, MKT, PSGS, PSY)	
(ART, COMM, ENG, FLM, FREN, HIS, LA, MUS, PHIL, SPAN, THT)		Major electives	6 hours
<b>Natural &amp; Math Sciences electives</b>	<b>6 hours</b>	LA 292 Liberal Arts Research	3 hours
(BIO, CHEM, CSCI, MATH, PHYS)			

Courses selected must be approved by the academic adviser and cannot include extracurricular/activity type courses (such as music lessons, music ensembles, varsity sports, EHS activities etc.)

**Major: Liberal Arts**

**Degree: B.A.**

**Option: Arts and Humanities**

**Minimum Semester Hours Required: 124**

**Thirty-four hours\* are required for a major in Liberal Arts with an option in Arts and Humanities:**

LA 222 Exploring the Liberal Arts	1 hour	<b>Natural and Mathematical Sciences courses in addition to core curriculum:</b>	<b>6 hours</b>
<b>Arts and Humanities courses in addition to core curriculum</b>	<b>18 hours</b>	(BIO, CHEM, CSCI, MATH, PHYS)	
(ART, COMM, ENG, FLM, FREN, HIS, MUS, PHIL, SPAN, THT)		LA 492 Liberal Arts Seminar	3 hours
<b>Social and Behavioral Sciences courses in addition to core curriculum</b>	<b>6 hours</b>	(with adviser approval an internship, usually LA 475, may be taken)	
(BUS, CJUS, ECFN, EDUC, PSGS, PSY)			

Courses selected must be approved by the academic adviser and cannot include extracurricular/activity type courses (such as music lessons, music ensembles, varsity sports, EHS activities etc.)

**Major: Liberal Arts**

**Degree: B.A.**

**Option: Classical Studies**

**Minimum Semester Hours Required: 124**

**Thirty-four hours\* are required for a major in Liberal Arts with an option in Classical Studies\*\*:**

LA 222 Exploring the Liberal Arts	1 hour	Electives in which the focus is the pre-Renaissance West.	
<b>Classical Studies courses</b>	<b>18 hours</b>	<b>Arts and Humanities courses in addition to core curriculum</b>	<b>6 hours</b>
BIB electives (6 hours required)			

(ART, COMM, ENG, FLM, FREN, HIS, MUS, PHIL,  
SPAN, THT)

**Natural and Mathematical Sciences courses in addition to  
core curriculum:** 6 hours

**Courses selected must be approved by the academic adviser and cannot include extracurricular/activity type courses (such as music lessons, music ensembles, varsity sports, EHS activities etc.)**

(BIO, CHEM, CSCI, MATH, PHYS)  
LA 492 Liberal Arts Seminar 3 hours  
(with adviser approval an internship, usually LA 475,  
may be taken)

**\*\* Classical Studies option students must choose a classical language for the core curriculum foreign language requirement.**

### **Major: Liberal Arts**

**Degree: B.A.**

#### **Option: Natural and Mathematical Sciences**

**Minimum Semester Hours Required: 124**

**Thirty-four hours\* are required for a major in Liberal Arts with an option in Natural and Mathematical Sciences:**

LA 222 Exploring the Liberal Arts 1 hour

SPAN, THT)

**Natural and Mathematical Sciences courses in addition to  
core curriculum:** 18 hours

**Social and Behavioral Sciences courses in addition to  
core curriculum** 6 hours

(BIO, CHEM, CSCI, MATH, PHYS)

(BUS, CJUS, ECFN, EDUC, PSGS, PSY)

**Arts and Humanities courses in addition to core  
curriculum** 6 hours

LA 492 Liberal Arts Seminar 3 hours  
(with adviser approval an internship, usually LA 475,  
may be taken)

(ART, COMM, ENG, FLM, FREN, HIS, MUS, PHIL,

**Courses selected must be approved by the academic adviser and cannot include extracurricular/activity type courses (such as music lessons, music ensembles, varsity sports, EHS activities etc.)**

### **Major: Liberal Arts**

**Degree: B.A.**

#### **Option: Social and Behavioral Sciences**

**Minimum Semester Hours Required: 124**

**Thirty-four hours\* are required for a major in Liberal Arts with an option in Social and Behavioral Sciences:**

LA 222 Exploring the Liberal Arts 1 hour

SPAN, THT)

**Social and Behavioral Sciences courses in addition to core  
curriculum** 18 hours

**Natural and Mathematical Sciences courses in addition to  
core curriculum:** 6 hours

(BUS, CJUS, ECFN, EDUC, PSGS, PSY)

(BIO, CHEM, CSCI, MATH, PHYS)

**Arts and Humanities courses in addition to core  
curriculum** 6 hours

LA 492 Liberal Arts Seminar 3 hours  
(with adviser approval an internship, usually LA 475,  
may be taken)

(ART, COMM, ENG, FLM, FREN, HIS, MUS, PHIL,

**Courses selected must be approved by the academic adviser and cannot include extracurricular/activity type courses (such as music lessons, music ensembles, varsity sports, EHS activities etc.)**

**\* Forty percent of the coursework used to satisfy the major requirements for Bachelor's programs must be 300 or 400 level.**

## **Requirements for a Major in Political Communication**

### **Major: Political Communication**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Fifty-four hours are required for a major in Political Communication:**

COMM 324 Persuasive Communication 3 hours

PSGS 492 Presidential Cabinet 3 hours

COMM 325 Principles of Public Relations 3 hours

Choose TWO from: 6 hours

COMM 330 Psychology of Communication 3 hours

COMM 221 Interpersonal Communication (3)

COMM 424 Rhetorical Thought & Theory 3 hours

COMM 331 Intercultural Communication (3)

COMM 435 Public Speaking Seminar 3 hours

COMM 345 Nonverbal Communication (3)

PSGS 212 Politics, Philosophy & Economics 3 hours

COMM 434 Organizational Communication (3)

PSGS 323 Political Communication 3 hours

Choose ONE from: 3 hours

PSGS 475 Internship (or PSGS 376) 3 hours

COMM 225 Social Media as Communication (3)

PSGS 490 Adv Discourses in Politics, Phil & Econ 3 hours

PSGS 229 Media & American Politics (3)

Choose ONE from:	3 hours	PSGS 399 The American National Election: Congressional	
COMM 243 Mass Communication Law & Ethics (3)		PSGS 499 The American National Election: Presidential	
COMM 326 Communication Ethics & Issues (3)		Choose TWO from:	6 hours
Choose ONE from:	3 hours	HIS 395 American Political History (3)	
PSGS 394 Strategy & Tactics in Amer Politics: Congressional		PSGS 221 Origins & Basis for Government (3)	
PSGS 494 Strategy & Tactics in Amer Politics: Presidential		PSGS 225 State & Local Government (3)	
Choose ONE from:	3 hours	PSGS 339 Law & Public Policy (3)	
		PSGS 349 International Relations (3)	
		PSGS 374 Federal Seminar (3)	

## Requirements for a Major in Politics and Government

**Major: Politics and Government**

**Degree: B.A.**

**Minimum Semester Hours Required: 124**

**Thirty hours are required for a major in Politics and Government\*:**

PSGS 225 State & Local Government	3 hours	PSGS 349 International Relations	3 hours
PSGS 226 American Government	3 hours	PSGS electives	9 hours
PSGS 230 Jurisprudence	3 hours	PSGS upper level electives	9 hours

**Major: Politics and Government**

**Degree: B.A.**

**Option: Law**

**Minimum Semester Hours Required: 124**

**Thirty-six hours are required for a major in Politics and Government with an option in Law:**

BUS 326 Legal Environment for Business	3 hours	PSGS 226 American Government	3 hours
CJUS 331 Criminal Law & Procedure	3 hours	PSGS 339 Law & Public Policy	3 hours
HIS 393 American Constitutional History	3 hours	PSGS 349 International Relations	3 hours
PHIL 316 Logic & Critical Thinking	3 hours	PSGS 421 American Constitutional Law	3 hours
PSGS 225 State & Local Government	3 hours	PSGS electives	9 hours

## Requirements for a Minor in Creative Writing

**Eighteen hours are required for a minor in Creative Writing:**

ENG 211 Introduction to Literature	3 hours	ENG 328 Creative Writing: Fiction (3)
ENG 245 Introduction to Creative Writing	3 hours	ENG 329 Creative Writing: Poetry (3)
Choose 12 hours from:	12 hours	ENG 374 Editing Essentials (3)
ENG 325 Creative Writing: Creative Nonfiction (3)		ENG 493 English Thesis Research (1)
ENG 327 Advanced Grammar (3)		ENG 496 English Thesis (2)

## Requirements for a Minor in Criminal Justice

**Eighteen hours are required for a minor in Criminal Justice:**

CJUS 221 Introduction to Criminal Justice	3 hours	CJUS 331 Criminal Law and Procedure	3 hours
CJUS 249 Public Administration of Criminal Justice	3 hours	CJUS upper level electives	9 hours

## Requirements for a Minor in English

**Eighteen hours are required for a minor in English:**

ENG 211 Introduction to Literature	3 hours	FIVE additional upper level ENG electives:	15 hours
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## Requirements for a Minor in History

**Eighteen hours are required for a minor in History:**

HIS 111-112 History of Western Civilization I&II	6 hours	Upper-level history electives	6 hours
HIS 221-222 History of the United States I&II	6 hours		

## Requirements for a Minor in Politics and Government

**Eighteen hours are required for a minor in Politics and Government:**

PSGS 226 American Government	3 hours	PSGS upper level electives	6 hours
PSGS electives	9 hours		

# DEPARTMENT OF MATHEMATICAL AND PHYSICAL SCIENCES

## Vogel School of Engineering

### Purpose Statement

The Department of Mathematical and Physical Sciences offers courses which cultivate mental habits of accuracy and logical reasoning, develop the ability to communicate ideas in the language of mathematics, foster a knowledge of the place of mathematics and computer science in the history of the world, and equip students to use modern computer technology. In addition, the Physical Sciences Program will introduce students to the methods and discoveries of the physical sciences.

### Educational Objectives

1. Departmental majors will exercise problem-solving ability using mathematical and logical reasoning.
2. Departmental majors will use computers and calculators to explore, solve problems, or teach others.
3. Departmental majors will express and understand information in the language of mathematics.
4. Departmental majors will recognize how mathematics and computer science interface with other disciplines.
5. Departmental majors will grasp historical and philosophical contexts of mathematics or computer science, especially as they relate to the Christian faith.
6. Departmental majors and physical science minors will exhibit foundational knowledge necessary for careers or further study in fields related to mathematical and physical sciences.
7. Physical science minors will develop their knowledge of the physical sciences.
8. Physical science minors will demonstrate safe and effective laboratory procedures.

### Requirements for a Major in Mathematics

**Major: Mathematics**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Forty-five hours are required for a major in Mathematics\*:**

CSCI 116 Programming I	3 hours	MATH 330 History & Philosophy of Mathematics	2 hours
MATH 132 Introduction to Logic & Proof	3 hours	MATH 342 Linear Algebra	3 hours
MATH 221 Calculus II	4 hours	MATH 400 Advanced Research	3 hours
MATH 222 Calculus III	4 hours	MATH 421 Real Analysis	3 hours
MATH 242 Statistics for Scientists & Engineers	3 hours	MATH 423 Abstract Algebra	3 hours
MATH 324 Numerical Methods	3 hours	MATH 490 Senior Seminar	1 hour
MATH 326 Differential Equations	4 hours	MATH electives (300/400 level)	6 hours

\* Students are required to choose MATH 122 Calculus I as the core curriculum math requirement and PHYS 245-6 College Physics I and II as the core curriculum natural science requirement.

## Requirements for a Major in Mathematics

**Major: Mathematics**

**Degree: B.S.**

**Option: Secondary Licensure\***

**Minimum Semester Hours Required: 124**

**Seventy-one hours are required for a major in Mathematics-Secondary Licensure:**

(For additional requirements see the Education Department.)

EDUC 119 Introduction to Teaching	2 hours	EHS 221 Safety Education & First Aid	2 hours
EDUC 224 Human Learning	3 hours	EHS 222 School & Community Health	2 hours
EDUC 226 Classroom Management	2 hours	MATH 132 Introduction to Logic & Proof	3 hours
EDUC 311 Instructional Technology	3 hours	MATH 221 Calculus II	4 hours
EDUC 323 Tests and Measurements	2 hours	MATH 222 Calculus III	4 hours
EDUC 324 Exceptional Children	2 hours	MATH 242 Statistics for Scientists & Engineers	3 hours
EDUC 338 Universal Teaching Methods	3 hours	MATH 326 Differential Equations	4 hours
EDUC 340 Curriculum Design	2 hours	MATH 330 History & Philosophy of Mathematics	2 hours
EDUC 341 Methods of Teaching Mathematics	2 hours	MATH 340 Modern Geometry	3 hours
EDUC 420 Philosophy of Education	2 hours	MATH 400 Advanced Research	3 hours
EDUC 440 Education Capstone	2 hours	MATH 423 Abstract Algebra	3 hours
EDUC 442 Observation & Student Teaching in Secondary Education	12 hours	MATH 490 Senior Seminar	1 hour

\* Students are required to choose MATH 122 Calculus I as the core curriculum math requirement and PHYS 245-246 College Physics I and II as the core curriculum natural science requirement.

**Major: Mathematics**

**Degree: B.S.**

**Option: Applied Mathematics and Computer Technology**

**Minimum Semester Hours Required: 124**

**Fifty-four hours are required for a major in Mathematics-Applied Mathematics and Computer Technology:**

CSCI 116 Programming I	3 hours	MATH 222 Calculus III	4 hours
CSCI 241 Introduction to Database Development	3 hours	MATH 242 Statistics for Scientists & Engineers	3 hours
CSCI 251 Operating Systems	3 hours	MATH 324 Numerical Methods	3 hours
CSCI 324 Computer Organization	3 hours	MATH 326 Differential Equations	3 hours
CSCI 325 Programming II	3 hours	MATH 330 History & Philosophy of Mathematics	2 hours
CSCI 328 Data Structures	3 hours	MATH 400 Advanced Research	3 hours
CSCI 422 Networking	3 hours	MATH 490 Senior Seminar	1 hour
MATH 132 Introduction to Logic & Proof	3 hours	MATH electives (300/400 level)	6 hours
MATH 221 Calculus II	4 hours		

\* Students are required to choose MATH 122 Calculus I as the core curriculum math requirement and PHYS 245-246 College Physics I and II as the core curriculum natural science requirement.

## Requirements for a Minor in Chemistry

**Twenty-six hours are required for a minor in Chemistry:**

CHEM 131-132 General Chemistry I & II	8 hours	CHEM 420 Biochemistry (4)
CHEM 241-242 Organic Chemistry I & II	8 hours	CHEM 470 Introduction to Chemical Research (1-4)
Electives chosen from:	10 hours	CHEM 490 Selected Topics (3)
CHEM 322 Topics in Computational Chemistry (2)		
CHEM 331 Analytical Chemistry (4)		

## Requirements for a Minor in Computer Science

**Eighteen hours are required for a minor in Computer Science:**

CSCI 116 Programming I	3 hours	CSCI 328 Data Structures	3 hours
CSCI 325 Programming II	3 hours	CSCI 422 Networking	3 hours
CSCI 324 Computer Organization	3 hours	CSCI Elective (200 or higher)	3 hours

## Requirements for a Minor in Mathematics

**Eighteen hours are required for a minor in Mathematics:**

MATH 132 Introduction to Logic & Proof	3 hours	MATH 211 Elementary Statistics	
MATH 221 Calculus II	4 hours	MATH 242 Statistics for Scientists & Engineers	
MATH 326 Differential Equations	4 hours	MATH elective	2 hours
<b>ONE</b> of the following:	3 hours	MATH upper level elective	2 hours

## Requirements for a Minor in Physics

**Eighteen hours are required for a minor in Physics:**

PHYS 245 College Physics I	4 hours	ONE of the following:	3 hours
PHYS 246 College Physics II	4 hours	EGR 222 Circuits & Instrumentation (3)*	
PHYS 322 Modern Physics	4 hours	EGR 223 Engineering Mechanics-Statics (3)*	
PHYS 424 Quantum Mechanics	3 hours		

\* Requires prerequisites

# DEPARTMENT OF PERFORMING ARTS

## School of Humanities and Christian Studies

### Purpose Statement

The Department of Performing Arts provides professional preparation for students seeking careers in music and/or theatre as well as related vocations and offers instruction for students seeking life-long learning experiences in the arts.

### Educational Objectives

1. Students will demonstrate a comprehension of the arts in relation to theory, history, and standard performance practices.
2. Students will develop their individual skills and philosophy of the arts reflecting a Christian worldview.
3. Students will evidence the competencies and attitudes needed to guide others toward greater understanding and participation of the arts.
4. Students will develop individual artistic skills and apply them in practical situations in a changing culture.
5. Students will contribute to musical and theatrical activities in both the college and wider community.

### Music Evaluation and Placement

1. Candidates for admission to the music program must meet the general requirements for admission to the College and must appear for an audition during registration for placement in private lessons and keyboard proficiency.
2. Candidates must demonstrate sufficient background in at least one performing medium which will be considered their area of concentration. The following are acceptable as “major” instruments:
  - a. Piano, voice, organ, brass or woodwind instrument for which the College has a resident instructor.
  - b. Other instruments on approval by the Chair of the Department if the student is willing to take private lessons elsewhere from an approved teacher.

### Requirements for a Major in Music

**Major: Music**

**Degree: B.A.**

**Minimum Semester Hours Required: 124**

**Thirty-three hours are required for Music:**

MUS 121-122 Music Theory I & II	6 hours	MUS 333 Instrumental Conducting	
MUS 123-124 Aural Skills I & II	2 hours	Music History	4 hours
MUS 235 Introduction to Music Technology	2 hours	Music Lessons/Keyboard Proficiency	4 hours
MUS 490 Senior Music Seminar	1 hour	Ensembles	4 hours
<b>ONE</b> of the following:	2 hours	Music electives (excluding lessons/ensembles)	8 hours
MUS 332 Choral Conducting			

**Major: Music**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Option: Contemporary Music**

**Fifty hours are required for Contemporary Music:**

MUS 111-112 Keyboard Proficiency I & II	2 hours	MUS 332 Choral Conducting	
MUS 121-122 Music Theory I & II	6 hours	MUS 333 Instrumental Conducting	
MUS 123-124 Aural Skills I & II	2 hours	Music History	6 hours
MUS 235 Introduction to Music Technology	2 hours	Music Lessons	6 hours
MUS 490 Senior Music Seminar	1 hour	Ensembles	7 hours
<b>ONE</b> of the following:	2 hours	CCCU Contemporary Music Center	16 hours

**Major: Music****Degree: B.S.****Option: Music Education K-12 Licensure (Vocal/General)****Minimum Semester Hours Required: 140****Ninety-four hours are required for Music Education Vocal/General Licensure:**

(For additional requirements see the Education Department.)

EDUC 119 Introduction to Teaching	2 hours	MUS 223-224 Aural Skills III & IV	2 hours
EDUC 224 Human Learning	3 hours	MUS 235 Introduction to Music Technology	2 hours
EDUC 226 Classroom Management	2 hours	MUS 321 Orchestration	2 hours
EDUC 311 Instructional Technology	3 hours	MUS 332 Choral Conducting	2 hours
EDUC 323 Tests and Measurements	2 hours	MUS 333 Instrumental Conducting	2 hours
EDUC 324 Exceptional Children	2 hours	MUS 341-342-343-344 Music History I, II, III, & IV	8 hours
EDUC 338 Universal Teaching Methods	3 hours	MUS 422 Methods of Teaching Voice	2 hours
EDUC 340 Curriculum Design	2 hours	MUS 448 Methods of Teaching Elementary School Music	2 hours
EDUC 420 Philosophy of Education	2 hours	MUS 449 Methods of Teaching Secondary School Music	2 hours
EDUC 440 Education Capstone	2 hours	MUS 490 Senior Music Seminar	1 hour
EDUC 443 Observation and Student Teaching	12 hours	Music Lessons	8 hours
EHS 221 Safety Education & First Aid	2 hours	Ensembles	8 hours
EHS 222 School & Community Health	2 hours		
MUS 121-122 Music Theory I & II	6 hours		
MUS 123-124 Aural Skills I & II	2 hours		
MUS 221-222 Music Theory III & IV	6 hours		

**Major: Music****Degree: B.S.****Option: Music Education K-12 Licensure (Instrumental)****Minimum Semester Hours Required: 146****One hundred hours are required for Music Education Instrumental Licensure:**

(For additional requirements see the Education Department.)

EDUC 119 Introduction to Teaching	2 hours	MUS 235 Introduction to Music Technology	2 hours
EDUC 224 Human Learning	3 hours	MUS 321 Orchestration	2 hours
EDUC 226 Classroom Management	2 hours	MUS 332 Choral Conducting	2 hours
EDUC 311 Instructional Technology	3 hours	MUS 333 Instrumental Conducting	2 hours
EDUC 323 Tests and Measurements	2 hours	MUS 341-342-343-344 Music History I, II, III, & IV	8 hours
EDUC 324 Exceptional Children	2 hours	MUS 347 Band Director Methods	2 hours
EDUC 338 Universal Teaching Methods	3 hours	MUS 435 Brass & Percussion Methods	2 hours
EDUC 340 Curriculum Design	2 hours	MUS 436 Woodwind Methods	2 hours
EDUC 420 Philosophy of Education	2 hours	MUS 437 String Methods	2 hours
EDUC 440 Education Capstone	2 hours	MUS 448 Methods of Teaching Elementary School Music	2 hours
EDUC 443 Observation & Student Teaching	12 hours	MUS 449 Methods of Teaching Secondary School Music	2 hours
EHS 221 Safety Education & First Aid	2 hours	MUS 490 Senior Music Seminar	1 hour
EHS 222 School & Community Health	2 hours	Music Lessons	8 hours
MUS 121-122 Music Theory I & II	6 hours	Ensembles	8 hours
MUS 123-124 Aural Skills I & II	2 hours		
MUS 221-222 Music Theory III & IV	6 hours		
MUS 223-224 Aural Skills III & IV	2 hours		

**Major: Music****Degree: B.S.****Option: Music Ministry/Church Music****Minimum Semester Hours Required: 124****Fifty-nine hours are required for Music Ministry/Church Music:**

MUS 111-112 Keyboard Proficiency I & II	2 hours	MUS 332 Choral Conducting	
MUS 121-122 Music Theory I & II	6 hours	MUS 333 Instrumental Conducting	
MUS 123-124 Aural Skills I & II	2 hours	MUS 339-340 Hymnology I & II	4 hours
MUS 211-212 Keyboard Proficiency III & IV	2 hours	MUS 341-342-343-344 Music History I - IV	8 hours
MUS 221-222 Music Theory III & IV	8 hours	MUS 345 History of Church Music	2 hours
MUS 235 Introduction to Music Technology	2 hours	MUS 346 Church Music Administration	2 hours
<b>ONE</b> of the following:	2 hours	<b>ONE</b> of the following courses:	2 hours

MUS 321 Orchestration	
MUS 324 Analytical Techniques	
MUS 490 Senior Music Seminar	1 hour

Music Lessons	8 hours
Ensembles	8 hours

**Major: Music**

**Degree: B.S.**

**Option: Musical Theatre**

**Minimum Semester Hours Required: 124**

**Forty-nine hours are required for Musical Theatre:**

THT 161 Theatre Practicum	1 hour
THT 161 Theatre Practicum	1 hour
THT 237 Musical Theatre	3 hours
THT 231 Intermediate Theatre Practicum	2 hours
THT 235 Acting: Techniques	3 hours
THT 336 Directing for the Stage	3 hours
<b>THREE</b> of the following:	9 hours
THT 111 Introduction to Theatre	
THT 220 Oral Interpretation	
THT 234 Stagecraft	
THT 335 Acting: Scene Study	

MUS 121-122 Music Theory I & II	6 hours
MUS 123-124 Aural Skills I & II	2 hours
MUS 235 Introduction to Music Technology	2 hours
<b>ONE</b> of the following:	2 hours
MUS 332 Choral Conducting	
MUS 333 Instrumental Conducting	
MUS 342-343 Music History II or III	2 hours
MUS 490 Senior Music Seminar	1 hour
Voice Lessons	6 hours
THT or MUS electives	6 hours
(may include no more than 4 ensemble hours)	

**Major: Music**

**Degree: B.S.**

**Option: Performance**

**Minimum Semester Hours Required: 124**

**Fifty-nine hours are required for Performance:**

MUS 111-112 Keyboard Proficiency I-II†	2 hours
MUS 121-122 Music Theory I & II	6 hours
MUS 123-124 Aural Skills I & II	2 hours
MUS 211-212 Keyboard Proficiency III & IV†	2 hours
MUS 221-222 Music Theory III & IV	8 hours
MUS 235 Introduction to Music Technology	2 hours
MUS 490 Senior Music Seminar	1 hour
<b>ONE</b> of the following:	2 hours
MUS 321 Orchestration	
MUS 324 Analytical Techniques	

<b>ONE</b> of the following:	2 hours
MUS 332 Choral Conducting	
MUS 333 Instrumental Conducting	
MUS 341-342-343-344 Music History I, II, III, & IV	8 hours
Music Lessons	12 hours†
Ensembles	8 hours*
Music literature course in performance area	2-4 hours*
Teaching methods course in performance area	2 hours

† Piano Performance students take 16 hours of lessons, Keyboard Proficiency (MUS 111-212) is not required.

\* Piano Performance students take both MUS 335 and 336 (4 credits) and reduce the ensemble hours to 6.

**Major: Music**

**Degree: B.S.**

**Option: Piano Pedagogy**

**Minimum Semester Hours Required: 124**

**Fifty-seven hours are required for Piano Pedagogy:**

MUS 121-122 Music Theory I & II	6 hours
MUS 123-124 Aural Skills I & II	2 hours
MUS 221-222 Music Theory III & IV	6 hours
MUS 223-224 Aural Skills III & IV	2 hours
MUS 235 Introduction to Music Technology	2 hours
<b>ONE</b> of the following courses:	2 hours
MUS 321 Orchestration	
MUS 324 Analytical Techniques	
<b>ONE</b> of the following courses:	2 hours

MUS 332 Choral Conducting	
MUS 333 Instrumental Conducting	
MUS 335-336 Piano Literature I & II	4 hours
MUS 341-342-343-344 Music History I - IV	8 hours
MUS 425 Methods of Teaching Piano	2 hours
MUS 426 Piano Teaching Practicum	2 hours
MUS 490 Senior Music Seminar	1 hour
Music Lessons	10 hours
Ensembles	8 hours

## Major: Theatre

Degree: B.S.

Minimum Semester Hours Required: 124

### Forty-six hours are required for a major in Theatre:

THT 161 Theatre Practicum	2 hours	THT 431 Dramatic Literature and Criticism	3 hours
THT 231 Intermediate Theatre Practicum	2 hours	THT 432 Elizabethan Theatre	3 hours
THT 234 Stagecraft	3 hours	THT 461 Senior Seminar	1 hour
THT 235 Acting: Techniques	3 hours	Major electives (THT, COMM, FLM, ART, ENG, FA) 18 hours	
THT 237 Musical Theatre	3 hours	9 of the 18 hours must be THT	
THT 331 Advanced Theatre Practicum	2 hours	6 of the 18 hours must be 300/400 level	
THT 335 Acting: Scene Study	3 hours		
THT 336 Directing for the Stage	3 hours		

## Requirements for a Minor in Music

### Twenty hours are required for a minor in Music:

MUS 121-122 Music Theory I & II	6 hours	Music Elective(s) (chosen from music theory, church music, music history, music literature, music education, or music pedagogy)	4 hours
MUS 123-124 Aural Skills I & II	2 hours		
ONE of the following:	2 hours		
MUS 332 Choral Conducting		Music Lessons	6 hours
MUS 333 Instrumental Conducting			

## Requirements for a Minor in Theatre

### Nineteen hours are required for a minor in Theatre:

THT 220 Oral Interpretation	3 hours	THT 334 Costume & Makeup (3)	
THT 235 Acting: Techniques	3 hours	THT 335 Acting: Scene Study (3)	
Choose 13 hours from:	13 hours	THT 336 Directing for the Stage (3)	
THT 161 Theatre Practicum (4 maximum)		THT 431 Dramatic Literature & Criticism (3)	
THT 111 Introduction to Theatre (3)		THT 432 Elizabethan Theatre (3)	
THT 234 Stagecraft (3)		THT 433 London Theatre Tour (3)	
THT 237 Musical Theatre (3)		THT 490 Selected Topics (1-3)	

## KEYBOARD SKILLS REQUIREMENTS

All music majors *for the Bachelor of Science degree* must demonstrate proficiency in keyboard skills. Piano Performance and Pedagogy students prepare skills for Sophomore Platform. Music Education students must pass the piano skills test. All other non-piano music majors will meet their piano skills requirements by passing the keyboard proficiency courses required for their programs. All incoming music majors must audition for piano skills evaluation. It is possible to test out of one or more semesters of keyboard proficiency classes.

## MUSIC LESSONS

Private lessons in piano, voice, and organ are available to all students who wish them. Students who have not taken music lessons previously at Bryan College should audition for the music faculty during registration. Music majors must take music lessons according to their major option requirements. Any student studying privately who is qualified to participate in recitals or other programs during the year is expected to do so.

## **Music Lesson/Recital/Platform Requirements**

All music majors take a minimum of four semester hours of private study in one area of concentration. Most options require an additional 4-10 semester hours of private study in the same area.

**Music Examinations:** Music majors will perform before the music faculty at the end of each semester.

**Sophomore Platform Evaluation:** During the sophomore year, a performance test will be scheduled for each music major. Both musical and academic progress will be reviewed, which will lead to an assessment of the advisability of the student continuing as a music major.

**Junior Recital Requirements:** Students choosing the performance option will give a half-hour recital in their junior year.

**Senior Recital Requirements:** Students in the performance option will present a one-hour recital in their senior year. Those completing the Music Ministry/Church Music, Music Education, and Piano Pedagogy options will present a half-hour recital in their senior year. The recital may be given either semester of the senior year. A recital for those completing any of the other options is optional.

**Recital Attendance Policy:** All music majors are required to attend all on-campus programs presented by the Department of Performing Arts.

## **Acceptance into and Continuation in the Theatre Major**

During the semester in which the student completes 58 semester hours of credit (usually the second semester of the sophomore year), he or she should apply for official admission to the Theatre major. Transfer students should consult with their academic adviser during their first semester of enrollment at Bryan regarding this requirement.

Students will only be formally accepted into the Theatre major upon the positive recommendation of the Theatre faculty. At the end of their sophomore year, prospective majors will schedule an interview with the department faculty. The faculty will then evaluate each student's performance proficiency, professional goals, and his or her ability to succeed in the discipline based on the attainment of the following minimum criteria: (1) a minimum grade of B- in every Theatre related course, (2) a cumulative GPA of 2.3 at the time of application to the major, and (3) the satisfactory completion of the application forms and supplementary information required by the Theatre faculty.

# DEPARTMENT OF PSYCHOLOGY

## School of Professional Studies

### Purpose Statement

The Department of Psychology attempts to develop graduates who have strong personal identity and interpersonal skills to become professionally competent in their knowledge of the discipline of psychology; this includes a personalized, integrative understanding of how their faith interacts with psychology.

### Educational Objectives

1. Students will develop an adequate knowledge of psychology as a discipline, critical thinking skills, and knowledge of how psychology impacts the present day culture.
2. Students will evidence a personal, integrative perspective regarding faith and psychology; and an ability to apply that Biblical worldview perspective to the community in which students live.
3. The Department will provide students with an adequate preparation for graduate school.
4. Students will develop strong, personal identity and interpersonal skills.

#### Psychology Department Integrative Position Paper - Fall 2003

The Psychology Department attempts to train students in the content knowledge of the discipline, while providing a distinctively Christian worldview in the study of psychology. This is done on a practical level by choosing a secular text to teach the content knowledge, plus an integrative text that explores the integrative issues in that area of the discipline. Thinking Christianly about psychology involves how we view God (God-view), how we treat and respect His Word (Bible-view), and the unique lens we use to view the world around us (world-view). A proper perspective and faith understanding of God and His Word is necessary in developing a Christian worldview. Psychology without God is like watching a 3-D movie without glasses; it is fuzzy at best.

The Psychology Department's Theme Verse is: *"The Sovereign Lord has given me an instructed tongue, to know the word that sustains the weary. He wakens me morning by morning, wakens my ear to listen like one being taught". (Isaiah 50:4)*

This theme verse highlights the department's assumption that God's Word provides the framework for our personal pain. Integration sees the Bible as a sifting grid. Psychology is then poured through that sifting grid. Whatever falls through agrees with biblical principles and is thus good for use in counseling. Whatever does not fall through the grid, does not agree with biblical principles, and therefore should not be used in counseling, or applied to one's life.

Jesus stated in Matthew 22:37-39, "Love the Lord your God with all your heart and with all your soul and with all your mind. This is the first and greatest commandment. And the second is like it: love your neighbor as yourself." This command encapsulates the entire discipline of psychology at Bryan College. The Bryan College Department of Psychology's mission is to aid students in their journey of loving and developing eternally meaningful relationships with God, others, and self.

This journey takes a lifetime to complete. Philippians 1:6, "Being confident of this, that he who began a good work in you will carry it on to completion until the day of Christ Jesus." The healthy personality flows out of the work of the Holy Spirit: love, joy, peace, patience, kindness, goodness, faithfulness, gentleness, and self-control. The Holy Spirit is an active agent in personal growth" (Walker, 2003). Human beings must rely on God's provision and the "body" for enabling them to become what we could never become through our own effort. "He is the head of the body, the church" (Galatians 1:18), and He wants to work in and through us. The Psychology department is about equipping its students to help God's people on the journey. Larry Crabb puts it this way, "It's about learning a language that has the power to pull back the curtains on our soul, to move through the mess, and to help each other discover that what we really want is God" (Soul Talk, p. 9).

God's children are fallen image bearers who struggle with how to reflect that image more accurately. We are fallen creatures in a fallen world that desperately want to avoid the pain of this world's fallenness. Pain in life is inevitable; misery is optional. Misery is our fleshly attempt to make this life work without complete dependency on God. Our lust for control, waywardness and sinful self-reliance block the Spirit's desire to appropriate God's grace in each of life's circumstances.

A theology of suffering is how to spiritually respond to the fallenness of this world without increasing our pain and without dishonoring our Lord. Counselors have the unique privilege of teaching this theology of suffering to clients that come to them with shattered lives and dreams. Counseling is the surgical application of God's Truth to a particular person's need at a particular time in their lives. That discernment requires God dependency and a knowledge of the human heart. Psychology can help prepare the heart to receive the Word of truth but it does not add to or otherwise augment God's Truth.

We encourage our majors to minor in Bible to better develop this necessary dual competency in God's Word and the discipline of

psychology. Finally, psychology and counseling are envisioned by this department to be servants of the church to inspire and instruct towards greater Christlikeness for God’s ultimate glory. To quote John Piper, “God is most glorified in us when we are most satisfied in Him.”

### 3 + 2 Program with Richmont Graduate University

The 3+2 program offers students the opportunity to complete a Bachelor of Science with a major in Psychology from Bryan College and a Master of Arts in Professional Counseling from Richmont Graduate University in as little as five years. Participants in the program will complete three academic years at Bryan College, fulfilling all major requirements and all but one hour of core curriculum (100 credit hours). During the three years at Bryan College, five courses within the major are completed as enriched courses and the student must earn no lower than a B (3.0) in each course. These five courses will then be accepted to Richmont Graduate University. After completing an additional 24 hours of graduate courses at the Richmont Graduate University campus, the student will be awarded a Bachelor of Science from Bryan College.

### Acceptance into the Psychology Major

The psychology major is open to all undergraduate students in good academic standing (2.0 cumulative GPA or higher). An essay, two pages in length, on the topic of “Why I Want to Major in Psychology,” is also required. Students are encouraged to apply to the major no later than the end of their sophomore year to aid in proper advising for degree completion.

Additionally, majors desiring to complete the 3+2 program with Richmont Graduate University must apply by the third Monday of February during the freshmen year; have a personal interview; earn a 3.0 cum gpa; have completed at least one major course; and have submitted a 500 word autobiographical essay with rationale for wanting to be a counselor. For more information please contact the department.

### Requirements for a Major in Psychology

**Major: Psychology**

**Degree: B.S.**

**Minimum Semester Hours Required: 124**

**Forty-six hours beyond PSY 111 General Psychology\* are required for a major in Psychology:**

PSY 228 Dating, Marriage, & Family Life	3 hours	PSY 337 Professional Applications in Psychology	1 hour
PSY 322 Research Design & Methodology	3 hours	PSY 424 Abnormal Psychology	3 hours
PSY 325 Personality Theory	3 hours	PSY 429 Counseling Theories	3 hours
PSY 327 Methods and Models of Integration	3 hours	PSY 432 History & Systems of Psychology	3 hours
PSY 328 Soul Care Counseling	3 hours	PSY 449 Counseling Techniques	3 hours
PSY 330 Life-span Development	3 hours	PSY 490 Senior Capstone Experience	3 hours
PSY 331 Physiological Psychology	3 hours	PSY electives	6 hours
PSY 334 Social Psychology	3 hours		

\*Psychology majors must choose PSY 111 General Psychology; BIO 210 Introduction to Anatomy & Physiology (or BIO 221); and MATH 211 Elementary Statistics as core curriculum requirements.

### Requirements for a Minor in Counseling Psychology

**Eighteen hours beyond PSY 111 General Psychology\* are required for a minor in Counseling Psychology:**

PSY 325 Personality Theory	3 hours	PSY 429 Counseling Theories	3 hours
PSY 327 Methods and Models of Integration	3 hours	<b>ONE</b> of the following:	3 hours
PSY 334 Social Psychology	3 hours	PSY 330 Life-span Development	
PSY 424 Abnormal Psychology	3 hours	PSY 449 Counseling Techniques	

\*Psychology minors must choose PSY 111 General Psychology as a core curriculum requirement.

## Requirements for a Minor in Soul Care

### **Eighteen hours are required for a minor in Soul Care:**

PSY 231 Introduction to Christian Soul Care	3 hours	CM 123 Spiritual Formation for Ministry	
PSY 327 Methods & Models of Integration	3 hours	PSY 431 Group Experience in Soul Care	
PSY 328 Soul Care Counseling	3 hours	<b>ONE</b> of the following:	3 hours
PSY 422 Psychology of Christian Spirituality	3 hours	PSY 334 Social Psychology	
<b>ONE</b> of the following	3 hours	PSY 426 Gender & Sexuality	

# **SPECIAL PROGRAMS**

# COOPERATIVE STUDY PROGRAMS

Cooperative Study Programs are available to degree-seeking students who have attended Bryan College for at least one full time semester. Students must be recommended by Bryan faculty and meet admission requirements for the program in which they are interested.

## Council for Christian Colleges and Universities Programs

Although Bryan College is no longer a member of the CCCU, the college, by mutual agreement with the CCCU, may continue to offer its students the CCCU programs described below. Bryan College students may not be given priority when filling slots in a particular program, and therefore may not be guaranteed acceptance into that program in a given semester.

Those programs that are currently active at Bryan College are shown below. Students interested in opportunities other than those listed should request the CCCU *Best Semester* catalog from the Academic Office and also consult their adviser.

### Contemporary Music Center (CMC)

**Mr. Warren Pettit, Director**

**Kimberly A. Keck, D.M.A., Campus Contact**

The Contemporary Music Center provides you with the opportunity to live and work in the refining context of community while seeking to understand how God will have them integrate music, faith and business. The CMC offers three tracks: the Artist, Business and Technical Tracks. The Artist Track is tailored to students considering careers as vocalists, musicians, songwriters, recording artists, performers and producers. The Business Track is designed for arts management, marketing, communications and related majors interested in possible careers as artist managers, agents, music publishers, tour managers, concert promoters and entertainment industry entrepreneurs. The Technical Track prepares you for a career in live sound, concert lighting and studio recording. Within each of the tracks you will receive instruction, experience and a uniquely Christ-centered perspective on creativity and the marketplace, while working together to create and market a recording of original music. Each track includes coursework, labs, directed study and a practicum. Students earn 16 hours of credit. Participants in this program will not receive Bryan College institutional financial aid funds.

### Oxford Summer Programme (OSP)

**Mr. Stanley P. Rosenberg, Director**

**Samuel D. Youngs, Ph.D., Campus Contact**

The Oxford Summer Programme (OSP) is a program of the Council for Christian Colleges and Universities and Wycliffe Hall, Oxford. Wycliffe Hall was established in Oxford in 1877 with a vision for training godly Christian leaders for the church and is today considered one of the premier theological institutions in the world. The program is designed to enable students to gain a more comprehensive understanding of the relationship between Christianity and Culture and to do specialized work under Oxford academics. The program is appropriate for rising college sophomores, juniors, and seniors. Participants in this program will not receive Bryan College institutional financial aid funds.

## Additional Cooperative Studies Opportunities

### Oxford Study Abroad Programme (OSAP)

**Samuel D. Youngs, Ph.D., Campus Contact**

Bryan has a contractual agreement with Oxford Study Abroad Programme (OSAP) that allows students to apply for a semester of study at Oxford. Courses taken directly through the OSAP program will apply toward the students' degree at Bryan. Federal and state financial aid is available for OSAP, but participants in the program will not receive Bryan institutional financial aid funds.

## BRYAN CENTERS

### CREATION RESEARCH CENTER (CRC)

**Neal A Doran, M.A., M.S., Ph.D., Director**

William Jennings Bryan's final historic encounter centered on Creation. The College's existence is partly attributable to Bryan's efforts to defend Christianity in the realm of creation. The goal of the Creation Research Center is to provide a Biblical perspective of creation during a time of increasing encroachment of positivist and naturalistic philosophies within Western Christian thought. As a result the goal of the Center is to provide the Bryan community and supporters the benefits of an interdisciplinary creation model through original research in the areas of natural science, theology, philosophy and history. The Center seeks to promote primary research, train future researchers, and provide the college with a Biblical creation perspective. Students are provided an opportunity to research and work with scientists involved in creation research in addition to participating in field trips, conferences, and interacting with scholars in a range of disciplines.

### CENTER FOR FAITH, FREEDOM AND THE CONSTITUTION

**Kevin L. Clauson, M.A., J.D., Co-Director**

**John Sterling, M.A., J.D., Co-Director**

**Tina Benkiser, J.D., Co-Director**

The Center for Faith, Freedom, and the Constitution seeks to provide the Bryan community and the general public with the intellectual tools to defend ideas and practices of limited government, traditional liberty (personal, religious and economic) under law as understood by the Western Legal Tradition and under ethics as understood by Christian principles and/or Christian-based Natural Law, and strict Constitutionalism (as understood to mean written Constitutions interpreted according to the principle of "original meaning", which restrict government activity). The Center bases these concepts on the foundation of Christianity and a Christian Worldview, without which, historically, much of this would not exist. The Center will use electronic (i.e., website, blog, etc.) and traditional (i.e., speakers, forums, conferences, etc.) means to communicate the message of these important principles and their application to real time issues, controversies, and public policy.

### CENTER FOR LEADERSHIP & JUSTICE (CLJ)

**Michael Palmer, M.A., Director**

The Center for Leadership & Justice seeks to provide Bryan students with a biblical understanding of government and law by the study of various political and legal theorists and how their theories manifest themselves in current political and legal issues. Through the Center, Bryan students are also provided with an opportunity to interact with Christians working within the political arena in order for them to obtain a first-hand understanding of how they apply the Christian faith to their work with civil government. The Center also annually hosts the Foundations Forum, a conference for Christians serving in state legislatures, focusing on the applications of the Biblical Worldview to law and economics.

## CENTER FOR INTERNATIONAL DEVELOPMENT (CID)

**Dennis D. Miller, M.S., Director**

Center for International Development (CID) is an international Christian outreach program designed to provide expertise and assistance in response to learning and educational needs in nations experiencing economic, political, social, cultural, or spiritual transition. CID is committed to bringing the good news of Jesus Christ to those long dominated by atheistic thinking, many of whom have no concept of God. As a result of spiritual bankruptcy, these nations have struggled with creating the ethical and moral base necessary for a complete transition to democratic and free market societies. This ethical and spiritual vacuum provides Christians with a unique opportunity to introduce a Christian worldview into a part of the world desperately needing the guidance that can be provided only by the Gospel of Jesus Christ. CID is dedicated to finding individuals who can effectively reach this and other regions of the globe with this message.

## BRYAN CENTER FOR UNDERGRADUATE RESEARCH (BCUR)

**K. Daniel Gleason, Ph.D., Director**

The Bryan Center for Undergraduate Research (BCUR) promotes the academic research endeavors of the college's undergraduate students and supports the college's motto and mission. There is a thoughtful, productive, and necessary tension between the tassel and the cross. The mission is to provide opportunities for students to engage in a number of research projects both on and off campus. The BCUR annual undergraduate research conference is the primary means through which we encourage and promote student research. One of the many advantages of attending Bryan is the opportunity to participate in research. Undergraduates acquire first-hand research experience in their academic disciplines while developing important skills such as critical thinking, information gathering and processing, and effective communication. The BCUR encourages holistic education of the entire person: heart, soul, and mind, so he or she can truly and competently make a difference in today's world.

## THE HEFLIN COFER CENTER FOR ASL

**Gail Francis, Director**

The Heflin Cofer Center for ASL provides instruction for hearing people who would like to learn ASL as a second language. Our goal is to combine the teaching of ASL with an understanding of the culture it comes from. The center has a variety of materials available for students to use to assist with ASL skills development and language acquisition.

## BRYAN COLLEGE COMMUNITY MUSIC SCHOOL

**Olivia Ellis, D.M.A., College Liaison**

The Bryan College Community Music School is a program of the music department which offers private music instruction to the Dayton community. The faculty includes members of the College music faculty, students with appropriate training, and teachers from the area who are approved by the department. Lessons are available in piano, voice, and other instruments. The program also includes recitals and other group activities. The Bryan College Community Music School exists to enhance college - community relations, uplift the cultural level of the community, and provide a laboratory situation for college piano pedagogy students who are involved in observation or practice teaching.

# THE HONORS INSTITUTE

## **Scott W. Jones, Ph.D., Dean**

The Bryan College Honors Institute provides academically qualified students with alternative methods of instruction and extra-curricular education and cultural opportunities for the purpose of challenging the students' intellect and expanding their horizons. The Honors Institute provides the opportunity to enhance and customize the students' educational experience through a series of specialized programs. Students have the opportunity for honors classes, advanced research classes, extra-curricular field trips, and a thesis or internship. Honors classes are generally smaller than regular classes and allow for more interaction with the professor. Honors classes also tend to focus more on reading, research and writing, and somewhat less on quizzes and exams. Students will be allowed to modify a regular class for honors credit. One honors course per semester is the recommended limit. At least 18 semester hours of honors courses are required. Twelve hours of upper level honors credit is the norm.

Admission to the Honors Program as a freshman requires an ACT of at least 27, an SAT (EBRW/math) of 1280 or a CLT score of 87, and a high school GPA of at least 3.5. Students who do not meet the requirements as incoming freshmen may be considered at the end of their freshman year if they earn a 3.75 GPA.

Continuation in the Honors Program requires a cumulative GPA of 3.5. If a student's cumulative GPA falls below 3.5 at the completion of any semester, the student must meet one of the following two criteria to continue in the Honors Institute: the student has one semester to bring up cumulative GPA to 3.5; or the student must have a semester GPA of 3.5 or above for each semester from that point forward.

## SUMMIT SEMESTER – PAGOSA SPRINGS, COLORADO

### **Douglas F. Mann, Ph.D., Campus Contact**

### **Tripp Almon, Summit Semester Director**

The Pagosa Springs Summit facility is located in the Colorado Rocky Mountains where as many as thirty students build friendships and a foundation from which to learn and to serve. This community nurtures character development and hones intellectual skills while helping students develop strong relationships. Summit Semester animates students toward academic excellence and a coherent Christian worldview. The mentors motivate students to pursue influential leadership. Participants leave Summit Semester with habits that will greatly enhance their future studies, and indeed their entire lives.

Summit Semester is a program designed for recent high school graduates. Students who enroll in the Summit Semester are considered visiting students at Bryan College.

# **COURSE DESCRIPTIONS**

**Traditional Undergraduate Programs**

## ACCOUNTING

### ACCT 231 PRINCIPLES OF ACCOUNTING I

First semester 3 hours

An introduction to the concepts and principles involved in the preparation of financial reports for proprietorships and partnerships, including accrual accounting, customer receivables, inventories, plant assets, debt, and equity. This course is designed to provide the student with a working knowledge of basic financial accounting concepts and an understanding of the economic events represented by the accounting process and financial statements. Prerequisite: BUS 121 or MATH 115.

### ACCT 232 PRINCIPLES OF ACCOUNTING II

Second semester 3 hours

A continuation of ACCT 231 to include accounting for corporations. Coverage includes stockholder's equity, long-term liabilities, time value of money concepts, statement of cash flows, and financial analysis. It will also include an introduction to cost/managerial accounting, which is the study of internal reporting of accounting data for the purpose of planning and controlling operations, policy making and long-range planning. Areas of study include cost behavior analysis, product costing, cost-volume-profit relationships, relevant costs, budgeting, standard costs, and capital expenditures. Prerequisite: ACCT 231.

### ACCT 290 SELECTED TOPICS IN ACCOUNTING

Either semester 1-3 hours

Topics in accounting to meet the needs and interests of students. May be repeated with different topics.

### ACCT 331 INTERMEDIATE ACCOUNTING I

First semester 3 hours

The first in a series of two intermediate financial accounting courses which provide a comprehensive study of financial accounting theory and financial accounting reporting. The course will concentrate on the foundations of financial accounting and include an in-depth study of generally accepted accounting principles and concepts. Emphasis will be on a deeper understanding of financial statements, earnings management, and the revenue/receivables/cash cycle. Prerequisite: ACCT 232.

### ACCT 332 INTERMEDIATE ACCOUNTING II

Second semester 3 hours

The second in a series of two intermediate financial accounting courses which provide a comprehensive study of financial accounting theory and reporting. The course will concentrate on the foundations of financial accounting and include an in-depth study of generally accepted accounting principles and concepts. Emphasis will be on a deeper understanding of debt and equity financing, dilutive securities and earnings per share, investments, revenue recognition, income taxes, pensions, leases, statement of cash flow, and full disclosure in financial reporting. Prerequisite: ACCT 331.

### ACCT 335 FINANCIAL STATEMENTS ANALYSIS

First semester 3 hours

Students will analyze and use information from corporate financial reports for the purpose of financial analysis and valuation. The goal of this course is to learn how to use financial statement

information to evaluate the firm's past and present performance and to predict likely future outcomes. Emphasis is placed on evaluating how well the financial statements depict the firm's economics and how to use additional information, especially from footnote disclosures, to better understand and analyze financial statement information. Prerequisite: ACCT 232.

### ACCT 336 TAX ACCOUNTING

Second semester 3 hours

A study of the principles of federal income taxation of individuals and corporations. There will be some coverage of partnerships, estates, and trusts. The emphasis will be on the conceptual foundations of the tax system. There will be some coverage of the tax forms and compliance with tax laws. Prerequisite: ACCT 232.

### ACCT 338 COST ACCOUNTING

First semester 3 hours

An in-depth study of the concepts introduced in ACCT 232. The development of cost accounting systems to assign costs to finished units of product or services. A study of how the accounting data from the cost system can be interpreted and used by management in planning, controlling, and evaluating business activities. Areas of study include job-order and process costing, standard costing and variance analysis, variable versus full-absorption costing, profit planning, non-routine decisions, and decisions about capital expenditures. Prerequisite: ACCT 232.

### ACCT 421 AUDITING

Either semester 3 hours

Provides an introduction to auditing. It introduces principles and practices used by public accountants and internal auditors in examining financial statements and supporting data. This course is a study of techniques available for gathering, summarizing, analyzing and interpreting the data presented in financial statements and procedures used in verifying the accuracy of the information. Ethical and legal aspects and considerations. Offered on demand. Prerequisite: ACCT 232.

### ACCT 490 SELECTED TOPICS IN ACCOUNTING

Either semester 1-3 hours

Topics in accounting to meet the needs and interests of students. May be repeated with different topics.

## AMERICAN SIGN LANGUAGE

### ASL 111 ELEMENTARY AMERICAN SIGN LANGUAGE I

First semester 3 hours

An introductory course in American Sign Language designed for the student with little or no signing experience. Course focus is on developing beginning sign communication for basic conversational usage.

### ASL 112 ELEMENTARY AMERICAN SIGN LANGUAGE II

Second semester 3 hours

A continuation of American Sign Language I with an ongoing emphasis on expressive and receptive sign communication development. Further attention is placed on ASL grammar and deaf culture. Prerequisite: ASL 111.

**ASL 211 INTERMEDIATE AMERICAN SIGN LANGUAGE I**

First semester 3 hours

An intermediate course in American Sign Language designed for the student with basic expressive and receptive signing skills. Course focus will continue ongoing development of sign communication skills and add emphasis on grammar, culture, and literature. Prerequisite: ASL 112.

**ASL 212 INTERMEDIATE AMERICAN SIGN LANGUAGE II**

Second semester 3 hours

A continuation of Intermediate American Sign Language I, with emphasis on enhancing sign communication skills and in-depth understanding of Deaf culture and ASL literature. Prerequisite: ASL 211.

**BIBLE****BIB 115 BIBLICAL FOUNDATIONS**

Every semester 3 hours

This course, designed for students with minimal knowledge of the Bible, will explore basic issues related to the Bible's big story (metanarrative), origin (canonicity), trustworthiness (revelation and inspiration), and proper interpretation and application (hermeneutics). Students choosing this course must take it prior to taking BIB 222 and 224 and with permission of their adviser.

**BIB 190 SELECTED TOPICS IN BIBLE**

Either semester 1-3 hours

Selected studies in theology, biblical passages, contemporary issues, interpretive problems, or other relevant topics. May be repeated with different topics. Offered on demand.

**BIB 222 OLD TESTAMENT LITERATURE & INTERPRETATION**

Every semester 3 hours

This course provides an analysis of the Old Testament as the foundation of the whole Bible. It focuses on the theological, literary, and historical dimensions of the Old Testament text and story; draws theological connections to Jesus and the New Testament; and makes application to modern Christianity, both corporate (church) and personal (spiritual growth).

**BIB 224 NEW TESTAMENT LITERATURE & INTERPRETATION**

Every semester 3 hours

This course provides an analysis of the New Testament as the culmination of the whole Bible. It focuses on the theological, literary, and historical dimensions of the New Testament text; draws theological connections to major figures of the Old Testament and its biblical theological emphases; and it makes application to modern Christianity, both corporate (church) and personal (spiritual growth).

**BIB 316 HISTORICAL BOOKS**

Either semester 3 hours

An analysis of the Old Testament historical books (Joshua through Esther): it traces the history of Israel as a nation from the

conquest through post-exilic times (the historical background of the prophetic books). This class may focus on the whole of these books and/or develop a smaller section in a more detailed way.

Prerequisite: BIB 222. Offered on demand.

**BIB 320 PROPHETIC BOOKS**

Either semester 3 hours

This course offers a study of selected portions of the prophetic writings, as well as a study of the times, message, and messianic hope of the prophets. This class may focus on the whole of these books and/or develop a smaller section in a more detailed way.

Prerequisite: BIB 222. Offered on demand.

**BIB 323 POETIC BOOKS**

Either semester 3 hours

A study of the characteristics of biblical poetry and backgrounds of the poetic books: Job, Psalms, Proverbs, Ecclesiastes, Song of Songs. It also includes analyses of the Bible text of each book and applications of their messages to life today. This class may focus on the whole of these books and/or develop a smaller section in a more detailed way. Prerequisite: BIB 222.

Offered on demand.

**BIB 324 HISTORY OF DOCTRINES**

Either semester 3 hours

History of the development of the great doctrines of the Church through the centuries, with special attention to the controversies, heresies, and confessions.

**BIB 325 THE BOOK OF MARK**

Either semester 3 hours

An exegetical and theological study of the Gospel of Mark. This course includes coverage of pertinent historical, critical, and methodological issues in the study of Mark as well as careful exegesis (textual analysis) of the book's structure and content for the purpose of both theological interpretation and application to the life of the church. Offered on demand.

**BIB 326 PENTATEUCH**

First semester 3 hours

This course provides an advanced analysis of the first five books of the Bible (Genesis through Deuteronomy) by examining the historical and theological foundations of the formation of Israel as God's covenant people, and exploring the biblical theological connections to the rest of the Bible. Prerequisite: BIB 222.

**BIB 327 GENERAL EPISTLES**

Either semester 3 hours

An exegetical and theological study of the General Epistles. This course includes coverage of pertinent historical, critical, and methodological issues in the study of the General Epistles as well as careful exegesis (textual analysis) of each book's structure and content for the purpose of both theological interpretation and application to the life of the church. This class may focus on the whole of these books and/or develop a smaller section in a more detailed way. Prerequisite: BIB 224. Offered on demand.

**BIB 328 THE BOOK OF ROMANS**

Either semester 3 hours

An exegetical and theological study of Romans. This course

includes coverage of pertinent historical, critical, and methodological issues in the study of Romans as well as careful exegesis (textual analysis) of the book's structure and content for the purpose of both theological interpretation and application to the life of the church. Offered on demand.

#### **BIB 329 ACTS**

Either semester 3 hours

An exegetical and theological study of the book of Acts. This course includes coverage of pertinent historical, critical, and methodological issues in the study of Acts as well as careful exegesis (textual analysis) of the book's structure and content for the purpose of both theological interpretation and application to the life of the church. Offered on demand

#### **BIB 334 THE GOSPELS**

Either semester 3 hours

An exegetical and theological study of the Gospels. This course includes coverage of pertinent historical, critical, and methodological issues in the study of the Gospels as well as careful exegesis (textual analysis) of each book's structure and content for the purpose of both theological interpretation and application to the life of the church. This class may focus on the whole of these books and/or develop a smaller section in a more detailed way. Offered on demand.

#### **BIB 335 CURRENT TRENDS IN THEOLOGY**

Either semester 3 hours

A careful survey and critical appraisal of some of the more influential currents of theological thought in our time. This course contributes to theological literacy, and critical and creative thinking within a contemporary worldview and Christian life concerns. Historical Theology elective.

#### **BIB 336 PAULINE EPISTLES**

First semester 3 hours

An exegetical and theological study of Pauline books. This course includes coverage of pertinent historical, critical, and methodological issues in the study of particular Pauline books as well as careful exegesis (textual analysis) of each book's structure and content for the purpose of both theological interpretation and application to the life of the church. This class may focus on the whole of these books and/or develop a smaller section in a more detailed way. Prerequisite: BIB 224. Offered on demand.

#### **BIB 337 CHRISTIAN THEOLOGY I**

First semester 3 hours

A study of the science of God and His relations to the universe. Includes the major doctrines that have constituted the history of Christian thought, specifically: God, the Trinity, the person and work of the Holy Spirit, creation, and biblical anthropology.

#### **BIB 338 CHRISTIAN THEOLOGY II**

Second semester 3 hours

A study of the science of God and His relations to the universe. Includes the major doctrines that have constituted the history of Christian thought, specifically: the person and work of Christ, biblical covenants, salvation, the church, and prophecy.

#### **BIB 434 SEXUALITY AND THE BIBLE**

Second semester 3 hours

This course offers a biblical and theological study of sexuality, and its application – professional, ministerial, and personal – to current trends and debates in the church and culture. Topics will cover the basics of a theology of sexuality, sexual problems and dysfunctions, and redemptive prospects. Prerequisites: CT 113, BIB 222 and BIB 224. Offered on demand.

#### **BIB 438 ANGELOLOGY**

Either semester 3 hours

A theological study of the doctrine of angelology as it relates to the spiritual life. Included are consideration of the nature and work of angels, Satan, and demons with comparisons and contrasts to divine nature and the implications for living the spiritual life. Comparisons and contrasts are made with classic depictions of the spirit world as well as with current cultural representations.

#### **BIB 440 THE TORAH AND BIBLICAL THEOLOGY**

Either semester 3 hours

This class covers themes in the Torah as developed in the OT and NT. It is a biblical theological approach to the main themes in Genesis-Deuteronomy as they appear in the Old Testament and the New. The class is meant to help the student develop a whole Bible approach to exegesis. It will trace the development of major themes in these various books and how God expands those themes throughout the Old Testament itself. Special emphasis will be on themes as they also appear in the New Testament with particular observation to the exegetical methods of the New Testament writers. Prerequisites BIB 222 and 224. Offered on demand.

#### **BIB 441 THE PROPHETS AND BIBLICAL THEOLOGY**

Either semester 3 hours

This class covers themes in the Prophets as developed in the OT and NT. This class is a biblical theological approach to the main themes in various prophets as they appear in the Old Testament and the New. The class is meant to help the student develop a whole Bible approach to exegesis. It will trace the development of major themes in Isaiah and how God expands those themes throughout the Old Testament itself. Special emphasis will be on themes as they also appear in the New Testament with particular observation to the exegetical methods of the New Testament writers. Prerequisites BIB 222 and 224. Offered on demand.

#### **BIB 442 THE WRITINGS AND BIBLICAL THEOLOGY**

Either semester 3 hours

This class covers themes in the Writings as developed in the OT and NT. This class is a biblical theological approach to the main themes in various books among the Hebrew Bible's Writings as they appear in the Old Testament and the New. This class is meant to help the student develop a whole Bible approach to exegesis. It will trace the development of major themes in the Psalms and how God expands those themes throughout the Old Testament itself. Special emphasis will be on themes as they also appear in the New Testament with particular observation to the exegetical methods of the New Testament writers. Prerequisites BIB 222 and 224. Offered on demand.

**BIB 443 SYNOPTIC WRITERS AND BIBLICAL****THEOLOGY**

Either semester 3 hours

A systematic study describing the biblical theology of various synoptic writers. This class will focus on the major teaching and theology of various Gospels. It will also look at these Gospels with particular examination of their use and development of major Old Testament themes. Students will also examine the author's contribution to the theology of the Bible as a whole. Prerequisites BIB 222 and 224. Offered on demand.

**BIB 444 JOHN AND BIBLICAL THEOLOGY**

Either semester 3 hours

A systematic study describing the biblical theology of John. This class will focus on the major teaching and theology of John. It will also look at the epistles and Revelation of John with particular examination of John's use and development of major Old Testament themes. Students will also examine the author's contribution to the theology of the Bible as a whole. Prerequisites BIB 222 and 224. Offered on demand.

**BIB 445 PAUL AND BIBLICAL THEOLOGY**

Either semester 3 hours

A systematic study describing the biblical theology of Paul. This class will focus on the major teaching and theology of Paul. It will also look at the epistles of Paul with particular examination of Paul's use and development of major Old Testament themes. Students will also examine the author's contribution to the theology of the Bible as a whole. Prerequisites BIB 222 and 224. Offered on demand.

**BIB 446 GENERAL EPISTLES AND BIBLICAL THEOLOGY**

Either semester 3 hours

A systematic study describing the biblical theology of the General Epistles. This class will focus on the major teaching and theology of these various books. It will also look at these epistles with particular examination of their use and development of major Old Testament themes. Students will also examine the various author's contribution to the theology of the Bible as a whole. Prerequisites BIB 222 and 224. Offered on demand.

**BIB 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**BIB 493-494 SELECTED TOPICS IN BIBLE**

Either semester 3 hours

Selected studies in theology, biblical passages, contemporary issues, interpretive problems, or other relevant topics. May be repeated with different topics. Offered on demand.

**BIOLOGY****BIO 110 GOD'S REVELATION IN BIOLOGY**

Each semester 4 hours

An introduction to the basic concepts of biology from an explicitly Christian worldview. Includes an overview of the nature of science, the diversity, unity and hierarchy of life, ecology, cell structure and metabolism, DNA and genetics, and origins (both creation and evolutionary theory). The course also addresses current

and future bioethical issues that relate to modern science. Does not count toward the Biology major elective hours. Lecture, 3 hours; lab, 3 hours. Additional lab fee applies.

**BIO 112 GENERAL BIOLOGY I**

First semester 4 hours

An introduction to the basic concepts of biology including application of the scientific method, the chemistry of macromolecules, general cell structure and function, metabolic processes, principles of genetics, and an overview of evolutionary processes as they apply to biology. Lecture 3 hours; lab 3 hours. Additional lab fee applies.

**BIO 113 GENERAL BIOLOGY II**

Second semester 4 hours

An introduction to the diversity of the living world including the classification, structure, function, ecology, and adaptations of major groups of plants as well as prokaryotes, protists, fungi, invertebrates, and vertebrates through the study of major representative organisms. Lecture 3 hours; lab 3 hours. Additional lab fee applies.

**BIO 115 ENVIRONMENTAL SCIENCE**

Either semester 3 hours

Environmental Science is an introduction to biological and social issues affecting the environment. Topics include energy resources; land conservation; ecosystem diversity and sustainability; soil, water and air quality management; climate change; and environmental policy. Of special emphasis will be a Christian perspective on responsible stewardship of the earth and its resources. Does not count toward the Biology major elective hours.

**BIO 210 INTRODUCTION TO ANATOMY & PHYSIOLOGY**

Second semester 4 hours

A systematic study of the structure and function of the human body, including foundational topics such as surface anatomy and tissues as well as the essential elements of all eleven body systems. 4 credit hours: Lecture, 3 hours; lab, 3 hours. Credit may not be earned for both BIO 210 and BIO 221/222. Additional lab fee applies.

**BIO 220 INTRODUCTION TO NUTRITION**

First semester 3 hours

A study of nutrient sources, functions, utilization, and their relationship to health and human development. Examines the need for reliable nutrition information, education, exercise, and dietetics. This course will also meet the core curriculum requirement for a non-laboratory science course.

**BIO 221 HUMAN ANATOMY AND PHYSIOLOGY I**

First semester 4 hours

This course is a systematic study of anatomy and physiology of the human body. The topics studied include body surface anatomy and planes, basic chemistry, cell structures and functions, tissues, skeletal-joint systems, muscular system, nervous system, and the special senses. Lecture, 3 hours; lab, 3 hours. Prerequisite: BIO 112 or CHEM 131. Students cannot earn credit for both BIO 221 and BIO 323. Additional lab fee applies.

**BIO 222 HUMAN ANATOMY AND PHYSIOLOGY II**

Second semester 4 hours

This course is a systematic study of anatomy and physiology of the human body. The topics studied include endocrinology, blood and cardiovascular system, lymphatic system and immunity, respiratory system, digestive system, metabolism and nutrition, urinary system and water-ionic balances, and reproduction and early development. Lecture, 3 hours; lab, 3 hours. Prerequisite: BIO 112 or CHEM 131. Students cannot earn credit for both BIO 222 and BIO 324. Additional lab fee applies.

**BIO 224 MICROBIOLOGY**

Second semester 4 hours

A survey of microorganisms with emphasis on bacteria. Includes a study of basic biology, ecology, and applied aspects of resident and pathogenic microbes. Aseptic techniques used for culturing and identifying bacteria stressed in laboratory. With special permission of the Department Chair the lecture (3 credits) may be taken without the lab or the lab (1 credit) may be taken subsequent to the lecture. Prerequisite: BIO 112. Lecture, 3 hours; lab, 3 hours plus additional time for analysis. Offered alternate years. Additional lab fee applies.

**BIO 290 SELECTED TOPICS IN BIOLOGY**

Either semester 3-4 hours

Designed to meet the current needs and interests of students in areas not normally or seldom taught. Prerequisite: Permission of the instructor. May be repeated with different topics. Offered on demand.

**BIO 310 PHILOSOPHY OF SCIENCE**

Second semester 2-3 hours

An examination of the nature of science: its methods, its scope, its strengths and limitations, and how it relates to other ways of knowing. Emphasis is on 20<sup>th</sup> century philosophies of science. Students electing to take the class for three semester hours credit will be assigned special projects. A previous college-level science class is recommended preparation for the course. Cross-listed as PHIL 310.

**BIO 314 BIOLOGICAL ORIGINS**

Second semester 3 hours

An introductory survey of current theories for the origin of life, the origin of culture and its diversity, and the origin of language and its diversity. The first half of the course presents an evolutionary perspective on these issues; the second half presents a young-age creation perspective. In each case the best argument in favor of the position is presented.

**BIO 317 HISTORY OF LIFE**

First semester 3 hours

An introductory survey of life's origin, diversification, and history. Includes a review of mechanistic theories for the origin of the first cell, intra-specific variation and change, speciation, and the origin and diversification of higher groups. Also includes a survey of the fossil record and the evidence it gives of the history of diversity and organismal form through time. Prerequisite: BIO 112 and BIO 113. Offered alternate years.

**BIO 319 CURRENT LITERATURE IN ORIGINS RESEARCH**

Every semester 1 hour

A survey of recent published research and scholarly activity in the area of origins studies. Topics vary but can include evolutionary biology, paleontology, antievolutionism, intelligent design, creationism, philosophy of science, and integration of Bible and science. May be taken four times for credit.

**BIO 321 CELL BIOLOGY**

First semester 4 hours

A study of cell structure and function with emphasis on the molecular, biochemical and regulatory mechanisms common to all cells. Topics include membrane structure, function and transport; energy metabolism; the molecular basis for the expression of genetic information; the organelles involved in the regulation of cell shape and motility; growth, reproduction and their control. This course is accompanied by a three-hour lab designed to introduce the student to a wide range of techniques used in modern cell biology including spectrophotometry, chromatography, immuno- and cytochemistry, and fluorescent microscopy. Lecture, 3 hours; lab, 3 hours. Prerequisite: BIO 112, BIO 113, and CHEM 132 with no grade lower than C-, or permission of the instructor. Additional lab fee applies. Offered alternate years.

**BIO 323 ADVANCED HUMAN ANATOMY & PHYSIOLOGY I**

First semester 4 hours

This course is an enhanced study of anatomy and physiology of the human body, covering the integumentary, skeletal, muscular, and nervous systems, including special senses. This course also provides molecular content and practice with clinical case analysis and application. Lecture, 3 hours; lab, 3 hours. Prerequisite: BIO 112 and BIO 113. Students cannot earn credit for both BIO 221 and BIO 323. Additional lab fee applies.

**BIO 324 ADVANCED HUMAN ANATOMY & PHYSIOLOGY II**

Second semester 4 hours

This course is an enhanced study of anatomy and physiology of the human body, covering the endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems. This course also provides molecular content and practice with clinical case analysis and application. Lecture, 3 hours; lab, 3 hours. Prerequisite: BIO 112 and BIO 113. Students cannot earn credit for both BIO 222 and BIO 324. Additional lab fee applies.

**BIO 325 GENETICS**

Second semester 4 hours

A study of the genetic factors in viruses, microorganisms, plants, and animals. The nature of the gene and its expression is a central theme. Lectures will meet three hours a week to discuss topics in classical and modern genetics including mendelian and microbial genetics, linkage analysis, pedigree analysis, cytogenetics, genetic engineering, and the transmission and regulation of genetic information. A weekly three-hour lab is devoted to "hands-on" experience with *Drosophila* genetics, human DNA fingerprinting, and recombinant DNA technology. Lecture, 3 hours; lab, 3 hours. With special permission of the Department Chair, the lecture (3 credits) may be taken without the lab or the lab (1 credit) may be taken subsequent to the lecture. Prerequisites: BIO 112, 113, and

CHEM 132 with no grade lower than C-, or permission of the instructor. Offered alternate years. Additional lab fee applies.

### **BIO 328 ADVANCED MICROBIOLOGY**

Second semester 4 hours

This course is an enhanced study of microbiology, with an emphasis on bacteria. Includes a study of basic biology, ecology, immunology, and applied aspects of resident and pathogenic microbes. Aseptic techniques used for culturing and identifying bacteria stressed in laboratory. This course also provides molecular content and practice with clinical case analysis and application. With special permission of the Department Chair the lecture (3 credits) may be taken without the lab or the lab (1 credit) may be taken subsequent to the lecture. Credit may not be earned for both this course and BIO 224. Prerequisite: BIO 112 and BIO 113. Lecture, 3 hours; lab, 3 hours plus additional time for analysis. Offered alternate years. Additional lab fee applies.

### **BIO 334 IMMUNOLOGY**

Either semester 3 hours

This course gives an overview of the cells and molecules that compose the immune system and the mechanisms by which they protect the body against foreign invaders. Prerequisite: BIO 321 and BIO 325 with no grade lower than C-. Offered on demand.

### **BIO 338 VIROLOGY**

Either semester 3 hours

A study of the molecular and genetic properties of viruses including viral structure, replication, disease, oncogenesis, mechanisms of viral interaction with cells, and interference with viral multiplication. Prerequisite: BIO 321 and BIO 325. Offered on demand.

### **BIO 340 ENVIRONMENTAL ECOLOGY**

First semester 4 hours

A study of populations, communities, ecosystems, and the theoretical and actual interactions of factors controlling their distributions and abundances. Special emphasis on the temperate terrestrial and aquatic situations. Labs include: estimations of populations, vegetational analysis, protozoan competition and predation, lake limnology, and toxicity experiments. Lecture, 3 hours; lab, 3 hours. Prerequisite: BIO 113. Offered alternate years. Additional lab fee applies

### **BIO 349 ENVIRONMENTAL ETHICS**

First semester 3 hours

Topics covered in this course include ethical and natural law theory, religious views of nature, biblical perspectives on stewardship, the history of environmentalism, modern stewardship issues, property rights, ecofeminism, environmental justice, animal rights, genetically modified organisms, deep ecology, perspectives of biodiversity, and pollution issues. Offered alternate years.

### **BIO 400 SUPERVISED RESEARCH**

Either semester 3 hours

A course in the principles of biological research within a Christian worldview, including design, implementation, and scientific experimentation. Students will be required to participate in a scientific research project of the professor's design. Permission of the instructor is required. May be repeated with different projects

for a total of 12 credits.

### **BIO 420 BIOCHEMISTRY**

First semester 4 hours

Emphasizes essential biochemical principles common to all cells. Topics include the structure and function of proteins, nucleic acids, lipids, and polysaccharides; thermodynamics and bioenergetics; enzyme kinetics; membrane structure and function; basic eukaryotic metabolism; and replication, transcription and translation. Lecture, 3 hours; lab, 3 hours. Prerequisites: CHEM 241-242. Cross-listed as CHEM 420. Additional lab fee applies

### **BIO 421 MOLECULAR AND CELLULAR BIOLOGY**

#### **RESEARCH**

Second semester 3 hours

This lab course involves a semester long research project providing students with experience in animal tissue culture techniques, fluorescent microscopy, and recombinant DNA technology. We will explore how cell culture can be used to answer molecular biology questions. Specifically, we will transfect fibroblast cells with a muscle-specific cDNA and observe the conversion in the cell lineage to cells that now express proteins specific to muscle. These experiments give the student the opportunity to examine how an undifferentiated precursor cell can, through the expression of certain proteins, change its cell lineage and commit to a different one. These experiments relate well to the current research being done on the manipulation of embryonic and adult stem cells. Prerequisite: BIO 321 and BIO 325 and instructor permission. Offered alternate years.

### **BIO 430 MEDICAL TERMINOLOGY**

Either semester 1 hour

This course will be offered to students needing a background in medical terminology in preparation for advanced studies in the medical field, such as physical therapy, nursing, dentistry, optometry, pharmacy, or medicine. The course will explore roots, prefixes, and suffixes of medical terminology and will analyze principles used for combining forms. Terminology used in the description of human anatomy and the diagnosis and treatment of diseases will be emphasized. Abbreviations and symbols are included, as are some specialty terms that are used in such areas as pharmacology, radiology and nuclear medicine. Prerequisite: BIO 210, 221, 222, 323, 324, or permission of the instructor. Offered on demand.

### **BIO 440 METHODS OF TEACHING SCIENCE**

First semester 4 hours

A study of instructional techniques, student activities, and materials needed to teach lab-based sciences in elementary and/or secondary schools. This course will include an examination of the Tennessee State Standards as well as the Next Generation Science Standards. Offered on demand. Lecture, 3 hours; lab, 3 hours. Prerequisites: EDUC 119. Additional lab fee applies.

### **BIO 470 RESEARCH PRACTICUM**

Either semester 3 hours

An advanced experience in biological research intended to prepare students for graduate-level work in the sciences in which students design and implement a high-quality project. Prerequisites: BIO 400 or permission of the instructor. Offered on demand. May be

repeated with different projects for a total of 12 credits.

### **BIO 490 SELECTED TOPICS IN BIOLOGY**

Either semester 3-4 hours

Designed to meet the current needs and interests of students in areas not normally or seldom taught. Prerequisite: BIO 112 or 113 and/or the permission of the instructor. May be repeated with different topics. Offered on demand.

### **BIO 496 ADVANCED TOPICS IN ENVIRONMENTAL SCIENCE**

Second semester 3 hours

This course is an in-depth study of environmental economics and policy, global climate change, modern agricultural techniques, environmental toxicology and risk assessment, forest management and policy, resource conservation and management, nonrenewable and renewable energy resources, and methods of waste management. Offered alternate years.

### **BIO 499 SEMINAR IN BIOLOGY**

Either semester 2 hours

An examination of current topics of interest to biologists. Outside reading, oral and written reports, and a term paper required generally. Open only to juniors and seniors majoring in biology and students granted permission by the instructor. Offered on demand.

## **BUSINESS**

### **BUS 111 INTRODUCTION TO COMPUTER SYSTEMS WITH BUSINESS APPLICATIONS**

First semester 3 hours

This course develops the fundamentals of computer usage, specifically addressing processing information and the use of computers from a Christian worldview. Focus will be on the operating system, elementary hardware, and the storage and retrieval of data. It also deals with issues associated with the use of computers in the current information age, including professionalism, software piracy, copyrighted software, ethical standards, and the impact of computers on society. The course will also assist the student in developing proficiency in the application of word processing, spreadsheet, database, and project management software.

### **BUS 121 INTRODUCTION TO BUSINESS**

Either semester 3 hours

This course examines the core functions of business, introducing learners to management, accounting, economics, finance and marketing. Through both formal academic and experiential training, learners are encouraged to determine if business is a calling on their life. In addition, this course explores the biblical basis for business, the free market, distinguishes between profit and greed, and establishes a biblical standard for ethical business decision-making.

### **BUS 161 INTRODUCTORY FREE MARKET STUDIES**

Either semester 1 hour

This course is designed for students participating in ENACTUS. The course introduces students to leadership, analytical, teamwork and communication skills through

participation on teams that plan, implement, and complete entrepreneurship and free market projects. Projects seek to educate and prepare individuals both within the Bryan community and the larger Rhea County community for success in the areas of market economics, success skills, entrepreneurship, financial literacy, environmental sustainability, and ethical decision making. Students work under the direction of the team leader and the course professor. This course may involve special case competition at national and regional levels. This course may be taken eight times. Graded pass/fail.

### **BUS 290 SELECTED TOPICS IN BUSINESS**

Either semester 3 hours

Topics in business to meet the needs and interests of students. May be repeated with different topics.

### **BUS 326 LEGAL ENVIRONMENT FOR BUSINESS**

Either semester 3 hours

A study of the American court systems. A detailed examination of the legal rules applying to business transactions, especially those concerning contracts, agency, corporations, and partnerships. Cases used as study media.

### **BUS 377 BUSINESS INTERNSHIP**

Either semester 1-3 hours

Student works in a business and interacts with various finance, management, and operating functions. The student is under contract with the College and the business organization. Combines theory with on-the-job training. Student must have junior or senior standing and have at least 12 hours of business administration courses at the 200-level or higher, and be accepted as a business administration major. Course grade is based on various written and oral reports and the evaluation of the business site supervisor. Expense for transportation to and from the internship site is the responsibility of the student. Course may be repeated for a total of three credits.

### **BUS 390 SELECTED TOPICS IN BUSINESS**

Either semester 3 hours

Topics in business to meet the needs and interests of students. May be repeated with different topics.

### **BUS 448 INTERNATIONAL BUSINESS**

Second semester 3 hours

An examination of international organizational structures and managerial processes; cultural, political, economic, and legal environments of global marketing. World market patterns and international trade theory.

### **BUS 461 EXECUTIVE FREE MARKET LEADERSHIP**

Either semester 1 hour

Students in this course act as the executive team for ENACTUS with responsibility to manage their own assigned areas, to provide strategic leadership and direction to the organization, to ensure organizational sustainability, and to oversee the team competition presentation. Students will be accountable to the ENACTUS Business Advisory Board and the course instructor. This course provides practical experience in the executive management of small businesses that is transferable to other employment opportunities. This course may be taken four times.

Prerequisite: BUS 161 or permission of instructor.

### **BUS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

### **BUS 493 INTEGRATED MARKETING COMMUNICATION CAPSTONE**

Either semester 3 hours

Synthesizes and applies all of the theory and techniques learned in the business and communications courses in a real-world context. Students will apply key components of integrated marketing communications including advertising, public relations, brand positioning and sales promotion to develop a cohesive, ethical marketing plan for an existing organization. Open only to junior or senior IMC majors. Offered on demand.

### **BUS 497 BUSINESS SEMINAR**

Second semester 2 hours

A capstone course for the business administration major designed to synthesize knowledge and applications gained through the major courses completed and to address integrative issues. Open only to Business Administration majors. Prerequisites: Senior standing and permission of instructor.

## **CHEMISTRY**

### **CHEM 115 INTRODUCTION TO MOLECULAR STRUCTURE**

Either semester 2 hours

A study of the structure of molecules including the following topics: atomic theory, localized electron model, covalent bonding, valence-shell electron pair repulsion, conformational analysis, organic functional groups, and nomenclature. Does not apply to Chemistry minor. Students may not earn credit for both CHEM 115 and CHEM 131.

### **CHEM 131 GENERAL CHEMISTRY I**

First semester 4 hours

A study of the fundamental concepts of chemistry including the following topics: atomic theory, states of matter, stoichiometry, thermodynamics, and nuclear chemistry. Emphasis is given to lab safety. High school chemistry is recommended and a working knowledge of algebra is required. Lecture, 3 hours; lab, 3 hours. Students may not earn credit for both CHEM 115 and CHEM 131. Additional Lab fee applies.

### **CHEM 132 GENERAL CHEMISTRY II**

Second semester 4 hours

A study of the fundamental concepts of chemistry, including the following topics: chemical bonding, solutions, kinetics, equilibria, thermodynamics, and electrochemistry. In lab, emphasis is given to safety and qualitative analysis. Lecture, 3 hours; lab, 3 hours. Prerequisite: CHEM 131. Additional Lab fee applies.

### **CHEM 241 ORGANIC CHEMISTRY I**

First semester 4 hours

A study of the nomenclature, properties, stereochemistry, reactions, and reaction mechanisms of major classes of organic compounds. Particular emphasis is given to alkanes, alkenes,

aromatics, alcohols, and alkyl halides. In lab, emphasis is given to safety. Lecture, 3 hours; lab, 3 hours. Prerequisite: CHEM 131-132. Additional Lab fee applies.

### **CHEM 242 ORGANIC CHEMISTRY II**

Second semester 4 hours

A study of the nomenclature, properties, reactions, reaction mechanisms, and synthesis of major classes of organic compounds. Particular emphasis is given to organometallics, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids and derivatives. Several classes of biological molecules will also be studied. Spectroscopy of organic molecules will also be discussed. In lab, emphasis will be given to lab safety. Lecture, 3 hours; lab, 3 hours. Prerequisite: CHEM 241. Additional Lab fee applies.

### **CHEM 290 SELECTED TOPICS IN CHEMISTRY**

Either semester 2-4 hours

A study of topics of special interest to students. May be repeated with different topics.

### **CHEM 322 TOPICS IN COMPUTATIONAL CHEMISTRY**

Second semester 2 hours

An overview of the origin and development of quantum mechanics and of the use of *ab initio* molecular orbital theory to model the properties of molecules. This course will then introduce a particular topic, varied from year to year, in chemistry to which computational methods can be applied. Offered alternate years. Prerequisite: CHEM 241.

### **CHEM 331 ANALYTICAL CHEMISTRY**

First semester 4 hours

An overview of quantitative analytical chemistry: principles and methods of separation, of equilibria, and of stoichiometry. Modern analytical chemistry with an emphasis on instrumental techniques. Lecture, 3 hours; lab, 3 hours. Prerequisites: CHEM 131-132. Offered alternate years. Additional Lab fee applies.

### **CHEM 420 BIOCHEMISTRY**

First semester 4 hours

Emphasizes essential biochemical principles common to all cells. Topics include the structure and function of proteins, nucleic acids, lipids, and polysaccharides; thermodynamics and bioenergetics; enzyme kinetics; membrane structure and function; basic eukaryotic metabolism; and replication, transcription and translation. Lecture, 3 hours; lab, 3 hours. Prerequisites: CHEM 241-242. Cross-listed as BIO 420. Additional Lab fee applies.

### **CHEM 470 INTRODUCTION TO CHEMICAL RESEARCH**

Either semester 1-4 hours

A study of special topics, accompanying related research. Topics and research problems chosen by the instructor, or by the student with the approval of the instructor. Course may be repeated up to four credits total.

### **CHEM 490 SELECTED TOPICS IN CHEMISTRY**

Either semester 2-4 hours

A study of topics of special interest to students. May be repeated with different topics.

## CHRISTIAN MINISTRY

### CM 121 INTRODUCTION TO CHRISTIAN MINISTRY

First semester 3 hours

The student is introduced to the essential elements of the discipline of Christian Ministry. Emphasis is given to vital aspects of teaching practice and ministry programming.

### CM 122 PERSONAL AND CULT EVANGELISM

Second semester 3 hours

Provides a study of the biblical basis for evangelism and a survey of the modern expressions of evangelistic practice in the church. Students will also examine the beliefs of major cults for the purpose of proposing strategies to evangelize them.

### CM 123 SPIRITUAL FORMATION FOR MINISTRY

Second semester 3 hours

Introduces the student to the principle themes of Christian spiritual formation and facilitates the developing of a personal philosophy of spiritual formation.

### CM 210 CROSS-CULTURAL MISSIONS & EVANGELISM

Either semester 3 hours

This course explores missions and evangelism from within a host culture. Special attention is given to considering culturally appropriate structures of mission strategies for church planting and communicating the gospel. Offered on demand.

### CM 222 LIFESPAN CHRISTIAN MINISTRY

First semester 3 hours

Traces the progression of Christian ministry practice through entire range of ages represented in the local church. Particular emphasis is placed upon the theological foundation and human developmental theory to the practice of Christian ministry.

### CM 232 HERMENEUTICS

First semester 3 hours

This course surveys the basic principles for the skills and techniques of proper biblical interpretation. Focus will be given to the practical application of this interpretation to the various literary genres of Old Testament and New Testament literature. Major resources available as aids to biblical interpretation as well as current issues in biblical hermeneutics will be examined. Primary attention of this course is practical in nature in that the goal of the course will be the development of sound hermeneutical skills for the purpose of sermon preparation. Offered alternate years.

### CM 234 BEYOND SUFFERING: CHRISTIAN MINISTRY TO SUFFERING & DISABLED

Second semester 3 hours

This course is designed to develop in students a level of competence which will prepare them for service to and leadership in ministry to the communities of the disabled and suffering in both the church and the larger society. Offered alternate years.

### CM 240 WORSHIP LEADERSHIP TEAM

Every semester 1 hour

This course will focus on organizing and leading worship in chapels at Bryan. Particular emphasis will be given to the hands-on

details needed to support a worship environment of excellence and personal reflection and growth from leadership experiences. May be repeated for a total of eight credits.

### CM 241 HISTORY & PHILOSOPHY OF WORSHIP ARTS

First semester 3 hours

This course will cover worship expressions from various periods of Christian history and will consider a variety of modern art forms that contribute to worship practices today. Special attention will be given to observing the progression of Christian worship and how it influences our preferences and practices in the present day. Offered on demand.

### CM 242 SONGWRITING FOR WORSHIP

Second semester 2 hours

This course will be a study of the craft of writing and arranging songs with attention given to lyrical content and poetic style, the music employed to support the lyric, and the difference between songs written for congregational worship and those written for performance. Prerequisite: MUS 121 or instructor approval. Offered on demand.

### CM 290 SELECTED TOPICS IN CHRISTIAN MINISTRY

Either semester 2-3 hours

Selected topics in Christian Ministry. May be repeated with different topics. Offered on demand.

### CM 300 YOUTH MINISTRY

First semester 3 hours

Designed to provide an introduction to the basic principles of ministry to adolescents and their families. Attention is given to the role of the youth ministry professional in planning and implementing a youth ministry program. Also emphasis is given to the development of the youth minister as a ministry professional. Offered alternate years.

### CM 320 CONTEMPORARY ISSUES OF THE CHURCH

Either semester 3 hours

This course is meant to explore a host of issues critical to the healthy function of the church in the contemporary world. Special attention will be given to theological, philosophical, sociological, and ideological shifts which are of significance. Offered on demand.

### CM 324 YOUTH ISSUES

Second semester 3 hours

A study of the world of the adolescent. Particular emphasis is placed upon student skill development in the area of youth culture research in areas such as music, media, family, fashion, substance abuse, relationships, violence, suicide, and technology. Offered alternate years.

### CM 325 YOUTH EVANGELISM AND COMMUNICATION

Second semester 3 hours

Acquaints the student with current cultural trends and their impact upon the evangelization of adolescents. Also, communication skills and techniques for appropriately addressing adolescents are presented and applied. Offered on demand.

**CM 331 WORSHIP PLANNING AND LEADERSHIP**

Either semester 3 hours

This course is designed to examine the development of worship from a biblical perspective and throughout the history of the Christian church. Different models of contemporary worship within a broad spectrum of evangelical Christianity will be examined and evaluated in light of a biblical worldview. Because the large majority of local churches are served by a single pastoral staff minister, the focus of this course will be pastoral, not musical, in nature. Primary attention of this course is practical in nature in that the goal of the course will be to develop the worship planning and leadership skills of the pastor. Offered on demand.

**CM 341 WORSHIP TECHNOLOGY**

Second semester 2 hours

This course serves an introduction to the history, equipment and techniques used to facilitate and enhance worship through technological tools. Special attention will be given to live sound, lighting and image display. Offered on demand.

**CM 342 MINISTRY, MUSIC, & CULTURE**

Second semester 3 hours

This course will examine the relationship between music and culture, including exposure to the field of ethnomusicology. A variety of musical genres will be explored with an understanding of the role music plays in cultures, both globally and in American subcultures. Special attention will be given to developing a mindset of contextualization for ministry. Offered alternate years.

**CM 394 PERSONAL LEADERSHIP**

First semester 3 hours

Assists students in developing their personal leadership ability. Students develop mission statements, principles, goals, time-management techniques, and financial stewardship principles. Special emphasis is given in assisting students in discovering their individual operating style.

**CM 396 ORGANIZATIONAL LEADERSHIP**

First semester 3 hours

Assists students in developing their ability to lead in organizations. It defines leadership, examines the process of leading and influencing others, describes how to develop the character and capacities of a leader, and considers issues of leader development. Offered alternate years.

**CM 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines. Offered on demand.

**CM 410 CURRICULUM ANALYSIS AND DEVELOPMENT**

Second semester 3 hours

Designed to prepare students to critically evaluate Christian educational curriculum in light of sound Christian doctrine, educational theory, and educational practice. Additionally, this course is designed to train students to craft educationally sound curriculum from a biblical worldview perspective. Offered on demand.

**CM 420 MISSIONS: FOUNDATIONS & APPLICATIONS**

Second semester 3 hours

This course explores the biblical and theological foundations for missions as well as an historical purview of the development of missions from the early church to the contemporary church. A major component of this course includes a class-wide cross-cultural field experience. Participation in the course is by application. Additional course fee applies.

**CM 421 MISSIONS: APPLICATIONS**

Either Semester 2 hours

This course provides the necessary acculturation training and experiential context to build on previous missions coursework, specifically CM 420. The core component of this course is a cross-cultural missions internship. Participation in the course is by application. Additional course fee applies. Prerequisite: CM 420. May be taken twice for credit.

**CM 423 THEOLOGY OF WORSHIP**

First semester 3 hours

This course provides a survey of biblical teachings and principles related to worship including an exploration of OT and NT paradigms, metaphors and commands related to worship. Attention will be given to implications of biblical theology of worship on worship practice. Current issues in worship practice will also be explored. Pre or co-requisite: BIB 222 or 224. Offered alternate years.

**CM 430 CHURCH ADMINISTRATION AND LEADERSHIP**

First semester 3 hours

Applies the principles of Christian leadership to the organization and administration of the local church. Particular attention is given to church polity, legal issues, and financial administration. Offered on demand.

**CM 432 PASTORAL MINISTRY**

Second semester 3 hours

This course is designed to enable students to develop the competency needed for the pastoral ministry of the local church. Principles related to beginning a ministry, leading a ministry, and leaving a ministry will be examined. Also, practical ministries related to the role of the pastor will be examined: sermon planning; administration of the ordinances; and conducting special services such as weddings, funerals, and ordinations. Particular attention will be given to the role of counseling and visiting in pastoral ministry, with a required chaplaincy-type ministry during the semester. Offered alternate years.

**CM 436 CREATIVE BIBLE TEACHING**

First semester 3 hours

A biblical and theological treatment of the foundations of teaching the Bible creatively. An examination of current teaching methodology will be explored. Students will put the biblical and theological principles of creative teaching in action by engaging in a teaching practicum. Offered alternate years.

**CM 438 HOMILETICS**

Either semester 3 hours

A study of the principles and practice of preaching, including the role of the preacher, the ministry of the Holy Spirit in the

communication process, the importance of contextualization, developing a “homiletical” mind, the use of illustrations, formulating life applications, and gaining a working knowledge of various sermon types and their construction. Emphasis will be placed on preaching within the context of the local church and other public arenas. Field experience will be required. Offered on demand.

**CM 440 YOUTH DEVELOPMENTAL PROCESSES**

First semester 3 hours

A study of the development of the physical, social, emotional, intellectual, religious, and moral nature of the adolescent for the purpose of informing the practice of youth ministry. Offered on demand.

**CM 442 YOUTH CAMPING, RECREATION & RETREATS**

Either semester 3 hours

This course is designed to prepare students to organize and conduct youth camps and retreats and to effectively use recreation as a ministry tool as part of the overall youth ministry program. The focus of this course is a lab experience in planning and conducting a youth retreat during the semester. Offered on demand.

**CM 444 LEADING A WORSHIP MINISTRY**

Second semester 3 hours

This course focuses on organizing and leading a church worship ministry. Course topics will include an overview of the models of worship ministry and strategies for partnering with church leaders and leading volunteers to maximize the quality and depth of worship. In addition this course will provide tools for finding and developing resources for musicians or other artists in the church. Offered on demand.

**CM 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**CM 471 FIELD EDUCATION I**

First semester 2 hours

This course will examine issues such as purity in ministry, family in ministry, the practical outworking of a philosophy of ministry, and other relevant issues in Christian Ministry. Emphasis will be given to the understanding of how day-to-day ministry works in the local church or parachurch ministry. An internship in a local church or parachurch organization that serves as the practical outworking of the course will be started, which will continue into the next semester. Open only to senior Christian Ministry majors except by permission of the Chair of the Department.

**CM 472 FIELD EDUCATION II**

Second semester 2 hours

This course will be a continuation of CM 471, with a continuation of study of topics relevant to Christian Ministry yet more time given to the internship experience and an exit examination of Christian Ministry issues addressed in the CM courses of the degree program.

**CM 473 CHRISTIAN MINISTRY INTERNSHIP**

Either semester 1-2 hours

This course is an internship in a church or parachurch ministry, which serves as a practical, supervised ministry experience

that functions as a culmination of previous learning experiences in Christian Ministry. To be taken concurrently or subsequent to CM 471-472.

**CM 493-494 SELECTED TOPICS IN CHRISTIAN MINISTRY**

Either semester 2-3 hours

Selected topics in Christian Ministry may include relevant topics in the discipline such as parenting, marriage enrichment, single adult ministry, and others. May be repeated with different topics. Offered on demand.

**CHRISTIAN THOUGHT**

**CT 101 CHRISTIAN LIFE FORMATION: FOUNDATIONS FOR THE CHRISTIAN LIFE**

First semester 1 hour

A foundational approach to the theological reality of a Christian’s identity in Christ. Special emphasis will be given to exploring salvation, sanctification, sin, the role of the Scriptures, and the Holy Spirit as these relate to ongoing spiritual formation.

**CT 102 CHRISTIAN LIFE FORMATION: FOUNDATIONS OF THE CHRISTIAN CHURCH**

First semester 1 hour

A scriptural and historical examination of the purpose of the church in the plan of God for the world and the Body of Christ. Attention will be given to the relevance of the church for today, the theoretical and practical mission of the local church, and the place of the Christian within the church.

**CT 103 CHRISTIAN LIFE FORMATION: CHRISTIAN LEADERSHIP IN CULTURE**

First semester 1 hour

This course is designed to explore leadership theory and practice from a biblical perspective, historical perspective, and contemporary perspective. Primary attention will be given to how a Christian worldview has a direct impact upon both personal and organizational leadership theory and practice. This course is specifically designed for BCLI students; and includes a one-hour “group meeting” in addition to the one-hour class meeting. Prerequisite: Admission to the BCLI program.

**CT 109 UNDERSTANDING THE FAITH: SURVEY OF CHRISTIAN APOLOGETICS**

3 hours

An exploration of worldview answers to contemporary questions of origins, revelation, epistemology, applied ethics, and interdisciplinary topics. (This course is offered only in conjunction with Summit Ministries, Manitou Springs, Colorado.)

**CT 110 HISTORY OF CHRISTIAN THOUGHT**

First semester 3 hours

Students will study carefully the development of Christian philosophical and theological thought from the close of the New Testament to contemporary times. Special emphasis will be placed on the development of the ecumenical creeds, the philosophy and theology of the apostolic fathers, Justin Martyr, Tertullian, Augustine, medieval scholasticism and mysticism, the great thinkers of the Renaissance, the magisterial Reformers, Jonathan Edwards, American revivalism and Evangelicalism.

**CT 113 CRITICAL SURVEY OF WORLDVIEWS**

Either semester 3 hours

This course compares and contrasts basic worldviews and their implications for life, and will also present the main components of a Christian worldview, as well as respond to challenges to that belief system.

**CT 114 INTRODUCTION TO CHRISTIAN THOUGHT & APOLOGETICS**

Either semester 3 hours

This is an introductory course in philosophy and Christian apologetics which will introduce and examine issues of faith and reason and their impact on beliefs about man and God. How do we know anything at all? What is Truth? What is the relationship between science and faith? Different ways to defend beliefs from a Christian perspective will be examined and some cultural analysis and its impact on beliefs will be included.

**CT 190 SELECTED TOPICS IN CHRISTIAN THOUGHT**

Either semester 1-3 hours

Selected topics in Christian Thought. May be repeated with different topics. Offered on demand.

**CT 201 CHRISTIAN LIFE FORMATION: SPIRITUAL DISCIPLINES**

Second semester 1 hour

A survey of the historic and/or biblical spiritual disciplines, such as prayer, meditation, and fasting, with emphasis on how the practice of the spiritual disciplines nurtures spiritual growth within a Christian.

**CT 202 CHRISTIAN LIFE FORMATION: THE CHURCH AS A GLOBAL COMMUNITY**

Second semester 1 hour

An historical and contemporary purview of the spread and presence of Christianity around the world. Special emphasis will be given to exploring the expressions of Christian community within varying theological and cultural contexts.

**CT 203 CHRISTIAN LIFE FORMATION: LEADERSHIP: JESUS & THE KINGDOM**

Second semester 1 hour

This course is designed for those in active leadership and is meant to explore the idea and implications of Christian leadership from a biblical and experiential perspective. Special attention will be given to nurturing leadership that seeks soul and kingdom flourishing. The primary leadership topic of this course varies from semester to semester. May be taken twice for credit. This course is specifically designed for BCLI students; and includes a one-hour "group meeting" in addition to the one-hour class meeting. Prerequisite: CT 103 and admission to BCLI program.

**CT 204 CHRISTIAN LIFE FORMATION: SPIRITUALITY IN FILM**

Either semester 1 hour

Utilizing the medium of film, this course is designed to consider the overt and subtle ways that film shapes the soul and communicates a myriad of messages about the reality of spirituality.

**CT 205 CHRISTIAN LIFE FORMATION: GOSPEL IN CULTURAL LIFE**

Either semester 1 hour

Students will explore the relevance of the Gospel to culture through a consideration of cultural realities in Italy. Students will investigate the spiritual, cultural and social opportunities, challenges and needs present in modern day Italy. They will reflect on the dual nature of Italy arising from the tension between what some have called "the *dark heart of Italy*" as well as "*la dolce vita*" (*the sweet life*). Methods of instruction will include readings, discussion groups, lectures, field trips and interviews. Offered as part of the Italy semester.

**CT 207 CHRISTIAN LIFE FORMATION: NARRATIVE ARTS & THE STORY OF GOD**

First semester 1 hour

A hands-on exploration of the significance of the narrative arts in the life of the Christian with emphasis on the ways in which storytelling creates and maintains identity in the body of Christ. Attention will also be paid to the power that a robust storytelling tradition holds in the missional efforts of the church.

**CT 209 CHRISTIAN LIFE FORMATION: MISSIONAL ENGINEERING**

First semester 1 hour

An intensive weekend retreat with multiple workshops and activities geared to equip students for a life of mission as engineers.

**CT 210 CHRISTIAN LIFE FORMATION: BIBLICAL ENVIRONMENTALISM**

Second semester 1 hour

Selected studies in spirituality, practical theology, biblical perspectives, contemporary issues, or other relevant topics. Biblical environmentalism provides a biblical perspective on humans' relationship to the environment presented from scientific and theological perspectives. Offered on demand.

**CT 214 WORLDVIEW FELLOWS**

Either semester 1 hour

Students who are part of the Worldview Fellows can be awarded one hour of academic credit for each semester of participation. These are elective credits only and do not satisfy any major or minor requirements (can be used for one CLF elective). May be taken four times. Prerequisites: CT 113, CT 103 and CT 203.

**CT 220 SURVEY OF WORLD RELIGIONS**

Second semester 3 hours

A survey study of the main tenets of the world's great religions, including among others Christianity, Judaism, Hinduism, Buddhism, Islam, and Confucianism. We will survey the history of these systems, teachings common among them, and the influence of these religions on thought and action. We will also discuss religion in general, its definitions and various applications of those definitions.

**CT 290 SELECTED TOPICS IN CHRISTIAN LIFE****FORMATION**

Either semester 1 hour

Selected studies in spirituality, practical theology, biblical perspectives, contemporary issues, or other relevant topics. May be repeated with different topics. Offered on demand.

**CT 301 CHRISTIAN LIFE FORMATION: READINGS IN CLASSIC CHRISTIAN SPIRITUALITY**

Second semester 1 hour

An examination of various authors and literary works that have proven historically significant in shaping the spiritual theology and practice of the church and the Christian. The format for this course will be small group reading circles.

**CT 302 CHRISTIAN LIFE FORMATION: READINGS IN CONTEMPORARY CHRISTIAN SPIRITUALITY**

Second semester 1 hour

An examination of various authors and literary works that have proven historically significant in shaping the spiritual theology and practice of the church and the Christian. The format for this course will be small group reading circles.

**CT 303 CHRISTIAN LIFE FORMATION: FOUNDATIONS FOR LEADING DISCIPLESHIP GROUPS**

Second semester 1 hour

This course considers the place for and means by which spiritual nurture is fostered in smaller, intentional groups. This course is by application and includes active leadership of a discipleship group.

**CT 304 CHRISTIAN LIFE FORMATION: LIFE IN INTENTIONAL CHRISTIAN COMMUNITY**

Either semester 1 hour

This course is designed to explore the unique expressions and ideologies of intentional Christian communities such as L'Abri, Taizé, Brothers and Sisters of Charity, Bruderhof, etc. Special attention will be given to lived values that equip believers to live more faithfully and holistically. This course is by application and involves a field experience at an intentional Christian community.

**CT 305 CHRISTIAN LIFE FORMATION: INCARNATIONAL LIVING IN LOCAL COMMUNITY**

Either semester 1 hour

This course develops a theology for understanding how the good news is uniquely incarnated in a local community through the winsome activity of the Church. Special attention is given to how the life of Christ provides a model for how we should relate to our locality. Additionally, emphasis will include developing a transferable method for discovering and participating in the local reality of the Gospel.

**CT 306 CHRISTIAN LIFE FORMATION: SOCIAL JUSTICE AND THE GOSPEL**

Second semester 1 hour

This course is designed to explore the biblical call upon our lives to uphold justice in society, particularly among the oppressed, enslaved, and victimized. Special attention will be given to the role of God's people in setting forth God's kingdom in the world, and the importance of prayer in the fight against injustice. This course

involves a field experience. Additional fee required.

**CT 308 CHRISTIAN LIFE FORMATION: ETHNICITY, DIVERSITY & THE CROSS**

Either semester 1 hour

This course will explore the complex issues facing Christians when addressing diversity, including the experiences of diverse groups of people in the United States. Exploration of what it means to be a member of a dominant or sub-dominant ethnic group in a multi-ethnic society. Examination of what it means to obey God's command to love others and to understand what the life, death, and resurrection of Jesus has to do with diversity.

**CT 309 CHRISTIAN LIFE FORMATION: THE STORY OF GOD IN THE CHRISTIAN CALENDAR**

Either semester 1 hour

An introduction to worship shaped by the seasons and festivals of the Christian calendar with attention to the power of the sacred cycles to form community in a distinctive pattern of Christian life.

**CT 311 CHRISTIAN LIFE FORMATION: PERSONAL WEALTH MANAGEMENT**

First semester 1 hour

A study of a personal wealth management from a Christian worldview. Topics covered include personal budgeting, financial planning, tithing, taxes, insurance, investments, giving, managing credit, and retirement planning. Credit cannot be earned for both CT 311 and ECFN 110. Additional course fee required.

**CT 321 CULTURAL EXPRESSIONS & CHRISTIANITY**

First semester 3 hours

Cultural and religious issues inform and shape the perception and presence of Christianity in the late-modern world. As we increasingly encounter different philosophies, faiths, and cultural realities, responsible thinking and being requires the cultivation of cross-cultural knowledge. This course will thus seek to give students not only a general knowledge of differing cultural and religious expressions, but also equip them for navigating competing claims to cultural truth in sensitive, academically-sound, and Christ-centered ways.

**CT 340 CONTEMPORARY APOLOGETICS**

Either semester 3 hours

This class will explore culturally relevant ways to understand and express hope from a Christian worldview by critiquing various apologetic methods, introducing tools of cultural analysis, and looking at significant social issues that can serve as key communication points for the Gospel.

**CT 345 HISTORY & TRADITIONS OF CHRISTIANITY**

First semester 3 hours

This course explores the historical developments of the Christian faith with an emphasis on key movements, moments, figures, and shifts that have continuing implications for the church today. Special attention is paid to the emergence and formation of diverse Christian traditions. Cross-listed with HIS 345. Offered alternate years.

**CT 390 SELECTED TOPICS IN CHRISTIAN LIFE****FORMATION**

Either semester 1 hour

Selected studies in spirituality, practical theology, biblical perspectives, contemporary issues, or other relevant topics. May be repeated with different topics. Offered on demand.

**CT 401 CHRISTIAN LIFE FORMATION:****CONTEMPORARY ISSUES**

Either semester 1 hour

An exploration of various contemporary socio-cultural issues in which there exists a divergence in the Christian community. Special emphasis will be given to analyzing differing theological approaches to contemporary issues as an introduction to hermeneutical communities.

**CT 402 CHRISTIAN LIFE FORMATION: WORLDVIEW AND LIFE**

Second semester 1 hour

This course seeks to integrate worldview principles and life issues. What do you believe, why do you believe it, and what difference does that make to fields of study, future life and vocations? Prerequisite: CT 101. Open only to seniors (or juniors with special permission).

**CT 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**CT 490 SENIOR SEMINAR**

Second semester 3 hours

The senior capstone course for the Christian Studies major. Provides a seminar format for students in the Bible, Christian Ministry, and Philosophy & Culture options to research and produce a senior paper on the topic of their choosing. Open only to senior Christian Studies majors.

**CT 492 SELECTED TOPICS IN CHRISTIAN THOUGHT**

Either semester 1-3 hours

Selected topics in Christian Thought. May be repeated with different topics. Offered on demand.

**COLLEGE STUDIES****COL 100 BRYAN GATEWAY SEMINAR**

Each semester 1 hour

Introduces students to the unique identity of Bryan College. Through key information modules and experiential assignments, students are exposed to many facets of campus activity, student life, and academics. All students in the traditional undergraduate programs must take this course their first semester at Bryan, *regardless of transfer status*. Open to degree seeking students only.

**COMMUNICATION****COMM 111 INTRODUCTION TO COMMUNICATION**

Each semester 3 hours

A course designed to develop an understanding of the basic principles of speech communication, including public speaking, and proficiency in their use.

**COMM 121 COMMUNICATION TECHNOLOGY**

First semester 1 hour

This course will teach students how to use a current-technology tablet computer to produce and manage effective, quality communications in the spoken, written and visual media for the classroom and workplace settings.

**COMM 124 SURVEY OF MASS COMMUNICATION**

Second semester 3 hours

This course will examine the nature, scope, and function of mass communication in America. The focus is on mediated communication: print, broadcast, digital, and hybrid media, and topics will include media history, governmental regulation issues, media economics, the impact of mass media on society, and the decision-making process within the media institutions.

**COMM 141 INTRODUCTION TO DIGITAL MEDIA**

Second semester 3 hours

Introduces students to the history, theories and culture of journalism. Examines print, online and broadcast journalism and current and future trends in the profession. Students are taught the fundamentals of journalistic writing and given an opportunity to write a variety of news stories.

**COMM 160 NEWS MEDIA PRODUCTION**

Both semesters 1 hour

Experience in the practical aspects of producing a college news website featuring print and broadcast style reporting. Students work together to publish student media. Requires a minimum of 45 hours of work. May be taken eight times.

**COMM 190 SELECTED TOPICS**

Either semester 1-3 hours

Selected topics in communication studies. Offered based on student interests and instructor availability. May be repeated with different topics.

**COMM 221 INTERPERSONAL COMMUNICATION**

First semester 3 hours

An analysis of the theories and practice of interpersonal communication patterns including verbal and nonverbal communication, self-disclosure, social power, and interpersonal conflict management. Offered every year.

**COMM 223 SMALL GROUP COMMUNICATION**

Second semester 3 hours

A study of characteristics and techniques of group leadership together with experiences designed to increase personal skill in leading group discussion.

**COMM 225 SOCIAL MEDIA AS COMMUNICATION**

First semester 3 hours

An interactive course that provides an opportunity for students to understand how social media is fundamentally changing the way individuals and organizations communicate, build relationships and create online communities. More specifically, students will learn how individuals and organizations can strategically use social media tools to engage their audience in effective yet ethical ways.

**COMM 229 MEDIA & AMERICAN POLITICS**

First semester 3 hours

This course examines the relationships between the mass media and government and its citizens, the role of the mass media in a democratic society. It also examines campaign rhetoric and marketing. This course will be offered to coincide with presidential and midterm election cycles. Cross-listed with PSGS 229. Offered alternate years.

**COMM 243 MASS COMMUNICATION LAW & ETHICS**

First semester 3 hours

This course is an examination of legal and ethical aspects of publishing and broadcasting. Emphasis on freedom of the press, copyright, libel, privacy, free press/fair trial and obscenity. Current ethical issues are explored through case studies. Analysis of legal and ethical issues affecting the media, including the First Amendment, defamation, privacy, newsgathering, obscenity, copyright and broadcasting/ telecommunications.

**COMM 247 WRITING FOR MEDIA**

Second semester 3 hours

This course will include examination of the emerging forms of information delivery by computer and related convergence of print and broadcast media. Students will gain practical experience in the production of an electronic information delivery product. Students will learn to write stories, shoot photos and video and record audio using the handheld multimedia device as specified by the professor. They will also edit their stories, photos, video and audio clips directly on the handheld device and upload them to their own news blog from the handheld device.

**COMM 262 INTERCOLLEGIATE DEBATE**

Either semester 1 hour

This course is designed to give students an opportunity to gain supplementary communication skills by way of training and competition in the applied areas of debate, argumentation, and public presentations. Participation in intercollegiate tournaments required. Instructor approval required. May be repeated for a total of 4 credits. Graded pass/fail.

**COMM 322 POPULAR CULTURE & COMMUNICATION**

Either semester 3 hours

The course scrutinizes what constitutes culture, and more specifically, popular culture. While giving due consideration to the intersecting of faith and culture, a treatment of varied and specific areas will be exacted. These include: media, music, thought, literature, advertising, fashion and technology.

**COMM 323 POLITICAL COMMUNICATION**

First semester 3 hours

Introduces students to a broad range of political speeches in

American history, examines the nature of political communication today, raises awareness of the construction and delivery of persuasive messages, and develops strategies for effective communication in the political realm. Offered alternate years. Cross-listed as PSGS 323.

**COMM 324 PERSUASIVE COMMUNICATION**

First semester 3 hours

Investigation of how words and ideas relate in public communication situations. Includes study of famous speeches and orations, practice in speech organization and delivery, as well as study and practice of persuasive campaigns.

**COMM 325 PRINCIPLES OF PUBLIC RELATIONS**

Either semester 3 hours

An introduction to the history, theory, and practice of public relations. Includes grant proposal writing, analyses of the methods and process of persuasion, planning promotional strategies, choosing tools for communication, case studies, and a problem-solving approach to promotional writing for organizations. Offered on demand.

**COMM 326 COMMUNICATION ETHICS AND ISSUES**

Second semester 3 hours

A practical and ethical study of communication from historical, philosophical, and political perspectives. The course explores trends and values in the variety of mediated forms of communication in contexts ranging from relationships to technology.

**COMM 330 PSYCHOLOGY OF COMMUNICATION**

First semester 3 hours

This course considers social, cognitive, and biological dimensions of communication. Language serves a mediating role between one's cognitive world and the external world. Attention is given to integrating research in philosophy, cognitive psychology, anthropology, linguistics, and communications. The aim is to increase understanding of the information process, the brain, the mind-body connection and personality types.

**COMM 331 INTERCULTURAL COMMUNICATION**

Either semester 3 hours

A survey of the opportunities and obstacles in communication. Examines cultural values and encourages students to develop intercultural understanding, attitudes, and performance skills. Offered on demand.

**COMM 341 COPYEDITING AND PUBLICATION DESIGN**

First semester 3 hours

Introduces the fundamentals of editing news copy for publication, including grammar, spelling, style, fact checking, and headline writing. Also teaches the design and construction of functional and attractive pages for publication.

**COMM 344 FEATURE & OPINION WRITING**

Second semester 3 hours

Students will consider various forms of feature and opinion writing, including profiles, news features, editorials, blogs, personal and humorous columns. Students will learn to write compelling feature stories, persuasive editorials and columns and will maintain

a personal blog of feature and opinion writing throughout the semester. This class will foster a workshop environment in which students can build appreciation and skill sets for these particular journalistic forms. Offered alternate years.

#### **COMM 345 NONVERBAL COMMUNICATION**

Either semester 3 hours

This course will introduce the student to the basic perspectives of nonverbal communication, including the following: history of the study of nonverbal communication, effectiveness inaccurately encoding and decoding nonverbal signs, and the effects of nonverbal communication in a variety of contexts. Offered on demand.

#### **COMM 347 PHOTOJOURNALISM**

First semester 3 hours

Covers the basics of digital photography and digital photo editing but quickly progresses to application of the theory and techniques to photographic storytelling. Students will develop a personal portfolio of narrative photo essays. Offered alternate years.

#### **COMM 348 SPORTS REPORTING**

First semester 3 hours

Students in this course will learn first-hand how to interview athletes and coaches at the high school, college and professional levels; how to cover, summarize and analyze a wide range of sporting events and how to find a unique angle for each story while coping with deadline pressure and developing sources.

#### **COMM 390-392 SELECTED TOPICS**

Either semester 1-3 hours

Selected topics in advanced areas of the communication studies. Offered based on student interests and instructor availability. May be repeated with different topics.

#### **COMM 393 FAMILY COMMUNICATION**

Either semester 3 hours

Assists students in understanding the role of communication in developing and maintaining families. It examines theories and methodologies of marital, parent-child and inter-generational communication, emphasizing students' skill in managing their own communication in the context of the family. Offered alternate years.

#### **COMM 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines.

#### **COMM 424 RHETORICAL THOUGHT AND THEORY**

Second semester 3 hours

Introduces students to the study of rhetoric: its history, methods of criticism, and current trends. Special emphasis is placed on the process of criticism, raising awareness of the construction and delivery of persuasive messages.

#### **COMM 434 ORGANIZATIONAL COMMUNICATION**

Either semester 3 hours

An examination of the flow of messages through networks of interdependent relationships in a changing organizational environment. Maintains a balance between the study of formal and informal networks of communication. Offered on demand.

#### **COMM 435 PUBLIC SPEAKING SEMINAR**

Either semester 3 hours

An advanced level course aimed at building student proficiency in organizing, researching, and delivering public speeches. Specific attention is given to the verbal and nonverbal domains, along with audience analysis. Offered alternate years.

#### **COMM 470 INDEPENDENT STUDY**

Either semester 1-3 hours

#### **COMM 475 COMMUNICATION INTERNSHIP**

Each semester or summer 1-3 hours

On-the-job practical experience with communication skills used under professional supervision. Coordinated by faculty adviser and normally done off-campus. May be arranged either during the summer or the academic year, with or without pay, depending on the cooperating organization. Prerequisites: Departmental approval and junior or senior standing. May be taken twice for up to a total of six credits.

#### **COMM 476 COMMUNICATION STUDIES TEACHING ASSISTANTSHIP**

Either semester 1-3 hours

This course is designed to give Communication Studies majors an opportunity to gain supplementary teaching, mentoring and technical skills in an applied setting by working with Communication Studies faculty inside and outside of the classroom. Instructor approval required. May be taken twice for up to a total of six credits.

#### **COMM 491 SENIOR SEMINAR**

First semester 1 hour

A capstone course for the communication major designed to synthesize knowledge and applications gained through major courses completed. Includes preparatory information for graduate school and career options. Open only to those accepted as a communications major.

### **COMPUTER SCIENCE**

#### **CSCI 116 PROGRAMMING I**

First semester 3 hours

Introduction to programming with an emphasis on algorithm development, structured programming, and basic programming techniques.

#### **CSCI 241 INTRODUCTION TO DATABASE DEVELOPMENT**

First semester 3 hours

Introduction to the basic concepts of database management systems with focus on relational and object-oriented systems. Introduction to system query language (SQL). Database design

including semantic models and normalization. Design issues including query languages, internal storage, recovery, concurrency, security, integrity, and query optimization. Offered alternate years. Prerequisite: CSCI 116.

### **CSCI 251 OPERATING SYSTEMS**

First semester 3 hours

Survey of operating systems theory. Concepts of operation of an operating system including multi-tasking and multi-processor systems. Other topics of discussion include gridlock and fault-tolerant systems. Students will do projects and labs associated with operating systems. Concepts of major operating systems such as Microsoft Windows, Microsoft Windows servers, Linux, UNIX, and mainframe systems. Topics include file and I/O management, scheduling, memory management and process management. Lab experiences will reinforce theory of these operating systems. Offered alternate years. Prerequisite: CSCI 116.

### **CSCI 261 WEB-PAGE DEVELOPMENT**

First semester 3 hours

World Wide Web information capabilities; static text and dynamic capabilities incorporated into a website; creation of an interactive website through the use of CGI scripts and Java programming; web access to information stored in databases; management of web-server security issues. Offered alternate years.

### **CSCI 324 COMPUTER ORGANIZATION**

Second semester 3 hours

Organization and structure of major hardware components, mechanics of information transfer and control, fundamentals of logic design. Offered alternate years. Prerequisite: CSCI 116.

### **CSCI 325 PROGRAMMING II**

First semester 3 hours

This course will present additional study in the programming language to be used in Data Structures. Students will do advanced programming projects to become more proficient in an object-oriented programming language. Offered alternate years. Prerequisite: CSCI 116.

### **CSCI 328 DATA STRUCTURES**

Second semester 3 hours

Organization and manipulation of data; stacks, trees, queues, arrays, linked lists; sorting and merging techniques; algorithm design and analysis; memory management techniques. Offered alternate years. Prerequisite: CSCI 325.

### **CSCI 390 SELECTED TOPICS IN COMPUTER SCIENCE**

Second semester 3 hours

Courses of special interest on such topics as systems software and advanced programming. May be repeated with different topics. Offered on demand. Prerequisite: CSCI 116.

### **CSCI 422 NETWORKING**

Second semester 3 hours

Data communications and networking protocols, with study organized to follow the seven-layer ISO reference model. Emphasis on the TCP/IP family of protocols. The role of various media and software components, local and wide-area network protocols, and emerging advanced commercial technologies. Students use a

network simulator in labs to gain practical experience. Offered alternate years. Prerequisite: CSCI 116.

### **CSCI 470 INDEPENDENT STUDY**

Second semester 1-3 hours

### **CSCI 472 COMPUTER SCIENCE PRACTICUM**

Either semester or summer 3 hours

Use of computer systems in on-the-job situations. Must comply with Department practicum guidelines. Offered on demand. Must have direct application to the student's course of study and will not substitute for courses in area of concentration. Prerequisite: Permission of department chair.

## **CRIMINAL JUSTICE**

### **CJUS 221 INTRODUCTION TO CRIMINAL JUSTICE**

Either semester 3 hours

An introduction to and overview of the discipline and practice of Criminal Justice, including administrative/management, legal, ethical, and practical aspects.

### **CJUS 226 POLICE PATROL PROCEDURES**

Second semester 3 hours

This course explores various techniques and processes commonly used in the police patrol function. Topics would cover various types of patrol procedures, including: methods of observation and investigation, conducting unknown risk encounters with citizens, safe operation of a police patrol vehicle, unarmed self-defense, handcuffing techniques, introduction to police firearms training. Offered alternate years.

### **CJUS 249 THE PUBLIC ADMINISTRATION OF CRIMINAL JUSTICE**

Either semester 3 hours

This course offers an introductory look at the field of Criminal Justice as a subject of Public Administration, the canopy over Politics & Government. Criminal Justice is the system used to enforce the laws established by society; accordingly, the United States system of Criminal Justice is the focus of this course. Offered alternate years.

### **CJUS 252 INTRODUCTION TO FORENSIC SCIENCE**

Either semester 3 hours

An introduction and overview of forensic science, or the use of scientific data to provide valuable information in criminal cases (such as time of death, cause of death/injury, etc.) Offered alternate years.

### **CJUS 323 CORRECTIONS**

Either semester 3 hours

This course is designed to familiarize the student with the criminal correctional (or penal) system in the U.S. It will cover the history, administration, and law of corrections, in the U.S., and occasionally, by comparison, other nation-states.

### **CJUS 326 JUVENILE JUSTICE**

Either semester 3 hours

An in-depth study of the juvenile justice system in the U.S., including theories of differential treatment of juveniles and adults,

the general administration of the system, the law related to juveniles, and various experiments within the general system.

### **CJUS 331 CRIMINAL LAW AND PROCEDURE**

Either semester 3 hours

An overview of those areas of law which apply most directly to Criminal Justice, including Criminal Law, Criminal Procedure, the Law of Evidence, Juvenile Justice Law, and the Law of Corrections. Offered alternate years.

### **CJUS 390 SELECTED TOPICS IN CRIMINAL JUSTICE**

Either semester 3 hours

Selected Topics in Criminal Justice to meet the needs and interests of students. May be repeated with different topics.

### **CJUS 422 CRIMINAL INVESTIGATIONS**

Either semester 3 hours

This course will cover essential techniques and procedures for conducting criminal investigations, including processing a crime scene, collecting evidence, and interviewing potential witnesses, suspects, etc. It will also include an overview of the constitutional/due process requirements for conducting criminal investigations and the management of complex investigations.

### **CJUS 424 HOMELAND SECURITY, INTELLIGENCE & COUNTERTERRORISM**

Either semester 3 hours

An overview of the field of intelligence gathering, analysis, and use for the purpose of preventing or investigating terrorist activities and other forms of political violence in order to protect the security of the U.S. This includes the structure and operations of the Homeland Security apparatus, analysis of the functions of this apparatus in a Constitutional/Due Process legal system, and the tools for engaging in intelligence analysis. Cross-listed with PSGS 424.

### **CJUS 425 ADVANCED INVESTIGATIONS & INTELLIGENCE OPERATIONS**

First semester 3 hours

This course explores advanced techniques and processes in criminal investigations. Topics include the investigator's use of technology, confidential informants, undercover operations, interrogations, and Intelligence operations such as surveillance and counter-surveillance techniques. Students will get "hands-on" experience as well as a foundation in the legal implications connected with these special operations and techniques.

### **CJUS 475 CRIMINAL JUSTICE INTERNSHIP**

Either semester 1-3 hours

An experience-based course in which junior or senior *Criminal Justice majors* further develop the knowledge and skills gained in their course of study through on-the-job training under the professional supervision and the guidance of a professor within their major. This course is coordinated by the Criminal Justice Director and may be completed off campus. Permission of the Criminal Justice Coordinator is required. May be repeated for a total of 3 hours.

## **ECONOMICS/FINANCE**

### **ECFN 110 INTRODUCTION TO PERSONAL FINANCE**

Either semester 3 hours

A study of a personal wealth management from a Christian worldview. Topics covered include personal budgeting, financial planning, tithing, taxes, insurance, investments, giving, managing credit, and retirement planning. Credit cannot be earned for both ECFN 110 and CT 311. Additional course fee required.

### **ECFN 211 INTRODUCTION TO POLITICAL ECONOMY**

Either semester 3 hours

This course is designed for those who have had no prior formal training in economics and who will not take a later course in economics. Its purpose is to offer a general introduction to both economics and the place of economics in the political arena. Special emphasis is placed on the development of various theories of how people interact with one another in dealing with the problem of resource scarcity. Offered on demand.

### **ECFN 221 PRINCIPLES OF ECONOMICS I (MICRO)**

First semester 3 hours

This course is an introductory course in microeconomic theory. It is a study of the theoretical economic framework that explains the operations of and the interrelationships between individual markets. The course emphasizes the market mechanism including supply and demand, consumer choice, costs and output determination, the role of competition, and the factor markets.

### **ECFN 222 PRINCIPLES OF ECONOMICS II (MACRO)**

Second semester 3 hours

An introductory course in macroeconomic theory. A study of national income accounting, the determination of national output and employment levels, the banking system, fiscal and monetary policy, and stabilization policy. Inflation, unemployment, lagging productivity, economic growth, and the public debt are considered. Emphasis placed on economic aggregates.

### **ECFN 290 SELECTED TOPICS IN ECONOMICS/FINANCE**

Either semester 3 hours

Selected topics in economics or finance to meet the needs and interests of students. May be repeated with different topics.

### **ECFN 323 INVESTING**

Either semester 3 hours

Introductory course focusing on the process and instruments of investment. Emphasis on investment alternatives, techniques of security valuation and analysis, security market structure, and portfolio construction, management, and control. Prerequisite: ECFN 325. Offered on demand.

### **ECFN 325 PRINCIPLES OF FINANCE I**

First semester 3 hours

This is the first of a two-semester survey/problem-solving course that presents the basic concepts and tools of contemporary managerial finance, as it relates to business; including the role of managerial finance, the financial market environment, financial statements and ratio analysis, cash flow and financial planning, the time value of money, interest rates, bond and stock valuation, and risk and return. Emphasis is placed on practical financial problem

solving using financial formulas, a calculator, and Excel.  
Prerequisite: ACCT 231.

### **ECFN 326 PRINCIPLES OF FINANCE II**

Second semester 3 hours

The second of two introductory courses presenting the analytical tools of contemporary managerial finance. This second semester considers capital budgeting cash flows and techniques, the cost of capital, leverage and capital structure, dividend policy, working capital and current assets management, and current liabilities management. Prerequisite: ECFN 325.

### **ECFN 337 MONEY AND BANKING**

Either semester 3 hours

This course considers the history of money and banking and the principles of commercial and central banking, with special emphasis on the pros and cons of centralized banking and fiat money. The course focuses on those monetary policy issues that enable students to understand relevant national economic policy debates. Emphasis is placed on the function of banks and the Fed, multiple deposit creation, the tools and conduct of monetary policy, and the impact of the money supply on inflation. Offered on demand. Prerequisite: ECFN 222.

### **ECFN 342 INTERMEDIATE FINANCE**

Second semester 3 hours

A course providing more depth in the field of corporate finance. The study focuses on risk and return, the cost of capital, capital budgeting, capital structure, long- and short-term financial planning, and financial management for not-for-profit businesses. Prerequisite: ECFN 325 and MATH 211.

### **ECFN 346 HISTORY OF ECONOMIC THOUGHT**

Either semester 3 hours

This course explores the history of economic ideas. It covers the main schools of economic thought: Mercantilist, Physiocratic, Classical, Marxist, Marginalist, Neoclassical, Keynesian, the German Historical School, Institutional, Austrian, the New Classical, Welfare, and Game Theory. Emphasis will be placed on the schools that have a free market focus as well as the ideas of America's founding fathers. Offered on demand.

### **ECFN 348 CAPITALISM**

Either semester 3 hours

This course provides the student with an understanding of the rationale behind capitalism. As such, it is the study of the domestic and global creation and distribution of goods and services as guided by the price system. In addition, the impact of the microeconomic environment and technological changes on the behavior of business firms as well as consumer behavior in competitive and monopolistic markets will be examined. A study of changing and competitive industries in which the firm operates will also be of concern. Additional topics include domestic and global antitrust policy, pollution and competitive advantage firms. Offered on demand.

### **ECFN 439 MANAGERIAL ECONOMICS**

First semester 3 hours

This course is an examination of the economic environment within which the manager of the business firm operates. It describes a systematic, logical way of analyzing business decisions that focus

on the economic forces that shape both day-to-day decisions and long-run planning decisions. It applies microeconomic theory—the study of the behavior of individual economic agents—to business problems that will enable management to achieve the firm's goal—maximization of profit. The course will emphasize price determination, the theory of optimization, demand functions and forecasting, production and cost, and other economic issues for firms today. Prerequisites: MATH 211 and ECFN 221.

### **ECFN 470 INDEPENDENT STUDY**

Either semester 1-3 hours

### **ECFN 490-491 SELECTED TOPICS IN ECONOMICS/ FINANCE**

Either semester 3 hours

Advanced topics in economics or finance to meet the needs and interests of students. May be repeated with different topics.

## **EDUCATION**

### **EDUC 119 INTRODUCTION TO TEACHING**

Either semester 2 hours

The development and practice of classroom observational techniques and the introduction of basic lesson planning and presentation. An introduction to the knowledge and skills that promote good teaching, historic and current influences on education, and various philosophies of education. Practicum is required and provides early exposure to the world of teaching.

### **EDUC 223 METHODS FOR EARLY CHILDHOOD EDUCATION**

Second semester 2 hours

A review, evaluation, and practical application of methods of instruction and current educational media in early childhood education. Requires 15 clock hours of practicum. Prerequisite: EDUC 119.

### **EDUC 224 HUMAN LEARNING**

Both semesters 3 hours

Designed to acquaint students with the various principles and theories of learning, behavior, and motivation, particularly as they relate to classroom teaching. Included in the study is an overview of the major schools of thought which have informed educational psychology including, cognitive theory, developmental theory, behaviorism, and constructivism. Student traits and exceptionalities, group behavior management, and differentiated instruction will be examined in the course. Prerequisite: EDUC 119.

### **EDUC 226 CLASSROOM MANAGEMENT**

Second semester 2 hours

This course will explore all facets of classroom management including: planning, procedures, physical environment, discipline, assessment, grades and records. It is designed to prepare the classroom teacher to organize and manage the class smoothly in order enhance the teaching learning process and prevent unnecessary disruptions. Prerequisite: EDUC 119.

**EDUC 290 SELECTED TOPICS IN EDUCATION**

Either semester 3 hours

Selected studies in education dealing with topics of special interest to teachers. May be repeated with different topics. Offered on demand.

**EDUC 311 INSTRUCTIONAL TECHNOLOGY**

Either semester 3 hours

Designed to introduce the prospective classroom teacher to the multimedia equipment and software of the model modern classroom. Students will learn about equipment assembly, operations and maintenance and various computer operation systems. Also, included will be exercises using popular productivity software packages. Educational software titles from both the primary and secondary levels will be reviewed along with the exploration and use of the Internet.

**EDUC 323 TESTS AND MEASUREMENTS**

First semester 2 hours

Basic descriptive statistics related to classroom and standardized test scores; techniques of evaluation and grading; types of standardized tests, principles of test construction, item analysis, validity, and reliability; test criticisms and analyses; and guidance functions. Prerequisite: EDUC 119.

**EDUC 324 EXCEPTIONAL CHILDREN**

Second semester 2 hours

Survey of the field of special education with major emphasis on individual differences and strategies in adapting educational programs for intellectually disabled, emotionally disturbed, learning disabled, gifted, visually impaired, auditory impaired, autistic, and neurologically and orthopedically handicapped students. Prerequisite: EDUC 119.

**EDUC 331 METHODS OF TEACHING READING**

First semester 3 hours

A study of the reading process, factors involved in the acquisition of reading skill, methods and materials for reading instruction remediation, and consideration of current issues in the field. A particular focus of the course will involve procedures for meeting individual needs of all children in the classroom, including those mainstreamed. Requires 15 clock hours of practicum for all elementary endorsements. Prerequisite: EDUC 119.

**EDUC 338 UNIVERSAL TEACHING METHODS**

Both semesters 3 hours

A study of the aims, content, methodology, and procedures for planning and delivering instruction in the elementary and secondary grades. Each student will be able to concentrate on his or her major teaching area. Prerequisite: EDUC 119.

**EDUC 340 CURRICULUM DESIGN**

Both semesters 2 hours

A study of the theory and practical application of curriculum development and related methods with technical emphases on systematic interaction, administrative and organizational systems, and the role of the teaching faculty, grades K-12. Prerequisite: EDUC 119.

**EDUC 341 METHODS OF TEACHING MATHEMATICS**

First semester 2 hours

A study of instructional techniques, student activities, and material needed to teach mathematical concepts and skills to children in grades K-12. Topics will include pre-number concepts, counting, basic arithmetic of whole numbers and rational numbers, number theory, geometry, and measurement.

**EDUC 343 METHODS OF TEACHING LANGUAGE ARTS**

Second semester 3 hours

An introduction to the basic aims, problems, and materials in teaching Language Arts in school. Offered alternate years. Prerequisite: ENG 110 or 111.

**EDUC 345 METHODS OF TEACHING SOCIAL STUDIES**

First semester 2 hours

This course is a survey of methods for teaching in all of the disciplines of the social studies. The course will also cover both the curricular and instructional characteristics of the State Standards for teaching social studies in Tennessee public schools. Prerequisite: EDUC 119.

**EDUC 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines.

**EDUC 420 PHILOSOPHY OF EDUCATION**

Both semesters 2 hours

A survey of the various ideologies used as guidelines in the development of institutionalized education over the centuries from a Christian perspective. The intellectual foundations of the various ideologies are examined in terms of both their assumptions and implications. Prerequisite: EDUC 119.

**EDUC 430 CHILDREN'S LITERATURE**

Second semester 3 hours

An introduction to children's literature, children's interests in reading, and the place of supplementary reading in the elementary curriculum. Prerequisite: ENG 110 or 111.

**EDUC 440 EDUCATION CAPSTONE**

Each semester 2 hours

A seminar class in which students deal with the active and ongoing issues of student teaching through reflection, discussion, and review of teaching and classroom management principles. Students will review, research, and rethink all the components of successful teaching in light of their field based experiences. To be taken in conjunction with Observation and Student Teaching.

**EDUC 441 OBSERVATION AND STUDENT TEACHING IN ELEMENTARY EDUCATION****EDUC 442 OBSERVATION AND STUDENT TEACHING IN SECONDARY EDUCATION****EDUC 443 OBSERVATION AND STUDENT TEACHING IN K-12 EDUCATION**

Each semester 12 hours

Observation and teaching under the joint supervision of a qualified school classroom teacher and a member of the education

department faculty. Open only to students who have senior standing, are fully qualified as prospective graduates, have completed the required preliminary courses, and have been approved by the Teacher Education Committee. Requires 15 weeks of classroom observation and teaching in 2 settings.

#### **EDUC 470 INDEPENDENT STUDY**

Either semester 1-3 hours

#### **EDUC 490 SELECTED TOPICS IN EDUCATION**

Either semester 3 hours

Selected studies in advanced education dealing with topics of special interest to teachers. May be repeated with different topics. Offered on demand.

### **ENGINEERING**

#### **EGR 121 INTRODUCTION TO ENGINEERING THE GREAT COMMISSION**

First semester 3 hours

An introduction to the engineering profession from a Christian worldview perspective. Emphasis on leveraging the engineering profession as a platform for spreading the Gospel around the world. Students will be introduced to working individually and on project teams to solve problems. Covers the place of engineering in society, ethics, the importance of mathematics and communication. Engineering Course fee.

#### **EGR 122 ENGINEERING SERVICE**

Second semester 1 hour

Taking engineering out into the community through service. Activities important to the community will be addressed by teams of engineering students. Sample possibilities include: 1) judging local science fairs, 2) working on a Habitat for Humanity house, 3) assisting local middle/high school engineering clubs, 4) addressing a local community issue like transportation, energy usage, after school activities for youth, etc. Intended to stimulate ideas of engineering design classes. Prerequisite: EGR 121.

#### **EGR 124 INTRODUCTION TO ENGINEERING DESIGN - ART OF ENGINEERING**

Second semester 3 hours

An introduction to the artistic aspect of engineering from Christian worldview with emphasis on developing creativity and artistic expression in engineering design. Students will gain knowledge and appreciation for the works of historic and modern artists/engineers. Principles of manual engineering graphical design as well as computer aided design will be introduced. Prerequisite: EGR 121. Engineering Course fee.

#### **EGR 221 COMPUTATIONAL METHODS**

First semester 3 hours

Students are introduced to some of the key computational techniques used in modeling and simulation of real-world phenomena, including error analysis, matrices and linear systems, convergence, and stability. Prerequisite: MATH 122, CSCI 116.

#### **EGR 222 CIRCUITS AND INSTRUMENTATION**

Second semester 3 hours

DC and AC circuit analysis, network theorems, Kirchoff's

Laws, topology, and computer aided techniques. Emphasis will be on analog and linear circuit theory and devices. Design of digital circuits with digital integrated circuit components and microcontrollers. Apply, program, and synthesize microcontroller circuits to simplify sequential circuits and complex control logic. Prerequisite: EGR 121, PHYS 246. Engineering Course fee.

#### **EGR 223 ENGINEERING MECHANICS - STATICS**

First semester 3 hours

Introduction to engineering mechanics, including the analysis of 2D and 3D force systems, pin-connected structures, trusses, frames and machines. Statics of particles and rigid bodies. Equivalent force-couple systems and equilibrium in 2D and 3D. Centroids and area moment of inertia. Introduction to friction. Prerequisite: EGR 121, PHYS 245. Engineering Course fee.

#### **EGR 224 ENGINEERING MECHANICS - DYNAMICS**

Second semester 3 hours

Introduction to kinematics and kinetics of systems of particles and rigid bodies. Applying equations of motion, work and energy, impulse and momentum to engineering problem solving. Prerequisite: EGR 223. Engineering Course fee.

#### **EGR 225 ENGINEERING ECONOMICS**

First semester 3 hours

Application of economic and financial principles to capital investment of engineers. Analysis by present worth, annual cash flow, rate of return, benefit-cost, and replacement considerations. An understanding of depreciation, taxes, inflation, probability and risk, and evaluation of optimum use of resources. Prerequisite: EGR 121, MATH 122.

#### **EGR 226 MECHANICS OF MATERIALS**

Second semester 3 hours

Introduction to stress and strain, bending, torsion, direct stress and transverse shear in beams; curved members; thin-walled members; combined stresses; experimental stress analysis using strain gauges; theories of failure; deflection of beams; statically indeterminate problems; elastic stability of columns. Prerequisite: EGR 223, CHEM 131. Engineering Course fee.

#### **EGR 290 SELECTED TOPICS IN ENGINEERING**

Either semester 1-3 hours

Topics in engineering to meet the needs and interests of students. May be repeated with different topics. Engineering Course fee may apply.

#### **EGR 321 DESIGN OF EXPERIMENTS**

First semester 3 hours

Introduction to statistical design of experiments techniques for engineering problem solving. Topics will include: introduction to experiments, completely randomized designs, blocking designs, full factorial designs with two levels, fractional designs with two levels and response surface designs. Prerequisite: EGR 222. Engineering Course fee.

#### **EGR 322 FLUID MECHANICS**

Second semester 4 hours

The study of fluid properties and hydrostatics. Open channel flow, compressible flow, pipe flow and pipe networks, pumps and

turbo machinery, boundary layers, dimensional analysis, similitude, lift and drag. Prerequisite: EGR 224, MATH 326, MATH 222. Engineering Course fee.

### **EGR 323 ENGINEERING THERMODYNAMICS**

First semester 3 hours

Application of first and second laws of thermodynamics.

Work, heat, thermodynamic properties of pure substances.

Introduction to refrigeration and power cycles. Prerequisite: EGR 224, MATH 326. Engineering Course fee.

### **EGR 347 ENGINEERING PROFESSIONAL**

#### **DEVELOPMENT I**

First semester 1 hour

This course will formalize the engineering internship process during the Junior year. Students will be introduced to internship opportunities and Vogel School of Engineering standards of professional development in terms of resume writing, interviewing, and on the job professionalism for the engineering internship experience. Employers will register with the Vogel School of Engineering and follow established employment and assessment protocols. Prerequisite: MATH 326, PHYS 246, CHEM 131, EGR 124.

### **EGR 349 ENGINEERING PROFESSIONAL**

#### **DEVELOPMENT II**

First semester 1 hour

This course will memorialize the 200-hour engineering internship experience process during the Senior year. Students will document their internship experience and make a presentation to the Junior class explaining the internship and experience gained from the opportunity. Students will assess the experience and provide feedback to the employer and the Vogel School of Engineering. Prerequisite: MATH 326, PHYS 246, CHEM 131, EGR 124.

### **EGR 422 HEAT TRANSFER**

Second semester 3 hours

Introduction to heat transfer by conduction, convection, and radiation. Applications to heat exchanges, ducts & pipes, surfaces, phase exchanges, and mass transfer. Application of dimensional analysis and numerical methods for solving heat transfer problems. Design of equipment involving heat-transfer processes. Prerequisite: EGR 224, MATH 326. Engineering Course fee.

### **EGR 424 ENGINEERING ETHICS**

Second semester 3 hours

Analysis of the engineering professional code of conduct.

Christian ethics applied to engineering, discussion of case histories of ethical problems in engineering. Prerequisite: EGR 121.

### **EGR 470 INDEPENDENT STUDY**

Either semester 1-3 hours

### **EGR 491 CAPSTONE SENIOR DESIGN I**

First semester 3 hours

Research and development of projects derived from industry sources or realistic integrated design problems. Projects may be undertaken by individuals or teams. Projects may be interdisciplinary or specific to an area of concentration. Prerequisite: EGR 322, 323, and 422. Engineering Course fee.

### **EGR 492 CAPSTONE SENIOR DESIGN II**

Second semester 3 hours

Design and Fabrication of projects researched in Capstone Design I. Projects may be undertaken by individuals or teams. Projects may be interdisciplinary or specific to an area of concentration. Prerequisite: EGR 491. Engineering Course fee.

## **ENGINEERING – CIVIL**

### **EGCI 321 GEOMATICS ENGINEERING**

First semester 3 hours

Students will conduct field measurements of distance, elevation, and angles using various instruments including tape, automatic level, and total station. Topics include types of surveying, legal aspects, and error analysis. Prerequisite: MATH 326, PHYS 246, EGR 221. Engineering Course fee.

### **EGCI 322 TRANSPORTATION ENGINEERING**

Second semester 3 hours

Introduction to the primary modes of transportation. Main emphasis on planning, design, and operation of roadways, including traffic flow theory, highway capacity, traffic control, geometry, drainage, and design of pavements. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223.

### **EGCI 323 STRUCTURAL ANALYSIS**

First semester 3 hours

Students will construct shear and moment diagrams and influence lines in structural systems models and perform analyses of statically determinate and indeterminate trusses and frames using virtual work, moment distribution, and matrix methods. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223. Engineering Course fee.

### **EGCI 421 ENGINEERING PROJECT MANAGEMENT**

First semester 3 hours

This course focuses on applying the principles of project management in engineering. Topics include: project planning, budgeting, scheduling, estimating as well as construction management and contract administration. There will be significant hands-on exposure to “real-world” engineering projects. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223.

### **EGCI 422 DESIGN OF CONCRETE & STEEL SYSTEMS**

Second semester 3 hours

Students will design reinforced concrete beams, columns, frames, and slabs using the strength method with concentration on use of the ACI 318 Code. Students will be introduced to the design of structural steel beams, columns, tension members, frames, trusses, and connections (bolted and welded) using the load and resistance factor design (LRFD) method with concentration on AISC specifications and manuals. The course will include design software applications and a practical design project. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223, EGCI 323. Engineering Course fee.

### **EGCI 424 ENVIRONMENTAL ENGINEERING**

Second semester 3 hours

This course focuses on the management of the aquatic environment by means of engineered solutions. Students will learn

to apply modern unit treatment processes for the design of water treatment and wastewater treatment systems. The course will include two field trips to local water and wastewater treatment facilities. Prerequisite: MATH 326, PHYS 246, CHEM 131, EGR 223. Engineering Course fee.

#### **EGCI 426 GEOTECHNICAL ENGINEERING**

Second semester 3 hours

Students will study physical and chemical properties of soils and subsurface structures with a focus on mechanics of aggregations applied to earthwork and foundations design. Prerequisite: MATH 326, PHYS 246, CHEM 131 EGR 221. Engineering Course fee.

#### **EGCI 490 SELECTED TOPICS IN CIVIL ENGINEERING**

Either semester 3 hours

Advanced topics in civil engineering to meet the needs and interests of students. May be repeated with different topics. Engineering Course fee may apply.

### **ENGINEERING - MECHANICAL**

#### **EGME 321 ENGINEERING MATERIALS**

First semester 3 hours

An introduction to the science of engineering materials. Engineering properties of materials - mechanical, electrical, and chemical - are closely linked to the underlying solid state and molecular structure. Chemistry relating to various aspects of design including phase change, solution theory, acid-base solutions, and chemical equilibrium is presented. The processes by which these materials are produced and manufactured is also presented. Other topics include atomic bonding, crystal lattices, dislocation theory, phase diagrams, heat treatment, ferrous and non-ferrous alloys, ceramics and glasses, polymers and composites. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223. Engineering Course fee.

#### **EGME 323 MANUFACTURING ENGINEERING**

First semester 3 hours

Introduction to both traditional and modern manufacturing engineering. Traditional manufacturing topics include machining, stamping, forming (plastics and metal), casting, metrology, etc. Modern manufacturing topics include Computer Numerical Control, Flexible Manufacturing Systems, robotics, CAD/CAM/CIM, nano-fabrication, etc. Hands-on projects/labs and/or plant tours included. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223. Engineering Course fee.

#### **EGME 421 MECHANICAL VIBRATIONS**

First semester 3 hours

Introduction to the modeling, analysis and design of mechanical vibrating systems. Study of damping and its effects on vibration. Topics include steady state and transient analysis of systems with a single or multiple degrees of freedom, free, harmonic and forced responses of such systems, Laplace transform, and stability. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223. Engineering Course fee.

#### **EGME 422 KINEMATICS & ROBOTICS**

Second semester 3 hours

A study of displacement, velocity, and acceleration analysis of

linkage and cam mechanisms by graphical and analytical methods. Topics include synthesis of mechanisms such as the slider-crank and four-bar linkage, gears and gear trains, and the kinematics and inverse kinematics of robotics. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223. Engineering Course fee.

#### **EGME 423 QUALITY ENGINEERING**

First semester 3 hours

Introduction to traditional quality engineering topics such as statistical quality control (control charts, acceptance sampling, process capability analysis, design of experiments), total quality management, lean manufacturing, six-sigma concepts and practices, measurement, detection, reduction, elimination, and prevention of quality deficiencies. Includes the Taguchi method and its application to engineering design. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223.

#### **EGME 424 MACHINE COMPONENT DESIGN**

Second semester 3 hours

Application of statistical concepts, reliability, factor of safety, fatigue, and wear failure to machine designs. Applications to the design of shafting, bearings, gears, springs, and fasteners. Design optimization. Prerequisite: MATH 326, PHYS 246, EGR 221, EGR 223. Engineering Course fee.

#### **EGME 490 SELECTED TOPICS IN MECHANICAL ENGINEERING**

Either semester 3 hours

Advanced topics in mechanical engineering to meet the needs and interests of students. May be repeated with different topics. Engineering Course fee may apply.

### **ENGLISH**

#### **ENG 109 COLLEGE WRITING I**

First semester 3 hours

This course focuses on the development of proficiency in writing through peer editing, revision, and instruction by the professor. Students will write a number of essays, one of which involves a short literary work, learning the skills required for a variety of writing modes. Students enrolled in the ENG 109-110 sequence may not enroll in ENG 111.

#### **ENG 110 COLLEGE WRITING II**

Second semester 3 hours

Students will learn basic elements of critical thinking and the application of those elements to living in the contemporary world. Assignments include a major research paper on a controversial topic and a critical analysis of a topic originating in a major work of literature. Prerequisite: ENG 109. ENG 110 is prerequisite for ENG 211 and ENG 411. Students enrolled in the ENG 109-110 sequence may not enroll in ENG 111.

#### **ENG 111 FRESHMAN ENGLISH**

Each semester 3 hours

This freshman level course focuses on the development of proficiency in writing through peer editing, revision, and instruction by the professor. It emphasizes critical thinking and expository

writing, including an introduction to research writing. Students will write a number of essays, at least one of which involves a literary work, learning the skills required for a variety of writing modes. Minimum words written: 4000, with a minimum of 2500 in formal, finished writing. ENG 111 is prerequisite for ENG 211 and ENG 411. Placement in this course requires an ACT Reading score of 18 or higher AND an ACT English score of 18 or higher OR an SAT Evidence Based Reading & Writing score of 460 or higher. Credit cannot be earned for both ENG 110 and 111.

**ENG 115 INTRODUCTION TO THE WESTERN LITERARY CANON**

Either semester 3 hours

A study of the development of the Western Canon from Beowulf through Gerard Manley Hopkins. Special emphasis is given to major writers, including Chaucer, Shakespeare, Milton, Pope, Dryden, and Hopkins, among others. Does not apply to English major nor substitute for ENG 211. Offered on demand.

**ENG 117 C.S. LEWIS & THE INKLINGS**

First semester 3 hours

A study of major fiction and non-fiction works of C. S. Lewis, J. R. R. Tolkien, and members of the writers group known as “The Inklings.” Explores the nature of the group, the interaction of group members, and the contributions of each to the development of individual works. Does not apply to the English major.

**ENG 190 SELECTED TOPICS IN ENGLISH**

Either semester 1-3 hours

Topics in English to meet the needs and interests of students. Offered based on demand and instructor availability. May be repeated with different topics.

**ENG 211 INTRODUCTION TO LITERATURE**

Each semester 3 hours

An introduction to the basic terms and genres of literature with emphasis on English and American works as models, and a continuation of the writing instruction of ENG 110/111, with emphasis on critical thinking and further instruction in research writing. The course serves as a prerequisite to most other literature courses. Minimum words written: 3000, with minimum of 2000 in formal, finished writing. Prerequisites: ENG 110 or 111.

**ENG 213 WORLD LITERATURE I**

Either semester 3 hours

A survey of selections from masterpieces of world literature from the Classical period through the Renaissance which examines the works in relation to their cultural backgrounds. Prerequisite: ENG 110 or 111.

**ENG 214 WORLD LITERATURE II**

Either semester 3 hours

A survey of selections from masterpieces of world literature from the neoclassical period to the present which examines the works in relation to their cultural backgrounds. Prerequisite: ENG 110 or 111. Offered on demand.

**ENG 245 INTRODUCTION TO CREATIVE WRITING**

Second semester 3 hours

Designed for students interested in learning and practicing the

craft of creative writing, including writing poetry, fiction, and the creative nonfiction essay. Discussion of the biblical foundations for creative expression through words and of the Christian writer’s responsibility to art, society, and God. Workshop format. Prerequisite: ENG 110 or 111.

**ENG 320 LEWIS & TOLKIEN: IMAGINATIVE**

**APOLOGISTS**

Second semester 3 hours

A study of major fiction and non-fiction works of C. S. Lewis and J. R. R. Tolkien, in terms of their literary artistry and their theological and philosophical ideas. Explores both the Christian thought of these two writers and the ways they managed to communicate that thought vividly and persuasively to their culture. Prerequisite: ENG 110 or 111. Offered alternate years.

**ENG 321 AMERICAN LITERATURE I**

First semester 3 hours

A survey of major and minor works from the seventeenth century to the Civil War which examines the works in relation to their cultural background. Prerequisite: ENG 211.

**ENG 322 AMERICAN LITERATURE II**

Second semester 3 hours

A survey of major and minor works from the Civil War to the present which examines the works in relation to their cultural background. Prerequisite: ENG 211.

**ENG 323 AFRICAN AMERICAN LITERATURE**

Either semester 3 hours

A study of the structure, major movements, writers, and representative works of African American literature from the beginning (16<sup>th</sup>-17<sup>th</sup> centuries) through the 20<sup>th</sup> century. Offered alternate years. Prerequisite: ENG 110 or 111.

**ENG 324 SOUTHERN LITERATURE**

Second semester 3 hours

A study of key works of major writers--black and white, male and female--of the Southern Literary Renaissance. We will explore how the paradoxes of Southern culture and letters--Southern writers’ sense of the South’s sin in race relations combined with their pride in its conservative moral-spiritual heritage, their use of both traditional and *avant garde* literary techniques, and their simultaneous criticism and admiration of their region - have helped produce this rich, complex body of literature. Offered on demand and instructor availability. Prerequisite: ENG 110 or 111.

**ENG 325 CREATIVE WRITING: CREATIVE NONFICTION**

First semester 3 hours

Refinement of writing skills through creative nonfiction, with emphasis on awareness and practice of the habits and techniques of professional writers. Prerequisite: ENG 110 or 111; recommended: ENG 211.

**ENG 327 ADVANCED GRAMMAR**

Second semester 3 hours

Advanced Grammar presents a systematic description of the grammar of the English language, drawing on traditional, structural, and transformational models. Included in the course are discussions of the history of English and of language acquisition and

development. Prerequisite: ENG 110 or 111.

### **ENG 328 CREATIVE WRITING: FICTION**

First semester 3 hours

The study of the theory and practice of imaginative writing, with emphasis on fiction. Prerequisite: ENG 110 or 111.

### **ENG 329 CREATIVE WRITING: POETRY**

First semester 3 hours

The study of the theory and practice of imaginative writing, with emphasis on poetry. Prerequisite: ENG 110 or 111. Offered alternate years.

### **ENG 331 BRITISH LITERATURE I**

First semester 3 hours

A survey of major and minor works from the Anglo-Saxon period through the eighteenth century which examines works inductively and in relation to literary influences and cultural backgrounds. Prerequisite: ENG 211.

### **ENG 332 BRITISH LITERATURE II**

Second semester 3 hours

A survey of major and minor works from the Romantic, Victorian, Modern, and Postmodern periods which examines the works in relation to their cultural backgrounds. Prerequisite: ENG 211.

### **ENG 333 SHAKESPEARE**

Second semester 3 hours

A study of selected comedies, tragedies, histories, and romances, with attention given to relevant Renaissance background and to major critical comment from the sixteenth century to the present. Offered alternate years. Prerequisite: ENG 211.

### **ENG 334 MAJOR VICTORIAN POETS**

First semester 3 hours

A study of one or more of the major Victorian poets (Tennyson, Browning, Arnold, Hopkins, Rossetti, etc.) in order to better understand not only the writers and their works but also the Victorian frame of mind, as England transitions between the Romantics and the Moderns, trying to find solid footing within the debate between science and religion, and learning how to live with the consequences of the Industrial Revolution. Offered alternate years. Prerequisite: ENG 110 or 111.

### **ENG 346 INTRODUCTION TO THE NOVEL**

First semester 3 hours

A survey of the development of the novel, including a detailed study of representative novels from both England and America. Offered alternate years. Prerequisite: ENG 211.

### **ENG 347 HISTORY AND NATURE OF THE ENGLISH LANGUAGE**

First semester 3 hours

A study of the origin and nature of language, semantics, intercultural communication, the history of English, and current issues and trends in grammar and linguistics, with application to life, literature, and the mass media. Offered alternate years. Prerequisite: ENG 110 or 111.

### **ENG 350 INTRODUCTION TO TEACHING ENGLISH AS A SECOND LANGUAGE**

Either semester 3 hours

An introduction to the basic aims, problems, issues, methods, materials and other aspects concerning teaching English to people whose first language is not English. The focus is to understand and apply some of the best theories, principles and techniques of linguistic pedagogy. Prerequisite: ENG 110 or 111.

### **ENG 371 CREATIVE WRITING WORKSHOP**

First semester 3 hours

This course is designed for advanced practice of the craft of creative writing in specific genres. Students will discuss the biblical foundations for creative expression through words and of the Christian writer's responsibility to art, to society, and to God. Workshop format. Offered alternate years. Prerequisite: ENG 245.

### **ENG 374 EDITING ESSENTIALS**

First semester 3 hours

This course focuses on editing written texts at three levels: for correctness; for precision; and for style. Students will also consider the larger context of language as a gift meant to serve God and neighbor, providing a purpose for its effective use. Prerequisite: ENG 110 or 111. ENG 211 is recommended. Offered alternate years.

### **ENG 391-394 SELECTED TOPICS IN LITERATURE**

Either semester 3 hours

Study of any number of literary, rhetorical, and linguistic topics of special interest to students and professors. These may include Christian Classics (close study of such authors as Augustine, Aquinas, Spenser, Milton, Donne, Hawthorne, Swift, G.K. Chesterton, Dorothy Sayers), and such other possible courses as *The Victorian Novel*, *The Bible as Literature*, *The Postmodern Novel*, *The American Novel*, *The British Novel*, *Popular Literature of the Twentieth Century*, and *Women in Literature*. Students may take as many as three of these courses for up to nine hours. Offered based on demand and instructor availability. Prerequisite: ENG 211.

### **ENG 395-399 SELECTED TOPICS IN CREATIVE WRITING**

Either semester 3 hours

Study of any number of any number creative writing topics of special interest to students and professors. These may include *Writing for Christian Publications*, *Poetry*, *Professional or Technical Writing*, *Travel Writing*, and *Screenplay and Script Writing*. Students may take as many as three of these courses for up to nine hours. Offered based on demand and instructor availability. Prerequisite: ENG 110 or 111, and 245.

### **ENG 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines.

### **ENG 411 EXPOSITORY WRITING**

Both semesters 3 hours

A continuation and enhancement of skills learned in ENG 110/111, with emphasis on critical thinking and on revising and

editing written work. At least one assignment will require students to write an essay on a topic in their major discipline. Minimum words written: 4000, with a minimum of 3000 in formal, finished writing. Prerequisites: ENG 110 or 111 and junior or senior standing.

**ENG 420 ENGLISH TUTORING: THEORY AND PEDAGOGY**

First semester 3 hours

A faculty-taught and supervised program which prepares advanced students to work with students needing assistance with writing skills at all levels. Includes class meetings and a minimum of five hours per week staffing The Writing Center. Prerequisite: ENG 110 or 111.

**ENG 440 MODERN LITERATURE**

Second semester 3 hours

A study of twentieth-century writers whose works are of significance in modern literature. Emphasis on works which reflect various patterns or views in modern thinking. Offered alternate years. Prerequisite: ENG 211.

**ENG 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**ENG 475 ENGLISH TEACHING ASSISTANTSHIP**

Either semester 3 hours

This course is designed to give students an opportunity to gain supplemental teaching skills in an applied setting by working with a professor inside and outside the classroom. Permission of Department Chair is required.

**ENG 476 ENGLISH INTERNSHIP**

Either semester 3 hours

An experience-based course in which junior or senior English majors further develop the knowledge and skills gained in their course of study through on-the-job training under the professional supervision and the guidance of a major professor. This course is coordinated by a faculty adviser and may be completed off campus. Permission of Department Chair is required.

**ENG 493 ENGLISH THESIS RESEARCH**

First semester 1 hour

A capstone course in which English majors will prepare for the writing of a thesis on a topic in literature, language, composition, or rhetoric through research and the writing of a proposal and annotated bibliography. Open only to senior English majors.

**ENG 495 INTRODUCTION TO LITERARY CRITICISM**

Second semester 3 hours

A survey of the principles of literary criticism from Plato to the present that relates literary theory to Western intellectual history and helps students develop their own theory of literature, one that is consistent with Christian presuppositions about language, literature, and life. Prerequisite: ENG 110 or 111.

**ENG 496 ENGLISH THESIS**

Second semester 2 hours

A capstone course in which English majors will demonstrate

and further develop the knowledge and skills gained in their course of study through the writing of a thesis on a topic in literature, language, composition, or rhetoric. This course completes the thesis sequence as students apply the research gathered in ENG 493. Prerequisite: ENG 493. Open only to senior English majors.

**EXERCISE AND HEALTH SCIENCE**

**EHS 111 CONCEPTS OF PHYSICAL FITNESS**

Each semester 2 hours

This course is designed to acquaint the student with the health-related components of physical fitness. Utilizes both lecture and laboratory settings to examine the relationship between physical activity and optimum health and wellness. Some physical activity is required in the lab sessions.

**EHS 112-A BASKETBALL**

Either semester 1 hour

This course is designed to provide the student with basic knowledge, appreciation, and development of the technical skills required in the sport of basketball. Exposes the student to the history, rules, and strategies of the game. Not open to JV or varsity basketball players.

**EHS 113-A ARCHERY**

Either semester 1 hour

This course is designed to acquaint the student with basic knowledge, appreciation, and development of the technical skills required in the sport of archery. Exposes the student to the history, rules, and strategies of the sport. Presents information about different types of archery equipment and different uses of archery skills, such as recreation and competition.

**EHS 114-A BADMINTON**

Either semester 1 hour

This course is designed to provide the student with basic knowledge, appreciation, and development of the technical skills required in the sport of badminton. Exposes the student to the history, rules, and strategies of the game.

**EHS 115-A VOLLEYBALL**

Either semester 1 hour

This course is designed to provide the student with basic knowledge, appreciation, and development of the technical skills required in the sport of volleyball. Exposes the student to the history, rules, and strategies of the game. Not open to JV or varsity volleyball players.

**EHS 116-A SOFTBALL**

Either semester 1 hour

This lifetime fitness activity offers students an opportunity to become more skillful in the essential activities of throwing, fielding, hitting, and base running, using primarily a slow-pitch format. Emphasis is also placed on advancing player understanding of strategies and rules of the game. Not open to JV and varsity softball or baseball players.

**EHS 118-A ADVANCED FITNESS TRAINING AND CONDITIONING**

Either semester 1 hour

This course is designed for the independent, highly motivated student desiring advanced training and conditioning in such activities as running, mountain biking, walking, swimming, and weight training. Not designed for the casual, infrequent exerciser. The instructor assists the student in developing an individualized training program. The course includes directed readings in nutrition, stretching, and other health concerns. Prerequisite: EHS 111.

**EHS 119-A BEGINNING AQUATICS**

First semester or summer 1 hour

This lifetime fitness activity provides instruction and development of basic skill acquisition, body control, rules, teamwork, and leadership in aquatics. Includes practice of basic strokes, turns, entries, surface dives, and personal safety skills. The student is also exposed to other aquatic fitness activities, games, and to the history of swimming.

**EHS 120-A INTERMEDIATE AQUATICS**

First semester or summer 1 hour

This lifetime fitness activity builds on the proficiencies of the beginning swimmer. More emphasis is placed on improving the health-related components of physical fitness, especially cardiovascular and muscular endurance, and on designing swim training workouts. The student is exposed to the butterfly as well as other more advanced aquatic skills and games. Prerequisite: Proficiency in the skills listed in EHS 119-A.

**EHS 123-A GOLF**

Either semester 1 hour

This course provides basic instruction in techniques of the golf swing and putting, golf etiquette, and the strategies, rules, and history of the game. Not open to JV or varsity golf players.

**EHS 125-A BEGINNING TENNIS**

Either semester 1 hour

This course is designed to introduce the sport of tennis: fundamental techniques/skills, basic strategies, and rules and etiquette for both singles and doubles play.

**EHS 126-A FUNDAMENTALS OF SOCCER**

Either semester 1 hour

This course is designed to introduce the sport of soccer: its history, fundamental techniques/skills, basic tactics, and rules. Includes instruction in and practice of passing, shooting, dribbling, and basic goal keeping and ball control skills. Not open to JV or varsity soccer players.

**EHS 128-A HIKING**

Either semester 1 hour

This class is designed to educate students about relevant physiological applications, basic orienteering principles, and safety issues in hiking and to foster an appreciation for the environment. Students participate in several hiking trips in nearby wilderness areas, including at least one Saturday six-hour outing in the Great Smoky Mountains.

**EHS 149 FOUNDATIONS OF PHYSICAL EDUCATION AND SPORT**

First semester 3 hours

This course provides an introduction to physical education, exercise science, and sport including the historical, sociological, and philosophical foundations of such. Examines career possibilities, aims and objectives, and contemporary views of physical education and sport. Emphasis is given to discussing ethical questions that arise and on incorporating a biblical worldview in the development of a basic philosophy of physical education and sport.

**EHS 160-A VARSITY BASKETBALL**

Each semester 1 hour

Provides advanced instruction and intensive training in the techniques, tactics, and rules of basketball. Includes instruction in individual and team play, strategy, and offensive and defensive formation. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

**EHS 161-A VARSITY SOCCER**

First semester 1 hour

Provides advanced instruction and intensive training in the techniques, tactics, and rules of soccer. Includes instruction and practice in individual and team play, strategy, and offensive and defensive play. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

**EHS 162-A VARSITY BASEBALL**

Second semester 1 hour

Provides advanced instruction and intensive training in the techniques, strategies, and rules of baseball. Includes instruction and practice in the biomechanics of the sport, in individual and team play, and offensive and defensive play. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

**EHS 163-A VARSITY GOLF**

Spring semester 1 hour

Provides advanced instruction and intensive training in the techniques, tactics, and rules of golf. Includes instruction and practice in individual and team play and strategy as well as USGA rules as they apply to medal and match play. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

**EHS 164-A VARSITY FASTPITCH SOFTBALL**

Second semester 1 hour

Provides advanced instruction and intensive training in the techniques, tactics, and rules of fastpitch softball. Includes instruction and practice in individual and team play, strategy, and offensive and defensive play. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

**EHS 165-A VARSITY VOLLEYBALL**

First semester 1 hour

Provides advanced instruction and intensive training in the techniques, tactics, and rules of volleyball. Includes instruction and

practice in individual and team play, strategy, and offensive and defensive play. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

#### **EHS 166 VARSITY MANAGER AND STATISTICIAN**

Each semester 1 hour

This course is designed to provide the student with experience in assisting coaching staff and athletic administration in the operational aspects of running varsity teams. The student learns to facilitate smooth-running practice sessions, track statistical data, produce relevant reports, set up and maintain equipment, and maintain team uniforms. Open only to students in good standing. May be taken eight times. Graded on a pass/fail basis.

#### **EHS 167-A VARSITY CROSS COUNTRY**

First semester 1 hour

Provides intensive training and goal setting techniques allowing the student to increase speeds over varied distances. Generally, the men's program competes at the 8 Kilometer distance and the women at 5 Kilometers. Students will study and learn different philosophical approaches to their training, which will enable them to individualize their training to best fit their aerobic development. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

#### **EHS 168-A VARSITY CHEERLEADING**

Either semester 1 hour

Teaches and promotes tumbling, jumps and stunt work, and other basic to intermediate-level gymnastic skills. Student is expected to attend scheduled cheerleading classes and practice and to provide encouragement for Bryan College athletic teams for home games. May be taken four times. Graded on a pass/fail basis.

#### **EHS 169-A VARSITY TRACK & FIELD**

Second semester 1 hour

Provides advanced instruction and intensive training in track and field events. Open only to students who meet NAIA eligibility requirements. May be taken four times. Graded on a pass/fail basis.

#### **EHS 170-A VARSITY MARTIAL ARTS**

Second semester 1 hour

An athletic and leadership academy designed to prepare a student physically, mentally, and spiritually for conflict resolution and integration of faith in everyday life. May be taken four times. Graded on a pass/fail basis.

#### **EHS 190-A SELECTED TOPICS**

Either semester 1 hour

Selected activity courses. Offered based on student interest and instructor availability. May be repeated with different topics.

#### **EHS 200 CARE AND PREVENTION OF ATHLETIC INJURIES**

First semester 3 hours

This course introduces the student to the field of athletic training. Includes an examination of the history of athletic trainers and their roles in sports and the allied medical community; basic assessment of and treatment skills for athletic injuries; and,

techniques in the prevention of athletic-related injuries.

#### **EHS 208-A LIFEGUARD TRAINING**

First semester or summer 2 hours

This is an advanced aquatics course designed to teach lifeguard candidates the skills and knowledge needed to prevent, recognize, and respond quickly and effectively to aquatic emergencies. Successful completion of the course leads to American Red Cross Lifeguard certification, which includes certification in First Aid and CPR for the Professional Rescuer. Requires some Saturday sessions. Prerequisites: Must have intermediate to advanced swimming skills and pass a swim skill test given the first day of class. Must be *at least* 15 years old by the end of the course.

#### **EHS 209-A WATER SAFETY INSTRUCTOR**

First semester or summer 2 hours

This is an advanced aquatics course designed to teach instructor candidates the skills and knowledge needed to teach a variety of American Red Cross water safety and swimming courses. Successful completion of the course leads to American Red Cross WSI certification and certification in Fundamentals of Instructor Training. Requires some Saturday sessions. Prerequisites: Must be *at least* 17 years old *before* the class begins, have intermediate to advanced swimming skills, and pass written and swim skills pre-tests given the first day of class.

#### **EHS 210-A JOGGING**

Either semester 1 hour

This course teaches the fundamentals of running/jogging. Introduces students to topics such as proper footwear, basic mechanics and physiology of running/jogging, cross training and injury prevention. Not open to JV or varsity cross country or track and field athletes.

#### **EHS 211-A BEGINNING WEIGHT TRAINING**

Either semester 1 hour

This course is designed to provide beginning students with a guided weight-lifting experience. The central goal of the course is establishment of a consistent, comprehensive, whole-body routine of weight lifting using sound techniques. Students are expected to develop a strong working knowledge of the biomechanics and variety of weight lifting programs.

#### **EHS 212-A BOWLING**

Either semester 1 hour

This course is designed to provide the student with basic knowledge, appreciation, and development of the rules, strategies, and technical skills in the game of bowling. Additional fee required.

#### **EHS 213-A BASIC WOMEN'S SELF-DEFENSE**

Either semester 1 hour

This course is designed to provide instruction and practice in self-defense and basic karate techniques for women. Emphasis is placed on practical methods of responding to street and in-home attacks and on improving the student's awareness and avoidance of potentially dangerous situations.

**EHS 214-A AEROBIC CONDITIONING**

Either semester 1 hour

This course is designed for the student desiring further knowledge and participation in cardiorespiratory (aerobic) activities and exposes the student to a variety of aerobic activities.

**EHS 215-A BEGINNING STAGE MOVEMENT**

Either semester 1 hour

Designed to give the student fundamental knowledge of movement necessary for performing in musical theatre dance. Basic techniques in ballet, tap, jazz, and ballroom dancing as applied to choreography for musical theatre will be presented.

**EHS 216-A INTERMEDIATE STAGE MOVEMENT**

Either semester 1 hour

Designed to give the student fundamental knowledge of movement necessary for performing in musical theatre dance. Intermediate techniques in ballet, tap, jazz, and ballroom dancing as applied to choreography for musical theatre will be presented. Prerequisite: EHS 215-A or equivalent skill level.

**EHS 217-A MEN'S SELF-DEFENSE**

Either semester 1 hour

This introductory class for men provides instruction and practice in preventive measures against attack, physical self-defense tactics, and fundamental skills related to personal safety and protection.

**EHS 219-A ADVANCED WOMEN'S SELF-DEFENSE**

Either semester 1 hour

This course is a continuation of EHS 213-A, Basic Women's Self-Defense. It provides more advanced instruction in self-defense, judo, and karate techniques; physical training; and methodology for recognizing and avoiding potentially dangerous confrontations. Prerequisites: EHS 213-A and instructor's permission.

**EHS 221 SAFETY EDUCATION AND FIRST AID**

Each semester 2 hours

This course involves classroom instruction, demonstration, and practice sessions in recognizing and responding appropriately to emergency situations and discusses legal, moral, and ethical issues involved in emergency care. Emphasizes the importance of a safe, healthy lifestyle in preventing injury and illness. Successful completion of the course leads to American Red Cross certification in Standard First Aid and infant/child/adult CPR and AED.

**EHS 222 SCHOOL AND COMMUNITY HEALTH**

Second semester 2 hours

This course introduces principles of health, disease, and disabilities, with special emphasis on school health services, community health, and responsibility to promote healthful living, communicable disease control, and sanitation. Four hours of practicum required.

**EHS 225-A INTERMEDIATE TENNIS**

Either semester 1 hour

This course reviews and builds on basic tennis skills and tactics. Further development of skills such as the lob, passing shot, slice, drop shot, and smash. Emphasizes learning and implementing

more advanced tactics, diagnosis, and remedy of problem areas, and enhancing overall performance of the intermediate-level tennis player. Prerequisite: Proficiency in the skills taught in EHS 125-A

**EHS 229 INTRODUCTION TO SPORTS COACHING**

First semester 3 hours

This course is designed to provide the student with the knowledge and skills necessary for understanding the qualifications, skills, and issues relative to the profession of sports coaching, as well as developing his/her personal philosophy for coaching sport.

**EHS 320 EXERCISE LEADERSHIP & PRESCRIPTION**

Second semester 3 hours

This course is designed to assist those involved in exercise prescription and leadership - athletic trainers, personal trainers, group fitness leaders, and those involved in rehabilitation settings - in providing safe, appropriate fitness activities. Students receive practical experience in pre-exercise screening, exercise prescription, program organization, and assessment and improvement of health-related fitness components. The course provides students with the opportunity to sit for the American Council on Exercise (ACE) Personal Trainer Certification Exam (additional fee). Prerequisites: EHS 111; BIO 210 or 221.

**EHS 325 MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION**

Second semester 3 hours

This course presents the study and application of principles and techniques of scientific measurement in physical education settings. Emphasizes the analysis of data and the application of results to physical education programs.

**EHS 327 TEACHING INDIVIDUAL AND TEAM SPORTS**

Second semester 3 hours

This course is designed to provide the student with the knowledge of skills, methods, materials, and conditioning necessary to teach badminton, tennis, bowling, basketball, volleyball, and soccer. Additional course fee.

**EHS 328 TEACHING ELEMENTARY PHYSICAL EDUCATION**

Second semester 3 hours

This course provides instruction in the history and development of physical education in America. Includes instruction on lesson planning, classroom management, and discipline. Emphasizes the teaching of fundamental motor skills, game activities, educational gymnastics, rhythmic movement, and sports skills to children in grades K-6. Four hours of practicum required.

**EHS 329 MOTOR LEARNING**

First semester 3 hours

This course involves instruction in the fundamental processes underlying human movement, including learner characteristics, how humans learn and refine skilled actions, and how principles of motor performance and learning are useful in teaching and coaching motor skills. Utilizes both lecture and laboratory settings. Four hours of practicum required.

**EHS 334 ADAPTED PHYSICAL EDUCATION**

Second semester 3 hours

This course is designed to develop beginning-level knowledge and skills necessary to meet the needs of individuals with disabilities in a variety of settings – physical education, recreation, sports, fitness, and rehabilitation. Provides an introduction to principles involved in planning and conducting movement programs, including assessment, curriculum, instruction, pedagogy, administration, and knowledge of specific physical, mental, and emotional disabilities. Fifteen hours of practicum required.

**EHS 341 PHYSIOLOGY OF EXERCISE**

First semester 3 hours

This course provides the necessary background for the beginning exercise physiology student to understand the human body's response to exercise, whether it is exercise to attain health or to attain maximal performance. Highlights the latest research in topics such as factors that limit performance, work tests used to evaluate fitness, training methods, exercise concerns for special populations, body composition, nutrition, environmental influences on performance, and ergogenic aids. Utilizes both lecture and laboratory settings. Prerequisites: BIO 210 or 221.

**EHS 342 STRUCTURAL KINESIOLOGY**

First semester 3 hours

This course prepares students of human motion – whether they are future physical educators, athletic trainers, fitness instructors, coaches, or occupational or physical therapists – to systematically analyze human movement in terms of muscles, joints, and nervous system integration and to apply that knowledge to improve motor performance. Emphasis is placed on the structure and function of the musculoskeletal system and the anatomy and fundamental movements of specific segments of the body. Provides basic anatomical knowledge necessary for understanding the nature of common injuries and their prevention or rehabilitation. Includes introduction to basic biomechanical concepts. Utilizes both lecture and laboratory settings. Prerequisites: BIO 210 or 221.

**EHS 343 SPORT PSYCHOLOGY**

Second semester 3 hours

This course provides the student with a practical approach to the application of the principles of psychology in sport and exercise settings. Emphasis is on personality, attention, anxiety, motivation, aggression, team cohesion, cognitive-behavioral interventions, and strategies for performance enhancement. Cross-listed as PSY 343. Prerequisite: PSY 111.

**EHS 345 BIOMECHANICS**

Either semester 3 hours

This course introduces biomechanics – the application of physical laws to human movement – using findings from the research literature to support and exemplify concepts presented. Supplies the physical educator, personal trainer, coach, athletic trainer, and others involved in the teaching of physical skills with mechanical principles of movement that can be applied to appropriate classes, athletic teams, and individuals who have diversified levels of physiologic fitness. Uses both quantitative and qualitative examples of problems to illustrate biomechanical principles. Involves both lecture and laboratory settings. Offered on demand. Prerequisites: EHS 342; BIO 210 or 221.

**EHS 390 SELECTED TOPICS**

Either semester 1-3 hours

Topics in Exercise and Health Science to meet the needs and interests of students. Offered based on student interest and instructor availability. May be repeated with different topics.

**EHS 420 ADMINISTRATION AND SUPERVISION OF PHYSICAL EDUCATION AND SPORT PROGRAMS**

Second semester 3 hours

This course examines the practical administration of instructional programs including physical education, as well as intramural and interscholastic athletics. Emphasizes interpretation and articulation of curricula, objectives, policies, staff, legal issues, ethical issues from a biblical worldview and the use of facilities, supplies, equipment, and budget.

**EHS 421 SENIOR SEMINAR IN EXERCISE AND HEALTH SCIENCE**

Either semester 3 hours

This capstone course provides advanced instruction in research methods in exercise and health science. Students will learn the process of identifying the research problem, developing the hypothesis/research proposal, defining assumptions, delineating strategies for literature search, choosing a research design, considering ethics in exercise and health science research, analyzing and interpreting data, and the mechanics of writing a research paper. Open only to EHS seniors or permission of EHS Department Chair.

**EHS 422-423 EXERCISE & HEALTH SCIENCE PRACTICUM I & II**

Both semesters 6 hours

Designed to give the advanced EHS student practical experience in the establishment and performance of a working experience, under the supervision of the coaching, teaching, or administrative staff, in one or more of the following settings: intercollegiate, interscholastic, or intramural sports; corporate and industrial fitness; community recreation; physical therapy; occupational therapy; athletic training; hospital wellness centers; or other appropriate allied health, wellness, or physical education setting. The student is expected to gain direct, hands-on experience in such activities as fitness assessment, exercise prescription, leadership, sports information, and/or organizing practice conditions, games, recreational and rehabilitation activities. Requires 137.5 clock hours (for 3 credits) at the chosen practicum site(s). Open only to EHS Seniors or permission of EHS Department Chair. With permission of the EHS Department Chair EHS 422 and 423 may be taken concurrently.

**EHS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**FILM****FLM 210 MEDIUM OF FILM**

Either semester 3 hours

This course will provide a framework for understanding film by giving an overview of its narrative and technical components. This framework together with a Christian perspective will make the student a better critical consumer.

## FINE ARTS

### FA 190 SELECTED TOPICS

Either semester 1-3 hours  
Investigation of subjects related to the areas of art, music, theater. May be repeated with different topics. Offered on demand.

### FA 211 INTRODUCTION TO FINE ARTS

Each semester 3 hours  
An introduction to a biblical perspective on the arts. Emphasis on basic elements, historic concepts, major figures, and implications of major works in human culture.

### FA 390 SELECTED TOPICS

Either semester 1-3 hours  
Investigation of subjects related to the areas of art, music, theater. May be repeated with different topics. Offered on demand.

### FA 470 INDEPENDENT STUDY

Either semester 1-3 hours

## FRENCH

### FREN 111 ELEMENTARY FRENCH I

First semester 3 hours  
Introductory French course for students with little to no experience in the language. Fundamentals of pronunciation, grammar, conversation, graded readings. Laboratory work required. Not open to native speakers.

### FREN 112 ELEMENTARY FRENCH II

Second semester 3 hours  
A continuation of FREN 111. Laboratory work required. Prerequisite: FREN 111 or demonstrated proficiency equivalent, or permission of the Department. Not open to native speakers.

### FREN 211 INTERMEDIATE FRENCH I

First semester 3 hours  
Grammar, conversation, composition, advanced graded readings. Laboratory work required. Prerequisite: FREN 112 or demonstrated proficiency equivalent, or permission of the Department. Not open to native speakers. Offered on demand.

### FREN 212 INTERMEDIATE FRENCH II

Second semester 3 hours  
A continuation of FREN 211. Prerequisite: FREN 211 or demonstrated proficiency equivalent, or permission of the Department. Not open to native speakers. Offered on demand.

## GREEK

### GRK 111 ELEMENTARY GREEK I

First semester 3 hours  
An introduction to the Ancient Greek language and literature. The fundamentals of grammar, pronunciation, and vocabulary will be covered. Emphasis is placed upon sentence structure, with exercises in analysis and translation.

### GRK 112 ELEMENTARY GREEK II

Second semester 3 hours  
A continuation of GRK 111. By the end of the semester, students will have completed the introductory Greek grammar and also read through the gospel of Mark in Greek. Prerequisite: GRK 111 or equivalent.

### GRK 190 SELECTED TOPICS

Either semester 3 hours  
Topics in Greek to meet the needs and interests of students. May be repeated with different topics. Offered on demand.

### GRK 211 INTERMEDIATE KOINE GREEK I

First semester 3 hours  
A study of syntactical principles, idioms, and style. Applications of these principles by translation of selections from the New Testament. Students in this course will read through a major New Testament book several times in Greek. Prerequisite: GRK 112 or equivalent.

### GRK 212 INTERMEDIATE KOINE GREEK II

Second semester 3 hours  
A continuation of GRK 211. Students in this course will read through a major New Testament book several times in Greek. Prerequisite: GRK 211 or equivalent.

### GRK 321 INTERMEDIATE CLASSICAL GREEK I

First semester 3 hours  
An introduction to the study of Greek literature. Selected reading from the period of ancient Greek literature (850 B.C. to 529 A.D.), together with a grammatical study of the selections read. Offered on demand. Prerequisite: GRK 112 or equivalent.

### GRK 322 INTERMEDIATE CLASSICAL GREEK II

Second semester 3 hours  
Selected readings from various texts from 850 B.C. – 529 A.D. Texts chosen will differ from GRK 321. Prerequisite: GRK 112.

### GRK 390-391 SELECTED TOPICS

Either semester 3 hours  
Topics in Greek to meet the needs and interests of students. May be repeated with different topics. Offered on demand.

### GRK 470 INDEPENDENT STUDY

Either semester 1-3 hours

## HEBREW

### HEB 111 ELEMENTS OF HEBREW I

First semester 3 hours  
This course serves as an introduction to the study of Hebrew, the primary language of the Old Testament. The course covers morphology, phonology, verbal system, basic grammar, and syntax.

### HEB 112 ELEMENTS OF HEBREW II

Second semester 3 hours  
This course serves as an introduction to the study of Hebrew.

The course emphasizes developing skills, competence in vocalizing Hebrew and the use of Hebrew in personal Bible study.  
Prerequisite: HEB 111.

### **HEB 211 INTERMEDIATE HEBREW I**

First semester 3 hours

This course emphasizes intermediate and advanced skills in grammar and exegesis as an aid to doing extensive reading and exegesis in the Hebrew Bible. Prerequisite: HEB 112.

### **HEB 212 INTERMEDIATE HEBREW II**

Second semester 3 hours

This course emphasizes intermediate and advanced skills in grammar and exegesis as an aid to doing extensive reading and exegesis in the Hebrew Bible. Prerequisite: HEB 211.

### **HEB 390-391 SELECTED TOPICS**

Either semester 3 hours

Topics in Hebrew to meet the needs and interests of students. May be repeated with different topics. Offered on demand.

### **HEB 470 INDEPENDENT STUDY**

Either semester 1-3 hours

## **HISTORY**

### **HIS 111 HISTORY OF WESTERN CIVILIZATION I**

First semester 3 hours

A survey course studying ancient and medieval Western civilization to 1660 with an emphasis on political, religious, and cultural history. Credit may not be earned for both HIS 111 and HIS 211.

### **HIS 112 HISTORY OF WESTERN CIVILIZATION II**

Second semester 3 hours

A survey course studying early modern and modern Western civilization from 1660 to the present, with an emphasis on political, religious, and cultural history. Credit may not be earned for both HIS 112 and HIS 212.

### **HIS 190 SELECTED TOPICS**

Either semester 3 hours

Selected topics in history. May be repeated with different topics. Offered based on student interest and instructor availability.

### **HIS 211 HISTORY OF WESTERN THOUGHT & CULTURE I**

First semester 3 hours

This course will introduce students to significant features of Western thought and culture from ancient civilizations to the beginning early modern period (end of 16<sup>th</sup> century), including the rise and development of the Christian church. Philosophy, religious and intellectual development, and cultural analysis are brought to bear to render an introductory examination of the development of Western history, thought, and culture from the ancient to the early modern periods. Credit may not be earned for both HIS 111 and HIS 211.

### **HIS 212 HISTORY OF WESTERN THOUGHT & CULTURE II**

Second semester 3 hours

This course will introduce students to significant features of Western thought and culture from the early modern period (end of 16<sup>th</sup> century) up to the present day, including key developments in the Christian tradition. Philosophy, religious and intellectual development, and cultural analysis are brought to bear to render an introductory examination of the development of Western history, thought, and culture from the early modern period up to the present day. Credit may not be earned for both HIS 112 and HIS 212.

### **HIS 220 HISTORICAL WRITING**

First semester 3 hours

This course introduces students to the process of writing the most common kinds of humanities-based research essays and papers, to the ethical and historical issues of historical writing, and to the study of history. Prerequisite: ENG 110 or 111 and a 100/200 level history survey course. Does not satisfy the core history survey requirement.

### **HIS 221 HISTORY OF THE UNITED STATES I**

First semester 3 hours

A survey course that focuses on the political, military, social, economic, and religious history of the United States from the eve of colonization through Reconstruction.

### **HIS 222 HISTORY OF THE UNITED STATES II**

Second semester 3 hours

A survey course that focuses on the political, military, social, economic, and religious history of the United States from Reconstruction to the present.

### **HIS 232 SURVEY OF NON-WESTERN HISTORY**

Second semester 3 hours

This course comprises a wide historical survey, exploring the social, political, and religious factors of specifically non-Western cultures.

### **HIS 251 CHURCH HISTORY: FROM THE EARLY CHURCH TO THE REFORMATION**

First semester 3 hours

A study of the historical development of Christianity from its origin to the Reformation.

### **HIS 252 CHURCH HISTORY: FROM THE REFORMATION TO THE PRESENT DAY**

Second semester 3 hours

A study of the historical development of Christianity from the Reformation to the present day.

### **HIS 321 EARLY MODERN EUROPE**

First semester 3 hours

A study of economic, political, religious, and social trends in European society from 1350-1815. Offered on demand.

### **HIS 322 MODERN EUROPE**

Second semester 3 hours

A study of economic, political, religious, and social trends in European society from 1815 through 1960. Offered on demand.

**HIS 323 HISTORY OF ENGLAND**

Either semester 3 hours

This course explores the political, social, economic, and cultural history of England from its Roman occupation to the present day. Offered on demand.

**HIS 324 HISTORY OF THE COLD WAR**

Either semester 3 hours

This course will focus exclusively on the Cold War from its origins in the early twentieth century to the fall of the Berlin Wall and the dismemberment of the Soviet Union. Offered on demand.

**HIS 325 HISTORY OF MODERN VIETNAM**

Either semester 3 hours

A description and analysis of the history of modern Vietnam and its interaction with the outside world. Offered on demand.

**HIS 326 AMERICAN RELIGIOUS HISTORY**

Either semester 3 hours

A broad overview of the history of American religion with particular emphasis on various individuals and denominations related to the topic. Can be used as an historical theology elective. Offered on demand.

**HIS 327 HISTORY OF FREE MARKET THOUGHT**

Either semester 3 hours

This course is a reading and discussion course designed to delve into the issue of the history of free market thought and its application. Offered on demand.

**HIS 328 TUDOR AND STUART ENGLAND**

Either semester 3 hours

This course will survey the era of the Tudor and Stuart dynasties in Great Britain from 1485-1714.

**HIS 329 SCOTTISH CHRISTIAN HISTORY**

Either semester 3 hours

This course explores the 1<sup>st</sup> and 2<sup>nd</sup> Reformation of Scotland, investigating the differing views on faith, culture, and identity that permeated the internal struggles of the Scottish people and issues of Church and State during this time period.

**HIS 332 MEDIEVAL EUROPE**

Second semester 3 hours

The social, cultural, political, and religious development of Europe from the decline of Rome to the close of the fifteenth century. Offered on demand.

**HIS 333 HERESY & ORTHODOXY IN MEDIEVAL & EARLY MODERN EUROPE**

Either semester 3 hours

This course uses primary sources (in translation) and historiographic debates to examine the interaction between heretical movements and the development of orthodox beliefs and practices in the medieval and the early modern period. Offered on demand.

**HIS 334 HISTORY OF THE REFORMATION**

Either semester 3 hours

Political, cultural, social, and economic history of the period

of Protestant and Catholic reformations. Offered on demand.

**HIS 339 THE HISTORICAL IMAGINATION**

Either semester 3 hours

This course will unravel the tensions and contradictions inherent in the historical imagination in order to reflect on more fundamentally theoretical issues related to cultural representations of the past (such as novels, artwork, and films) and its relation to academic history. Offered on demand.

**HIS 340 HISTORIOGRAPHY**

Either semester 3 hours

This is an introduction to the study of historical thought and writing and provides students with access to some of the themes and approaches to history that have been influential in the historical profession. Prerequisite: HIS 220. Offered on demand.

**HIS 341 TWENTIETH CENTURY AMERICA**

Either semester 3 hours

An in-depth analysis of the people, trends, events, and ideas impacting the U.S. in the twentieth century. Offered on demand.

**HIS 343 AMERICAN CIVIL WAR**

Either semester 3 hours

A thorough study of the causes, conduct, and results of the American Civil War. Offered on demand.

**HIS 345 HISTORY & TRADITIONS OF CHRISTIANITY**

First semester 3 hours

This course explores the historical developments of the Christian faith with an emphasis on key movements, moments, figures, and shifts that have continuing implications for the church today. Special attention is paid to the emergence and formation of diverse Christian traditions. Cross-listed with CT 345. Offered alternate years.

**HIS 348 READINGS IN AMERICAN HISTORY**

Either semester 3 hours

This course is a reading and discussion course designed to delve into various topics on American history. Offered on demand.

**HIS 356 HISTORY OF HUMAN MIGRATIONS**

Either semester 3 hours

This course addresses the history and study of human migrations, including their causes and effects, as well as touching on emigration and immigration laws, and the political, religious, cultural, and economic influences on migrations.

**HIS 357 HISTORY OF AFRICA**

Either semester 3 hours

This course deals with the history of the continent of Africa, with special reference to the impact of geography and resources, the impact of political and religious ideologies, and the importance of non-written sources of history.

**HIS 390 SELECTED TOPICS**

Either semester 3 hours

Selected topics in advanced history dealing with subjects such as American presidential history and American economic history. May be repeated with different topics.

**HIS 391 HISTORY OF CHINA**

First semester 3 hours

A survey of various diplomatic, political, military, technological, theological, and social institutions and perspectives that have influenced Chinese history.

**HIS 393 AMERICAN CONSTITUTIONAL HISTORY**

First semester 3 hours

An analysis of the development of the Constitution and a case study of how the American Constitution has been interpreted by the Supreme Court. Offered alternate years.

**HIS 395 AMERICAN POLITICAL HISTORY**

First semester 3 hours

A description and analysis of American political history since the colonial era. Includes political activities, institutions, individuals, culture, and policy. Acquaints students with American political traditions in an effort to inform and develop decision-making in an accurate historical context. Offered alternate years.

**HIS 396 AMERICAN MILITARY HISTORY**

Second semester 3 hours

Describes and analyzes American military history since the colonial era to include key military activities, institutions, and policy. Specifically covers civil-military relations, the place of military options within the spectrum of political action, and the nature and conduct of war.

**HIS 398 WORLD WAR II**

Second semester 3 hours

An analysis and description of World War II. Explores the military, diplomatic, political, technological, and social elements which influenced the war and its outcomes.

**HIS 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines. Prerequisite: HIS 220.

**HIS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**HIS 475 HISTORY TEACHING ASSISTANTSHIP**

Either semester 3 hours

This course is designed to give history majors an opportunity to gain supplemental teaching and mentoring skills in an applied setting by working with a history professor inside and outside the classroom. Responsibilities would include, but are not be limited to, leading study groups for tests and quizzes, facilitating small group work in and out of the classroom, and recording of grades, and other duties as assigned by the instructor. Approval of instructor required. Prerequisite: HIS 220.

**HIS 476 HISTORY INTERNSHIP**

Either semester 1-3 hours

The History Internship is an elective opportunity that should be viewed as an enhancing and enriching experience. One that will assist the student in determining a career vocation following

college. The internship is selected by the student in consultation with the History professors; the day-to-day supervision for this applied learning experience is on-site, with departmental supervisory assistance rendered as needed. Requires 50 clock hours for each credit. Prerequisite: HIS 220 and approval of instructor.

**HIS 492 SENIOR SEMINAR IN HISTORY**

Second semester 3 hours

A research and writing course for seniors which emphasizes scholarly methods of historical research and writing, which, in the end, results in the production of a senior thesis. Prerequisite: Acceptance by history department faculty as history major and HIS 220.

**HONORS****HNR 190 SELECTED TOPICS**

Either semester 1-3 hours

Selected topics offered based on student interests and instructor availability. May be repeated with different topics. Offered on demand.

**HNR 411 HONORS SENIOR THESIS**

Either semester 3 hours

The thesis allows for in-depth research in the student's area of interest. Offered on demand.

**HNR 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**HNR 491 SELECTED TOPICS**

Either semester 3 hours

Selected topics offered based on student interests and instructor availability. May be repeated with different topics. Offered on demand.

**LIBERAL ARTS****LA 101 GREAT BOOKS OF THE ANCIENT WORLD**

Either semester 3 hours

The course will examine some of the influential works from the ancient world, particularly from Greece and Israel (c. 8<sup>th</sup> century BC to 100 BC). Students will be encouraged to critically examine these works from a biblical perspective, discussing, debating, and evaluating the validity of the authors' ideas and ethics.

**LA 102 GREAT BOOKS OF CHRISTENDOM**

Either semester 3 hours

The course will examine some of the influential works of Rome, early and medieval Christendom, and Islam (c. AD 70 to AD 1000). Students will be encouraged to critically examine these works from a biblical perspective, discussing, debating, and evaluating the validity of the authors' ideas and ethics.

**LA 190 SELECTED TOPICS**

Either semester 3 hours

Selected topics offered based on student interests and instructor availability. May be repeated with different topics. Offered on demand.

**LA 201 GREAT BOOKS OF THE RENAISSANCE & REFORMATION**

Either semester 3 hours

The course will examine some of the influential works from the Renaissance and Reformation (c. 14<sup>th</sup> century to 17<sup>th</sup> century). Students will be encouraged to critically examine these works from a biblical perspective, discussing, debating, and evaluating the validity of the authors' ideas and ethics.

**LA 202 GREAT BOOKS OF THE MODERN ERA**

Either semester 3 hours

The course will examine some of the influential works of the Modern World (late 17<sup>th</sup> century to 20<sup>th</sup> century). Students will be encouraged to critically examine these works from a biblical perspective, discussing, debating, and evaluating the validity of the authors' ideas and ethics.

**LA 222 EXPLORING THE LIBERAL ARTS**

First semester 1 hour

A course exploring the history and vision of the liberal arts. Students will read primary and secondary texts on the subject in order to develop an understanding of its concepts and applications.

**LA 290/291 SEMINAR IN CRITICAL THOUGHT**

Either semester 1 hour

Open to all students. Course is based on a lecture series offered by a Bryan College Center. Requirements include attendance at all sessions and completion of a paper after the lectures have been completed. May be taken for credit a maximum of six times.

**LA 292 LIBERAL ARTS RESEARCH**

Second semester 3 hours

Special studies in selected topics pertinent to the arts and sciences. Includes researching and writing a major paper to evaluate historical or contemporary topics. Open only to second year students pursuing an Associate of Arts degree in Liberal Arts.

**LA 390 SELECTED TOPICS**

Either semester 3 hours

Advanced selected topics offered based on student interests and instructor availability. May be repeated with different topics. Offered on demand.

**LA 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**LA 475 LIBERAL ARTS INTERNSHIP**

Either semester 3 hours

A capstone experience in which junior or senior Liberal Arts majors further develop the knowledge and skills gained in their course of study through on-the-job training under professional supervision, as well as academic research pertaining to the subject area of the internship, and exploration of its relationship to the liberal arts, under the guidance of the course instructor. This course is coordinated by a faculty advisor, to whom an application must be submitted the semester in advance. Offered on demand.

**LA 492 LIBERAL ARTS SEMINAR**

First semester 3 hours

A capstone course in which senior Liberal Arts majors will demonstrate and further develop the knowledge and skills they have gained in their course of study through researching for and writing one or more significant essays about a topic of their choice, as guided by the instructor, and demonstrating that topic's relation to the liberal arts.

**MANAGEMENT**

**MGT 237 PRINCIPLES OF MANAGEMENT**

Second semester 3 hours

A survey of management theory and practice with emphasis on the functional and task requirements of management. Specific topics include decision making, time management, planning, organizing, directing, motivating, and controlling.

**MGT 290 SELECTED TOPICS IN MANAGEMENT**

Either semester 3 hours

Topics in management to meet the needs and interests of students. May be repeated with different topics.

**MGT 322 SOCIAL ENTERPRISE**

Either semester 3 hours

Introduces the breadth and depth of Social Entrepreneurship and Business as Mission. Topics include the definition, differences, types, effectiveness and Biblical basis. The course requires building a proposal for a new venture that will address a specific social problem. Offered on demand.

**MGT 327 HUMAN RESOURCE MANAGEMENT**

Either semester 3 hours

This course is an introductory study of the management of employees within an organization. The focus is on the selection, training, placement, promotion, appraisal, pay incentives, and laws affecting personnel management. It also addresses the organization and administration of a personnel department. Offered on demand.

**MGT 329 PROJECT MANAGEMENT**

Either semester 3 hours

Introduces the fundamental practices needed to achieve organizational results and excellence in the practice of project management. Topics include project quality, scope, time, cost, human resources, communication, risk, procurement, and stakeholder management. Completion of the course will qualify students to take the Certified Associate in Project Management (CAPM) ® examination. Additional course fee required. Prerequisite: MGT 237. Offered on demand.

**MGT 333 BUSINESS ANALYTICS**

Either semester 3 hours

This course will concentrate on case-based research techniques for problem solving, optimization of data, business modeling using statistical concepts in industry standard software, and the presentation of the analysis. The course includes the practical application of quantitative analytical techniques and data analysis. Prerequisite: BUS 111 and MATH 211. Offered on demand.

**MGT 343 NEW VENTURE STUDIES**

Either semester 3 hours

A study of the start-up of new businesses. Emphasizing entrepreneurship and small business management. Consideration will be given to the necessary skills and resources needed to attain short- and long-term success in a new venture. Ethical considerations of idea use, funding, and resource acquisition. Prerequisites: ACCT 232, MGT 237, and MKT 243. Offered on demand.

**MGT 346 ORGANIZATIONAL BEHAVIOR**

Either semester 3 hours

The nature and consequences of human behavior in work organizations; contemporary models of organizational design, work structuring, motivation and performance, group and intergroup behavior; planned change. Prerequisite: MGT 237. Offered on demand.

**MGT 415 PRODUCTION AND OPERATIONS****MANAGEMENT**

First semester 3 hours

An introduction to the management of the operations/production system. An understanding of the operational practices and functions used to obtain optimal utilization of production factors and business resources with emphasis on quantitative analysis in planning, controlling, and decision-making. Focuses on types of production systems, forecasting, allocating resources, designing products and services, and assuring quality. The scope of this course includes applications for manufacturing and non-manufacturing organizations. Prerequisites: MGT 237 and MATH 115 or higher.

**MGT 424 MANAGEMENT INFORMATION SYSTEMS**

First semester 3 hours

A study of the fundamentals of computer information systems that integrates a perspective of how managers develop, operate, and control such systems. The course is designed to prepare students to be competent partners with systems analysts and programmers in the evaluation and development of information systems applications. Prerequisite: MGT 237. Offered alternate years.

**MGT 441 LEADERSHIP AND MANAGING CHANGE**

Either semester 3 hours

This course explores leadership traits, styles, roles and responsibilities of successful leaders over time. This course seeks to determine the students' individual leadership style and to promote the development of the servant leadership approach modeled by Christ. The course also deals with the practical issues of leading organizations through change and managing the day-to-day aspects of organizational change. Prerequisite: MGT 237. Offered on demand.

**MGT 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**MGT 490-491 SELECTED TOPICS IN MANAGEMENT**

Either semester 3 hours

Advanced topics in management to meet the needs and interests of students. May be repeated with different topics.

**MGT 492 POLICY AND STRATEGY**

Second semester 3 hours

The capstone course of the business program, developing a comprehensive management perspective, emphasizing policy and strategy formulation and implementation in handling multi-functional business problems, and integrating these disciplines with a Christian business ethic. Open only to business majors. Prerequisites: Senior standing and permission of instructor.

**MARKETING****MKT 243 PRINCIPLES OF MARKETING**

First semester 3 hours

An introduction to marketing in relation to the business environment; involves a study from the conception of the idea for a good or service to its utilization by the consumer with emphasis on major decision areas (product, place, price, and promotion) and tools.

**MKT 321 BUYER BEHAVIOR**

Either semester 3 hours

An overview of consumer behavior in the market place. Emphasis is placed on the consumer consumption process from purchase, to use, to disposal of goods, services, and experiences. This course applies concepts from the social sciences in order to understand consumer decision making, buyer behavior, and consumer research. Offered on demand. Prerequisite: MKT 243.

**MKT 329 ADVERTISING & PROMOTION**

Either semester 3 hours

An overview of advertising and promotion presented from an integrated marketing perspective. This course focuses on coordinating all elements of the promotion mix to develop an effective communication strategy. A basic understanding of the traditional advertising and promotional tools and their integration with marketing communications will be covered. Offered on demand. Prerequisite: MKT 243.

**MKT 421 MARKETING RESEARCH & DECISION MAKING**

First semester 3 hours

This course explores marketing research in the context of making business decisions. The topics in this course include defining research objectives, selecting appropriate research techniques, defining the problem statement, selecting and planning the basic research methods, designing a sample, collecting data, editing data, and interpreting findings. Prerequisites: MATH 211 and MKT 243.

**MKT 422 APPLIED MARKETING INNOVATION**

Either semester 3 hours

This course integrates concepts from marketing strategy to focus on creating value and growth through innovation in new and existing markets. Marketing strategy concepts will be studied and tactical details will be evaluated through real life business situations, case studies, and interactive scenarios. Students will apply innovation methods in the determination of general marketing strategy, segmentation, targeting, positioning, and product mix decision. Offered on demand. Prerequisite: MKT 243.

**MKT 423 DIGITAL MARKETING**

Second semester 3 hours

A survey of current strategies and techniques in digital marketing and new media. Prerequisite: MKT 243.

**MKT 424 SPORTS MARKETING**

Either semester 3 hours

Examines various aspects of sport marketing with emphasis on intercollegiate athletics, professional sport and multi-sport club operations. This course provides students with an understanding of marketing concepts as they are currently being applied in various sport managements contexts. Offered on demand. Prerequisite: MKT 243.

**MKT 490 SELECTED TOPICS IN MARKETING**

Either semester 3 hours

Advanced topics in marketing to meet the interests of students. May be repeated with different topics. Prerequisite: MKT 243.

**MATHEMATICS****MATH 115 COLLEGE ALGEBRA**

Either semester 3 hours

A college level course covering operations of real numbers, first and second degree equations, inequalities, linear functions, systems of equations, operations on polynomials, rational expressions and exponents, ratio and proportion, radicals and quadratic equations, and exponential and logarithmic functions. There is an emphasis placed on real-world applications to business and the sciences. Credit may not be earned for both MATH 115 and MATH 117. Open to degree seeking college students. Others must submit satisfactory test scores (ACT Math of 22 or higher; SAT Math of 530 or higher).

**MATH 116 CONTEMPORARY MATHEMATICS**

Either semester 3 hours

Intended for students majoring in liberal arts disciplines not requiring additional study in mathematics. Designed to stimulate mathematical thinking by looking at areas of mathematics not usually encountered in the high school curriculum with an emphasis on their applications in real life. Topics include geometry, applications of exponents and logarithms, probability, and statistics.

**MATH 117 PRECALCULUS**

First semester 4 hours

Properties of real numbers and complex numbers; coordinate geometry; properties of relations and functions, including polynomial and rational functions, exponential and logarithmic functions, and trigonometric functions. Includes computer lab once each week. Open to degree seeking college students (assumed proficiency with high school level Algebra I, II and Geometry). Others must submit satisfactory test scores (ACT Math of 22 or higher; SAT Math of 530 or higher). Credit may not be earned for both MATH 115 and MATH 117.

**MATH 119 CALCULUS FOR BUSINESS & THE SCIENCES**

First semester 3 hours

Functions, limits, differentiation and applications,

optimization, exponents and logarithms, and integration. Open to degree seeking college students (assumed proficiency with high school level Algebra I, II and Geometry). Others must submit satisfactory test scores (ACT Math of 22 or higher; SAT Math of 530 or higher).

**MATH 122 CALCULUS I**

Either semester 4 hours

Functions and graphs; differentiation and antidifferentiation of algebraic, exponential, and trigonometric functions; introduction to differential equations; applications. Includes computer lab once each week. Prerequisite: MATH 117.

**MATH 132 INTRODUCTION TO LOGIC & PROOF**

Second semester 3 hours

Introduction to formal logic, sets, relations and functions, algorithms, recursion, number bases, mathematical proofs, methods of proof, and bijections. Does not meet core curriculum math requirement.

**MATH 211 ELEMENTARY STATISTICS**

Either semester 3 hours

An introduction to the subjects of probability and statistics. A partial listing of topics includes collection and presentation of data, computation and use of averages, measurements of dispersion, introduction to statistical inference, hypothesis testing, regression, correlation, and chi-square tests. Open to degree seeking college students. Others must submit satisfactory test scores (ACT Math of 22 or higher; SAT Math of 530 or higher). Credit may not be earned for both MATH 211 and MATH 242.

**MATH 221 CALCULUS II**

Either semester 4 hours

Fundamental Theorem of Calculus, methods and uses of integration, Taylor series. Includes computer lab once a week. Prerequisite: MATH 122.

**MATH 222 CALCULUS III**

Either semester 4 hours

Algebra and geometry of two- and three-dimensional vectors, partial derivatives, multiple integration, vector calculus, linear systems, and matrix operations. Prerequisite: MATH 221.

**MATH 242 STATISTICS FOR SCIENTISTS & ENGINEERS**

Second semester 3 hours

Quantitative analysis of uncertainty and risk. Fundamentals of probability, random processes, statistics, and decision analysis, random variables, probability distribution functions, conditional distributions, hypothesis testing, and regression. There is an emphasis placed on real-world applications to scientific and engineering problems. Credit may not be earned for both MATH 211 and MATH 242. Prerequisite: MATH 221.

**MATH 321 PROBABILITY**

First semester 3 hours

Concepts of probability, computation rules, discrete and continuous probability distributions, Central Limit Theorem. Offered alternate years. Prerequisite: MATH 222 and 242.

**MATH 322 STATISTICS**

Second semester 3 hours

Sampling distributions, estimation, hypothesis testing, regression, analysis of variance, non-parametric tests. Offered alternate years. Prerequisite: MATH 321.

**MATH 324 NUMERICAL METHODS**

Second semester 3 hours

Numerical methods, numerical differentiation and integration, approximation, polynomial interpolation, iterative and other algorithmic processes, curve fitting, significant figures, round-off errors. Use of the computer in numerical solutions will be included in the class assignments. Offered alternate years. Prerequisites: CSCI 116 and MATH 222.

**MATH 326 DIFFERENTIAL EQUATIONS**

First semester 4 hours

Methods of solution of common types of ordinary differential equations. First-order equations, second- and higher-order linear equations, systems of first-order linear equations, and numerical methods. Prerequisite: MATH 222.

**MATH 330 HISTORY AND PHILOSOPHY OF MATHEMATICS**

Second semester 2 hours

A brief overview of the history of mathematics and introduction to philosophical issues in mathematics. Exploration of the relationship of Christianity to mathematics. Intended for math majors and minors. Does not meet core curriculum math requirement. Offered alternate years. Prerequisite: junior or senior standing.

**MATH 340 MODERN GEOMETRY**

First semester 3 hours

Postulational systems; Euclidean and non-Euclidean geometry. Prerequisite: MATH 132. Offered alternate years.

**MATH 342 LINEAR ALGEBRA**

Second semester 3 hours

A study of vector-space theory, matrix operations, solutions of linear equations, determinants, vector spaces, eigenvalues, orthogonality, decomposition, and linear transformations. Includes applications and proofs. Offered alternate years. Prerequisites: MATH 132 and 222.

**MATH 350 NUMBER THEORY**

Second semester 3 hours

Prime factorization, Diophantine equations, congruence, quadratic reciprocity, sums of squares, Pythagorean triples, and discussions about prime numbers. Prerequisite: MATH 132. Offered alternate years.

**MATH 390-399 SELECTED TOPICS IN MATHEMATICS**

Either semester 1-3 hours

Topics chosen according to students' needs. Some suggested topics: Mathematical Modeling; Complex Analysis; Topology; Advanced Calculus. May be repeated with different topics. Offered on demand. Prerequisite: permission of instructor.

**MATH 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines. Prerequisite: MATH 221.

**MATH 421 REAL ANALYSIS**

First semester 3 hours

Structure of the real number system, sets and functions, sequences, continuity, the derivative, and Riemann integration. Offered alternate years. Prerequisite: MATH 132 and 221.

**MATH 423 ABSTRACT ALGEBRA**

First semester 3 hours

Homomorphisms, groups, rings, fields. Prerequisite: MATH 132 and 222. Offered alternate years.

**MATH 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**MATH 490 SENIOR SEMINAR**

Second semester 1 hour

Review of mathematics in preparation for ETS Mathematics test, which is required for the course. Open only to seniors majoring in Math.

**MUSIC****MUS 110 MUSIC FUNDAMENTALS**

First semester 1 hour

Covers an introduction to the basic elements of music: notation, key signatures, rhythms, intervals, chords, etc. Focuses on introducing the basic content of Music Theory I. Does not apply to the music major. Must be taken concurrent with MUS 121.

**MUS 111-112, 211-212, KEYBOARD PROFICIENCY I - IV**

Each semester 1 hour

Class instruction in piano designed specifically for non-keyboard music majors who are working to pass the keyboard proficiency examination. Courses must be taken in sequence. Intended for music majors. Instructor permission required.

**MUS 113-114, 213-214, 313-314, 413-414 ORGAN (non-major)****MUS 115-116, 215-216, 315-316, 415-416 PIANO (non-major)****MUS 117-118, 217-218, 317-318, 417-418 VOICE (non-major)****MUS 119-120, 219-220, 319-320, 419-420 INSTRUMENT (non-major)**

Each semester 1-2 hours

Music lessons for non-music majors or secondary performing areas of music majors. Beginning students in voice and piano may be grouped in class lessons. One hour of credit for 5 hours of practice and one half-hour lesson per week. Audition required of all new students.

**MUS 121 MUSIC THEORY I**

First semester 3 hours

A study of basic music theory materials, including notation, scales, intervals, and chords. Also includes methods of melodic organization and principles of part-writing.

**MUS 122 MUSIC THEORY II**

Second semester 3 hours

A continuation of basics learned in MUS 121 with harmonic patterns, seventh chords, and modulation. Also includes methods for analyzing simple forms. Prerequisite: MUS 121.

**MUS 123 AURAL SKILLS I**

First semester 1 hour

A study of basic harmonic materials, including scales, intervals, and triads; includes sight-singing, melodic, rhythmic, and harmonic dictation.

**MUS 124 AURAL SKILLS II**

Second semester 1 hour

A study of basic harmonic materials, including scales, intervals, and triads; includes sight-singing, melodic, rhythmic, and harmonic dictation. Prerequisite: MUS 123.

**MUS 152 PIANO ACCOMPANIMENT/ENSEMBLE**

Each semester 1 hour

Meets ensemble requirement for pianists. Requires intermediate piano proficiency. May be taken eight times. Graded on a pass/fail basis.

**MUS 153-154, 253-254, 353-354, 453-454 ORGAN (major)****MUS 155-156, 255-256, 355-356, 455-456 PIANO (major)****MUS 157-158, 257-258, 357-358, 457-458 VOICE (major)****MUS 159-160, 259-260, 359-360, 459-460 INSTRUMENT (major)**

Each semester 1-2 hours

Music lessons for the music major in area of primary performance. One half-hour lesson per week with 5-7 hours of practice for *each* hour of credit. Audition required of all new students.

**MUS 161 BRYAN CHORALE**

Each semester 1 hour

Membership by audition. Meets three hours weekly. May be taken eight times. Graded on a pass/fail basis.

**MUS 163 CHAMBER SINGERS**

Each semester 1 hour

Membership by audition. Meets two hours weekly. May be taken eight times. Graded on a pass/fail basis.

**MUS 166 BRASS ENSEMBLE**

Each semester 1 hour

Membership by audition. Meets weekly as scheduled by instructor. May be taken eight times. Graded on a pass/fail basis.

**MUS 167 WOODWIND ENSEMBLE**

Each semester 1 hour

Membership by audition. Meets weekly as scheduled by instructor. May be taken eight times. Graded on a pass/fail basis.

**MUS 168 STRING ENSEMBLE**

Each semester 1 hour

Membership by audition. Meets weekly as scheduled by instructor. May be taken eight times. Graded on a pass/fail basis.

**MUS 169 OPERA/MUSIC THEATRE WORKSHOP**

Either semester 1 hour

Participation in an actual production. Instruction in set design, stage lighting, costuming, etc. Offered on demand. May be taken eight times. Graded on a pass/fail basis.

**MUS 190 SELECTED TOPICS IN MUSIC**

Either semester 1-3 hours

May be repeated with different topics. Offered on demand.

**MUS 207 GUITAR PROFICIENCY I**

First semester 1 hour

Class instruction in guitar will focus specifically on helping students pass the guitar proficiency examination.

**MUS 208 GUITAR PROFICIENCY II**

Second semester 1 hour

Class instruction in guitar will focus specifically on helping students pass the guitar proficiency examination. Prerequisite: MUS 207.

**MUS 210 MUSIC APPRECIATION**

Each semester 3 hours

An introductory course designed to investigate the nature and role of music. Emphasis on the elements of music, the characteristic styles of major historical periods, and the lives and works of key composers within the Western musical tradition. Not open to music majors.

**MUS 221 MUSIC THEORY III**

First semester 3 hours

Continuation of MUS 122 with a comprehensive approach to advanced harmony and musical forms from various periods. Prerequisite: MUS 122.

**MUS 222 MUSIC THEORY IV**

Second semester 3 hours

Continuation of MUS 221 with a comprehensive approach to advanced harmony and musical forms from various periods. Also includes an introduction to 20<sup>th</sup> Century analysis. Prerequisite: MUS 221.

**MUS 223 AURAL SKILLS III**

First semester 1 hour

A study of basic harmonic materials, including scales, intervals, and triads; includes sight-singing, melodic, rhythmic, and harmonic dictation. Prerequisite: MUS 124.

**MUS 224 AURAL SKILLS IV**

Second semester 1 hour

A study of basic harmonic materials, including scales, intervals, and triads; includes sight-singing, melodic, rhythmic, and harmonic dictation. Prerequisite: MUS 223.

**MUS 225-226 KEYBOARD SKILLS FOR WORSHIP I & II**

Each semester 1 hour

Preparation for the church pianist, from hymns to praise choruses. Instructor approval required.

**MUS 235 INTRODUCTION TO MUSIC TECHNOLOGY**

First semester 2 hours

An introduction to the history, issues, and procedures related to Music and Technology. Focus is on Midi, Audio, and Studio issues. Open to Music majors, CM: Worship Arts option or permission from instructor only.

**MUS 237 MUSICAL THEATRE**

Either semester 3 hours

An introduction to the nature and history of American musical theatre from its early influences to contemporary productions. Emphasis on the development of the genre, significant works, people, and issues. Cross-listed as THT 237.

**MUS 321 ORCHESTRATION**

Either semester 2 hours

An introduction to the basic principles of orchestration including characteristics of and techniques for transcribing for the standard band/orchestral instruments both individually and as an ensemble; practical experience with electronic processes of creation, storage, and performance is included. Prerequisite: MUS 122. Offered on demand.

**MUS 324 ANALYTICAL TECHNIQUES**

Either semester 2 hours

Formal analysis of the motive, phrase, and period; the binary, ternary, rondo, and sonata forms; representative scores from the 17th to 20th centuries studied. Prerequisite: MUS 222. Offered on demand.

**MUS 332 CHORAL CONDUCTING**

First semester 2 hours

Principles of organization, achieving balance, blend, intonation; interpretation of literature; rehearsal techniques. Prerequisite: MUS 122 or permission of instructor. Offered alternate years.

**MUS 333 INSTRUMENTAL CONDUCTING**

Second semester 2 hours

An introduction to the discipline and practice of conducting with specific application to instrumental music. Emphasis on development of basic musicianship, baton and rehearsal techniques, score reading, and instrumentation. Prerequisite: MUS 122. Offered alternate years.

**MUS 334 ORGAN LITERATURE**

Either semester 2 hours

A historical survey of organ literature with consideration of the problems of technique and interpretation. Offered on demand.

**MUS 335-336 PIANO LITERATURE I & II**

Two semesters 4 hours

A broad survey of the repertoire of the piano. Prerequisite: MUS 222. Offered on demand.

**MUS 337 VOCAL LITERATURE**

Either semester 2 hours

A broad survey of the repertoire for voice. Offered on demand.

**MUS 338 INSTRUMENTAL LITERATURE**

Either semester 2 hours

A broad survey of the repertoire for orchestral instruments. Prerequisite: MUS 222. Offered on demand.

**MUS 339-340 HYMNOLOGY I & II**

Two semesters 4 hours

An introduction to the history, criticism, and practical use of hymns and tunes with emphasis on their authors and composers. First semester: from Old Testament times through the 18th Century; Second semester: from 18th Century to the present. Offered alternate years.

**MUS 341 MUSIC HISTORY I**

First semester 2 hours

An introduction to the basic principles of World Music and a survey of representative literature; a survey of the history and literature of music from the Greek era through the Middle Ages. Offered alternate years.

**MUS 342 MUSIC HISTORY II**

Second semester 2 hours

A survey of the history and literature of music during the Renaissance and Baroque periods. Offered alternate years.

**MUS 343 MUSIC HISTORY III**

First semester 2 hours

A survey of the history and literature of music during the Classic and Romantic periods. Offered alternate years.

**MUS 344 MUSIC HISTORY IV**

Second semester 2 hours

A survey of the history and literature of music during the twentieth century with additional emphases on American vernacular traditions. Offered alternate years.

**MUS 345 HISTORY OF CHURCH MUSIC**

First semester 2 hours

An introduction to the philosophy, history, and practice of music in worship and renewal from biblical times to the present with emphasis on the evangelical heritage as a basis for present and future service. Offered alternate years.

**MUS 346 CHURCH MUSIC ADMINISTRATION**

Second semester 2 hours

Organizing and administering the church music program. The role of the minister of music. Developing a graded choir system. Offered alternate years.

**MUS 347 BAND DIRECTOR METHODS**

First semester 2 hours

Philosophy, materials, and methods of directing instrumental groups, particularly school bands. Involves marching, planning shows, music filing and organization, instrument repair, public relations, and finances. Offered on demand.

**MUS 375 INTERNSHIP**

Either semester 2 hours

Supervised experience in worship planning and leadership in the local church. Offered on demand. May be taken twice for credit for a total of four credits.

**MUS 390 SELECTED TOPICS IN MUSIC**

Either semester 1-3 hours

May be repeated with different topics. Offered on demand.

**MUS 400 ADVANCED RESEARCH**

Either semester 3 hours

Provides the academically gifted student with research skills useful in the pursuit of graduate work. Must comply with FDC guidelines.

**MUS 422 METHODS OF TEACHING VOICE**

Second semester 2 hours

An examination of the various philosophies and methods of vocal production. The students will also learn through performance for and constructive criticism of each other. Permission of the instructor required. Each student will instruct an individual, approved by the Professor, for a period of 8 weeks. Offered on demand.

**MUS 425 METHODS OF PIANO TEACHING**

First semester 2 hours

A survey of piano methods, practical and philosophical aspects of piano teaching, and observation of private and group lessons. Permission of the instructor required. Offered on demand.

**MUS 426 PIANO TEACHING PRACTICUM**

Second semester 2 hours

Supervised piano teaching at the elementary and intermediate levels. Prerequisite: MUS 425.

**MUS 427-428 METHODS OF TEACHING ORGAN I & II**

Two semesters 4 hours

A survey of organ teaching methods, from the beginner to the lower advanced student; including research on the various aspects of organ performance, practice in teaching, and observation of organ instruction. Permission of the instructor required. Offered on demand.

**MUS 435 BRASS AND PERCUSSION METHODS**

First semester 2 hours

An introduction to the principles, methods, and materials related to the playing and teaching of brass and percussion instruments. Offered on demand.

**MUS 436 WOODWIND METHODS**

Second semester 2 hours

An introduction to the principles, methods, and materials

related to the playing and teaching of woodwind instruments.

Offered on demand.

**MUS 437 STRING METHODS**

Second semester 2 hours

An introduction to the principles, methods, and materials related to the playing and teaching of string instruments. Offered on demand.

**MUS 448 METHODS OF TEACHING ELEMENTARY****SCHOOL MUSIC**

First semester 2 hours

An introduction to the philosophies, materials, and methods of teaching music in the elementary school. Offered on demand.

**MUS 449 METHODS OF TEACHING SECONDARY****SCHOOL MUSIC**

Second semester 2 hours

An introduction to the philosophies, materials, and methods of teaching music in the secondary school. Offered on demand.

**MUS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**MUS 490 SENIOR MUSIC SEMINAR**

First semester 1 hour

A review of music content areas as preparation for the senior assessment exams. Emphasis on formulation and articulation of Christian worldview in relation to music. Preparation for pursuing graduate school and musical vocations. Open only to senior music majors.

**PHILOSOPHY****PHIL 112 UNDERSTANDING THE TIMES**

3 hours

An exploration of worldview answers to contemporary questions of origins, revelation, epistemology, applied ethics, and interdisciplinary topics. (This course is offered for credit only through participation in the Understanding the Times curriculum available through Summit Ministries of Manitou Springs, Colorado.)

**PHIL 211 INTRODUCTION TO PHILOSOPHY**

Both semesters 3 hours

A consideration of the basic areas of philosophy, with special attention given to metaphysics (e.g. existence of God), epistemology, and moral philosophies.

**PHIL 290 SELECTED TOPICS IN PHILOSOPHY**

Either semester 3 hours

Selected studies in philosophy. May be repeated with different topics. Offered on demand.

**PHIL 310 PHILOSOPHY OF SCIENCE**

Second semester 3 hours

An examination of the nature of science: its methods, its scope, its strengths and limitations, and how it relates to other ways of knowing. Emphasis is on 20<sup>th</sup> century philosophies of science. A

previous college level science class is recommended preparation for the course. Cross-listed as BIO 310.

### **PHIL 312 PHILOSOPHY OF RELIGION**

Either semester 3 hours

A study of the nature of religion and religious claims, as well as the nature of religious language and experience.

### **PHIL 313 ANCIENT & MEDIEVAL PHILOSOPHY**

First semester 3 hours

A chronological survey of major ideas and thinkers, from early Greek thought through the Middle Ages, including, e.g. Plato, Aristotle, Augustine, and Aquinas. Offered on demand. Credit cannot be earned for both PHIL 313 and 322.

### **PHIL 314 MODERN & CONTEMPORARY PHILOSOPHY**

Second semester 3 hours

A chronological survey of major ideas and thinkers from Descartes to the modern period, including Hume, Kant, Nietzsche and Wittgenstein. Offered on demand. Credit cannot be earned for both PHIL 314 and 322.

### **PHIL 315 INTRODUCTION TO ETHICAL THINKING:**

#### **HOW SHOULD WE LIVE?**

First semester 3 hours

An introduction to ethical theories, the meaning of moral judgments, justification of moral claims, and ethical thinking as applied to some contemporary issues and to the Christian's life in the world.

### **PHIL 316 LOGIC AND CRITICAL THINKING**

Second semester 3 hours

A study of the principles of correct and fallacious reasoning. Selected contemporary issues used for case studies. Students will also engage in debates on contemporary topics.

### **PHIL 322 HISTORY OF PHILOSOPHY**

Second semester 3 hours

A chronological survey of major ideas and thinkers from early Greek thought to modern and contemporary philosophy; there will be an emphasis on metaphysical and epistemological issues. Credit cannot be earned for both PHIL 313-314 and 322.

### **PHIL 325 CONTEMPORARY ISSUES IN APPLIED ETHICS**

Either semester 3 hours

This course will be devoted to in-depth discussions of various issues in ethics raised by real-life questions. Discussions will include different points of view on each issue with particular attention given to how each perspective relates to a Christian worldview perspective. The particular issues raised will vary from semester to semester (e.g. bioethics, sexual ethics, war, etc.) Prerequisite: PHIL 315. Offered on demand.

### **PHIL 470 INDEPENDENT STUDY**

Either semester 1-3 hours

### **PHIL 493-494 SELECTED TOPICS IN PHILOSOPHY**

Either semester 3 hours

Selected studies in philosophy, such as epistemology, apologetics, ethics, metaphysics, and other related topics. May be

repeated with different topics. Offered on demand.

## **PHYSICAL SCIENCE**

### **PHYS 190 SELECTED TOPICS IN PHYSICAL SCIENCE**

Either semester 1-4 hours

Designed to supplement offerings in other physical science courses when appropriate to meet students' needs or interests. May be repeated with different topics. Offered on demand.

### **PHYS 211 EARTH SCIENCE SURVEY**

First semester 4 hours

A survey of geology, oceanography, meteorology and astronomy. Topics include: the nature of science, minerals and rocks, dynamic properties of the crust, plate tectonics, fossils, relative and absolute dating, winds, cloud-formation, precipitation, weather maps and forecasting, topography of the ocean floor, ocean currents and climate, coastal landforms, celestial motions, ancient and modern cosmologies, and basic properties of the planets and the stars. Lecture, 3 hours; lab, 3 hours; field trips. Additional Lab fee applies.

### **PHYS 213 GEO-PHYSICAL SCIENCE SURVEY**

Either semester 4 hours

A survey of the basic principles in geological and physical sciences integrated with an examination of how God's attributes are illustrated in the physical creation. Lecture, 3 hours; lab, 3 hours, and field trips. Additional Lab fee applies.

### **PHYS 214 ENVIRONMENTAL GEOLOGY**

Second semester 4 hours

A study of Earth's properties and processes, including minerals and rocks, weathering, evolution of landforms, seismicity, crustal deformation, and resources and environment. Emphasis is on the Earth's dynamic systems, both tectonic and hydrologic. Lecture, 3 hours; lab, 3 hours; and field trips. Offered alternate years. Additional Lab fee applies.

### **PHYS 241 GENERAL PHYSICS I**

First semester 4 hours

First half of an algebra-based course stressing the fundamental concepts of physics: mechanics, wave motion, and sound. Lecture, 3 hours; lab, 3 hours. Prerequisite: MATH 117, 119, or 122 or ACT Math score of 22. Additional Lab fee applies.

### **PHYS 242 GENERAL PHYSICS II**

Second semester 4 hours

Second half of an algebra-based course stressing the fundamental concepts of physics: electricity and magnetism, optics, and modern physics. Lecture, 3 hours; lab, 3 hours. Prerequisite: PHYS 241. Additional Lab fee applies.

### **PHYS 245 COLLEGE PHYSICS I**

First semester 4 hours

This course will provide an introduction to classical mechanics and thermodynamics, including kinematics, dynamics, energy, momentum, rotational motion, oscillatory motion, wave motion, fluid mechanics, and thermodynamics. The mathematical requirements are a working knowledge of differential and integral

calculus. No prior knowledge of physics is assumed. Lecture, 3 hours; lab, 3 hours. Prerequisite: MATH 122. Offered alternate years. Additional Lab fee applies.

### **PHYS 246 COLLEGE PHYSICS II**

Second semester 4 hours

This course will provide an introduction to classical electricity and magnetism, electromagnetic waves, geometrical and physical optics, and modern physics, including atomic and nuclear physics and relativity. Lecture, 3 hours; lab, 3 hours. Prerequisites: PHYS 245. Offered alternate years. Additional Lab fee applies.

### **PHYS 322 MODERN PHYSICS**

Second semester 4 hours

An introduction to topics in modern physics, selected from special relativity, concepts of general relativity, particle/wave duality, quantization, the Standard Model of elementary particles, solid state physics, and cosmology. Prerequisite: PHYS 246. Additional Lab fee applies. Offered on demand.

### **PHYS 390 SELECTED TOPICS IN PHYSICAL SCIENCE**

Either semester 1-4 hours

Designed to supplement offerings in other physical science courses when appropriate to meet students' needs or interests. May be repeated with different topics. Offered on demand.

### **PHYS 424 QUANTUM MECHANICS**

Second semester 3 hours

An introduction to quantum mechanics, including interpretation, formalism, the wave equation, the hydrogen atom, angular momentum, and perturbations. Prerequisite: PHYS 246 and MATH 326. Offered on demand.

### **PHYS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

## **POLITICS & GOVERNMENT**

### **PSGS 110 POLITICS AND RELIGION**

Either semester 3 hours

A study of the intersection of politics and religion within the contemporary American context. Offered on demand.

### **PSGS 212 POLITICS, PHILOSOPHY, AND ECONOMICS**

Either semester 3 hours

This introductory course offers a broad overview of philosophy and economics as foundation stones for governmental structure, as well as bases for political thought, i.e., how such foundation stones (philosophy and economics) form the underpinning for current political thinking and activity in the United States. Offered on demand.

### **PSGS 221 ORIGINS & BASIS FOR GOVERNMENT**

Second semester 3 hours

Government finds its roots in the sovereignty of God. This course is a primer in political thought and theory, surveying crucial ideas in political philosophy, using, for example, the Bible, the writings of Plato, Augustine, Aquinas, Machiavelli, Hobbes, Locke,

Rousseau, Hegel, Marx, Nietzsche, Bastiat, Nash and Wilson.

### **PSGS 225 STATE AND LOCAL GOVERNMENT**

Either semester 3 hours

Analysis of the institutions and issues of state and local governments in the U.S., in the context of a federal system. Emphasis will be placed on the various offices, legal powers, and jurisdictions of state and local governments (such as counties, cities, special purpose districts) and their relationships among each other and with the state and/or federal governments. Offered alternate years.

### **PSGS 226 AMERICAN GOVERNMENT**

Either semester 3 hours

An introduction to and overview of the American system of limited Constitutional government, including historical and philosophical foundations, the workings of government institutions, political processes, and specifics of the U.S. Constitution.

### **PSGS 229 MEDIA & AMERICAN POLITICS**

First semester 3 hours

This course examines the relationships between the mass media and government and its citizens, the role of the mass media in a democratic society. It also examines campaign rhetoric and marketing. This course will be offered to coincide with presidential and midterm election cycles. Cross-listed with COMM 229. Offered alternate years.

### **PSGS 230 JURISPRUDENCE**

Either semester 3 hours

Jurisprudence, the science or philosophy, of law, is offered as an introduction to the law for the student interested in law studies, criminal justice, criminology, politics and government, to include the military. Offered alternate years.

### **PSGS 260 MOCK TRIAL**

Either semester 2 hours

Trains students through role-playing to represent attorneys and witnesses in mock trial competitions at regional, state, and national tournaments. Examines rules of evidence in both civil and criminal cases provided by the American Mock Trial Association. Trains students to write and present opening/closing statements, to conduct direct examinations and cross examinations, and to critically examine arguments of prosecution and defense. Students may participate every semester the course is offered, but only can earn up to four credit hours. Offered on demand.

### **PSGS 290 POLITICAL READINGS SEMINAR**

Either semester 1 hour

Students will read and discuss articles and books. These will supplement the instruction in Politics & Government, as well as political communication from a biblical worldview. May be taken up to three times for credit. Offered on demand.

### **PSGS 291 SELECTED TOPICS**

Either semester 1-3 hours

Topics in politics or government to meet the needs and interests of students. May be repeated with different topics. Offered on demand.

**PSGS 315 WEALTH & JUSTICE**

Either semester 3 hours

Using foundational arguments from Scripture, this course will examine the moral, pragmatic, religious and philosophic arguments for democratic capitalism. It will discuss what free enterprise assumes about human nature, society, the means of production, and the possibilities (and limits) of public policy as it relates to human dignity and work, the economy, private property and theft, and—insofar as the Bible offers enduring principles—some of today’s most pressing public policy issues. Offered on demand.

**PSGS 323 POLITICAL COMMUNICATION**

First semester 3 hours

Introduces students to a broad range of political speeches, examines the nature of political communication today, raises awareness of the construction and delivery of persuasive messages, and develops strategies for effective communication in the political realm. Offered alternate years. Cross-listed as COMM 323.

**PSGS 328 COMPARATIVE GOVERNMENT**

Either semester 3 hours

A survey of the governments of England and other European countries and their relationship to the government of the United States. Offered on demand.

**PSGS 339 LAW AND PUBLIC POLICY**

Either semester 3 hours

Overview of public policy-making procedures as well as substantive analysis of policy specific issues, using the appropriate legal, political, and ethical tools. Broadly, the course will consider the role of government versus the role of the private sector, constitutional and legal decision-making, and the problems of both special interests and public bureaucracies.

**PSGS 349 INTERNATIONAL RELATIONS**

First semester 3 hours

Relations between nation states, as they are played out on the international stage, frame this upper level study. The United States and our relations with countries throughout the world are the foci for this course. Current international political and military events and issues will be the launching pads for discussions. Verbal communication is stressed. Offered alternate years.

**PSGS 350 POLITICAL SEMINAR**

Either semester 1 hour

Attend political training seminars from organizations approved by Politics & Government faculty. These could include a seminar on how to manage a political campaign, or a seminar on how to develop a grassroots, persuasive campaign to advocate a political, or social issue. May be taken twice for credit.

**PSGS 374 FEDERAL SEMINAR**

Second semester 3 hours

An intense one-week introduction to the political, economic, defense, judicial and social roles and problems facing governmental authorities in Washington, D.C., to provide an insight to the opportunities for Christians in Federal service, together with a basic introduction to the U.S. government. Offered on demand.

**PSGS 376 LEGISLATIVE INTERNSHIP**

Second semester 12 credits

Eligible juniors and seniors spend the spring semester in Nashville as an intern for a state legislator. Candidates must apply by mid-October and be accepted to the program by the State’s Internship Committee. Accepted students receive a stipend for living expenses.

**PSGS 390 DISCOURSES IN POLITICS, PHILOSOPHY & ECONOMICS**

Either semester 3 hours

The junior level course in this integrated discipline, “Discourses” build on the PSGS 212 model. In depth analysis of national level politics and economics is the primary focus of this course. Offered on demand.

**PSGS 394 STRATEGY & TACTICS IN AMERICAN POLITICS-CONGRESSIONAL**

Either semester 3 hours

Designed to examine the conduct of political campaigns as they are unfolding in the initial months of a final election year on the national level. Offered on demand.

**PSGS 399 THE AMERICAN NATIONAL ELECTION-CONGRESSIONAL**

Either semester 3 hours

The natural corollary to PSGS 394 is designed to follow sequentially “Strategy and Tactics in American Politics.” The final campaign push of the major parties is examined in anticipation of Election Day. Offered on demand.

**PSGS 421 AMERICAN CONSTITUTIONAL LAW**

Either semester 3 hours

This course offers an in-depth analysis of American law, emphasizing the nature of constitutionalism, methodologies of constitutional and/or legal interpretation; the mechanics of the federal judiciary (especially the Supreme Court); analysis of landmark U.S. Supreme Court decisions involving governmental structure and relationships; as well as civil liberties and civil rights and the political and social background to these judicial decisions.

**PSGS 424 HOMELAND SECURITY, INTELLIGENCE & COUNTERTERRORISM**

Either semester 3 hours

An overview of the field of intelligence gathering, analysis, and use for the purpose of preventing or investigating terrorist activities and other forms of political violence in order to protect the security of the U.S. This includes the structure and operations of the Homeland Security apparatus, analysis of the functions of this apparatus in a Constitutional/Due Process legal system, and the tools for engaging in intelligence analysis. Cross-listed with CJUS 424.

**PSGS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**PSGS 475 INTERNSHIP**

Either semester 1-6 hours

The Politics and Government Internship is an elective opportunity, chosen by the student as a complement to the required

core of subjects. This internship opportunity should be viewed as an enhancing and enriching experience, especially one that will assist the student in determining a career path following college. The internship is selected by the student in consultation with the Politics and Government Department; the day-to-day supervision for this applied learning experience is on-site, with departmental supervisory assistance rendered as needed; and, oversight rendered on a continuum. May be repeated for a total of six credits. Permission of the Department required.

**PSGS 490 ADVANCED DISCOURSES IN POLITICS,  
PHILOSOPHY & ECONOMICS**

Either semester 3 hours

In depth analysis of national level politics and economics is a primary focus of this course. Offered on demand.

**PSGS 491 SELECTED TOPICS**

Either semester 1-3 hours

Topics in politics and/or government to meet the needs and interests of students. May be repeated with different topics. Offered on demand.

**PSGS 492 THE PRESIDENTIAL CABINET**

First semester 3 hours

The history and evolution of the U.S. President's Cabinet sets the stage for sitting at the most powerful table in the world. Students will shadow the President and his cabinet by choosing to role play the President, the Vice President, or a current cabinet member. Preparation for taking a place at the President's table will include study of the selected person's background, rise to prominence, and the contribution such a person is making to U.S. policy. Students will report on a regular basis. Offered alternate years.

**PSGS 494 STRATEGY & TACTICS IN AMERICAN  
POLITICS-PRESIDENTIAL**

Either semester 3 hours

Designed to examine the conduct of political campaigns, as they are unfolding in the initial months of a final election year on the national level. The military origins of strategy and tactics may be studied and then applied to the current election year's political campaigning. Offered on demand.

**PSGS 499 THE AMERICAN NATIONAL ELECTION-  
PRESIDENTIAL**

Either semester 3 hours

The natural corollary to PSGS 494 is designed to follow sequentially "Strategy & Tactics in American Politics." The final campaign push of the major parties is examined in anticipation of Election Day. The immediate aftermath of the election, to include the positioning and selecting of candidates for various cabinet positions in the newly elected administration and the initial restructuring of the opposition party, will be the post-election focus. Offered on demand.

**PSYCHOLOGY**

**PSY 111 GENERAL PSYCHOLOGY**

Each semester 3 hours

Introduction to the general field of psychology. Emphasizes concepts helpful for understanding contemporary psychology and those basic to further study.

**PSY 228 DATING, MARRIAGE, & FAMILY LIFE**

Each semester 3 hours

A study of marriage and the family, including dating, partner-choice, premarital and biblical roles, communication, and conflict management. A variety of integrative texts are used to communicate relevant research findings and the biblical perspective.

**PSY 291 SELECTED TOPICS IN PSYCHOLOGY**

Either semester 1-3 hours

Selected studies in psychology based on student interest. May be repeated with different topics. Offered on demand.

**PSY 231 INTRODUCTION TO CHRISTIAN SOUL CARE**

Second semester 3 hours

An introductory course outlining the theory, history, and techniques of Christian soul care, mentoring, and directing from a Biblical, experimental, and psychological perspective. This course further examines the interpersonal relationships between caregiver, care receiver, and the Holy Spirit, as well as how this ministry has been exercised in major branches of the Christian Church.

**PSY 321 CHILDHOOD GROWTH AND DEVELOPMENT**

Either semester 3 hours

Processes of development from the embryo through the adolescent years with emphasis on significant maturational stages; an introduction to research in the field, to observational procedures and terminology. Offered on demand.

**PSY 322 RESEARCH DESIGN AND METHODOLOGY**

First semester 3 hours

Introduction to research design and methodology. Focus is primarily on quantitative methods. Includes the writing of a review of literature project. Offered alternate years.

**PSY 325 PERSONALITY THEORY**

Second semester 3 hours

A study of the psychology of personal adjustment with emphasis upon the various theories of personality and how they organize the human psyche.

**PSY 327 METHODS AND MODELS OF INTEGRATION**

Second semester 3 hours

A study of several approaches Christian psychologists have used for integrating Christianity and psychology. Emphasis on approaches which deal effectively with both theology and psychology. Includes implications for academic psychology and counseling.

**PSY 328 SOUL CARE COUNSELING**

Second semester 3 hours

This course gives an introduction to the specific ministry of soul care counseling. Theory and interventions for various types of

crises such as grief/loss, substance abuse, violence in schools and workplace, physical and sexual abuse, suicide, and homicide situations are taught and practiced within the framework of soul care counseling. Theological and faith issues such as theodicy during crisis events are examined

### **PSY 330 LIFE-SPAN DEVELOPMENT**

Each semester 3 hours

This course is designed to provide a general overview of the developmental process in humans from conception through death. Included is attention to examination of the major theoretical perspectives related to the physical, mental, emotional, spiritual/moral, social, and vocational development in people over the lifespan.

### **PSY 331 PHYSIOLOGICAL PSYCHOLOGY**

First semester 3 hours

An explanation of the interaction and influence of the mind and body upon one another. Topics include the sense organs, nervous system, endocrine system, immune functioning, sleep disorders, and biological causes for mental illness. Offered alternate years. Prerequisite: BIO 210.

### **PSY 332 ADOLESCENT PSYCHOLOGY**

Second semester 3 hours

A study of the adolescent years of growth with emphasis on character, discipline, security, and cognitive development. Focus is on adolescent struggles and needs, the influence of peer groups, culture, family, and special attention to understanding and counseling young people. Offered on demand.

### **PSY 334 SOCIAL PSYCHOLOGY**

Each semester 3 hours

A survey of theories and findings concerning social influences on human behavior. Includes such topics as attitude change, prejudice, effects of the presence of others, conformity, and forming impressions of others.

### **PSY 337 PROFESSIONAL APPLICATIONS IN PSYCHOLOGY**

First semester 1 hour

This course introduces students to the various options of careers and graduate training in the major of psychology. It also aids them in planning for application or admittance to various programs. It aids students in preparing for their senior year as a psychology major and for taking the ETS competency test in the major.

### **PSY 343 SPORT PSYCHOLOGY**

Second semester 3 hours

This course provides the student with a practical approach to the application of the principles of psychology in sport and exercise settings. Emphasis is on personality, attention, anxiety, motivation, aggression, team cohesion, cognitive-behavioral interventions, and strategies for performance enhancement. Cross-listed as EHS 343. Prerequisite: PSY 111.

### **PSY 422 PSYCHOLOGY OF CHRISTIAN SPIRITUALITY**

Second semester 3 hours

An introductory study of the psychological phenomena of

spirituality in both individuals and groups. The course will examine the psycho-spiritual focus of soul care in the development of one's personality that affects the whole person. Readings in ancient and modern texts in the care of souls will be discussed. Offered alternate years.

### **PSY 424 ABNORMAL PSYCHOLOGY**

First semester 3 hours

A study of disorganized personalities. Emphasis on a descriptive classification of the various behavior disorders using the current classification procedures. Investigation of therapy techniques for the various disorders.

### **PSY 426 GENDER & SEXUALITY**

Second semester 3 hours

The purpose of this course is to explore, from a biblical and psychological perspective, the topic of human sexuality. Included in that study are differences between the sexes (relational, cognitive, and emotional), image-bearing and sexuality, gender identity, sexual expressions before and after marriage, and issues of same-sex attraction and sexual orientation. The instructor will take a redemptive approach to the topic of sexuality. Offered alternate years.

### **PSY 428 GROUP DYNAMICS**

Second semester 3 hours

A study of the function, types, and dynamics of groups in counseling. Covers leadership issues and ethical principles of working with groups. Half of the course is an on-going group experience. Offered on demand. Permission of instructor required.

### **PSY 429 COUNSELING THEORIES**

Second semester 3 hours

A study of the major secular theories of counseling. Highlights various principles and techniques used in the more popular approaches. Study of how counselees get in and out of dysfunction.

### **PSY 430 ADVANCED GROUP LEADERSHIP**

Second semester 3 hours

Primarily an experiential learning activity of co-leading a group with the instructor. Leadership qualities and content are highlighted with practical, hands-on experiences by the student. Permission of instructor required. Offered on demand.

### **PSY 431 GROUP EXPERIENCE IN SOUL CARE**

First semester 3 hours

Provides an opportunity to experience a therapeutic group environment that will explore and foster individual holistic growth into Christ-likeness. Emphasis will be on the spirituality of persons within a therapeutic community. Theory and techniques of group soul care will be taught. This course is to be formational and experiential. Offered alternate years.

### **PSY 432 HISTORY AND SYSTEMS OF PSYCHOLOGY**

First semester 3 hours

A study of the history of psychology with emphasis on the philosophical and scientific ideas which provide the basis of contemporary psychology. Offered alternate years.

**PSY 449 COUNSELING TECHNIQUES**

Second semester 3 hours

Basic helping skills such as reflective listening, rapport building and developing empathy will be covered. Students will be confronted with case studies and role plays to apply various techniques in the counseling process. Emphasis is on active student learning, and this course is taught in a seminar type format.

**PSY 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**PSY 472 PSYCHOLOGY PRACTICUM**

First semester 2-6 hours

The establishment and performance of a working experience in a non-clinical setting related to psychology. Includes on-site supervision and assignments directed by the instructor. May be repeated for a total of six credits. Open to Psychology majors only. Permission of the instructor required.

**PSY 473 ADVANCED RESEARCH IN PSYCHOLOGY**

Each semester 2-6 hours

The planning, implementing, and writing of a paper based on the student's own research project, as well as assisting with *Research Design and Methodology*. Permission of the instructor required. Offered on demand.

**PSY 475 TEACHING ASSISTANTSHIP**

Each semester 1-3 hours

This course is designed to give students an opportunity to gain teaching skills in an applied setting by working with a professor inside and outside the classroom. The course may be taken for 1-3 hours credit. However, three hours of on-project time per week are required for each credit hour received. For 2 hours credit a student would need to log 90 hours in the 15 weeks. For 3 hours credit it would be 135 hours. Course may be repeated for a total of 6 credits. By application and permission of instructor required.

**PSY 490 SENIOR CAPSTONE EXPERIENCE**

Second semester 3 hours

A capstone course for the psychology major designed to synthesize knowledge and applications gained through major courses completed, address integrative issues, and cover classical psychological knowledge. Includes preparatory information for graduate school. Must be accepted as psychology major.

**PSY 491 SELECTED TOPICS IN PSYCHOLOGY**

Either semester 1-4 hours

Selected studies in advanced psychology; abnormal psychology, counseling, learning theory, systems of psychotherapy, and applied experimental psychology. May be repeated with different topics. Offered on demand.

**SOCIAL SCIENCE****SS 190 SELECTED TOPICS**

Either semester 1-3 hours

May be repeated with different topics. Offered on demand.

**SS 211 SOCIETY, ECONOMICS, AND GOVERNMENT**

First semester 3 hours

A survey course of the institutions of society, economics, and government dealing with the principles and relationships of those institutions.

**SS 390 SELECTED TOPICS**

Either semester 1-3 hours

May be repeated with different topics. Offered on demand.

**SS 470 INDEPENDENT STUDY**

Either semester 1-3 hours

**SPANISH****SPAN 111 ELEMENTARY SPANISH I**

First semester 3 hours

Introductory Spanish course for students with little to no experience in the language. Fundamentals of pronunciation, grammar, conversation, reading and composition. Classes conducted in English and Spanish. Laboratory work required. Not open to native speakers.

**SPAN 112 ELEMENTARY SPANISH II**

Second semester 3 hours

A continuation of SPAN 111. Classes conducted in English and Spanish. Laboratory work required. Prerequisite: SPAN 111 or demonstrated proficiency equivalent, or permission of the Department. Not open to native speakers.

**SPAN 190 SELECTED TOPICS**

Either semester 1-3 hours

May be repeated with different topics. Offered on demand.

**SPAN 211 INTERMEDIATE SPANISH I**

First semester 3 hours

Designed to deepen students' understanding of grammar and to improve conversation, composition and reading comprehension skills in Spanish. Classes conducted primarily in Spanish. Laboratory work required. Prerequisite: SPAN 112 or demonstrated proficiency equivalent, or permission of the Department. Not open to native speakers.

**SPAN 212 INTERMEDIATE SPANISH II**

Second semester 3 hours

Designed to deepen students' understanding of grammar and to improve conversation, composition and reading comprehension skills in Spanish. Classes conducted primarily in Spanish. Laboratory work required. Prerequisite: SPAN 211 or demonstrated proficiency equivalent, or permission of the Department. Not open to native speakers.

## THEATRE

### **THT 111 INTRODUCTION TO THEATRE**

Each semester 3 hours

An introduction to theatre as an art form directed toward appreciation of the dramatic experience as a whole. Analysis of significant representative plays from outstanding periods of theatre history. Discussion of the play script, performance practitioners, and artistic collaborators. Offered as needed.

### **THT 161 THEATRE PRACTICUM**

Each semester 1 hour

This course provides hands on experience in all phases of theatrical production: acting, assistant directing, stage management, makeup, costumes, set design and construction, business practices, lighting, sound, and properties. It is open to all students who are interested in working on the production staff of a college play. This course may be taken four times for credit. Instructor permission required. Graded on a pass/fail basis.

### **THT 220 ORAL INTERPRETATION**

Second semester 3 hours

A basic course aimed at developing understanding and appreciation of prose, poetry, and drama; and at developing effective means of oral interpretation through imagery, mood, and theme.

### **THT 231 INTERMEDIATE THEATRE PRACTICUM**

Each semester 1 hour

Experience in the practical aspects of play production. Requires a minimum of 45 hours as a technical crew head or assistant director for a school production. Open only to sophomore and junior Theatre or Music: Musical Theatre majors. Graded on a pass/fail basis. May be taken twice for credit. Prerequisite: Two credits of THT 161.

### **THT 234 STAGECRAFT**

Either semester 3 hours

A survey of the practice and principles of set, lighting, properties, and design in theatre production.

### **THT 235 ACTING: TECHNIQUES**

Either semester 3 hours

A study of the principle theories and methods of acting, balanced with practice of stage movement and voice. This course considers principles of physical and emotional response on stage. Particular attention paid to the Meisner and Chekhov techniques.

### **THT 237 MUSICAL THEATRE**

Either semester 3 hours

An introduction to the nature and history of American musical theatre from its early influences to contemporary productions. Emphasis on the development of the genre, significant works, people, and issues. Cross-listed as MUS 237.

### **THT 331 ADVANCED THEATRE PRACTICUM**

Each semester 1 hour

Experience in the practical aspects of play production. Requires a minimum of 45 hours in a leadership position as a technical crew head or assistant director for a school production.

May also serve as a teaching assistant or director/designer of student led production. It is open only to students who have successfully completed a course in stagecraft (for technical crew chief), directing (for assistant director), acting (for a lead in a production), or other technical course work for other areas. Permission of the instructor is required. Open only to junior or senior Theatre or Music: Musical Theatre majors. May be taken twice for credit. Prerequisite: THT 231.

### **THT 335 ACTING: SCENE STUDY**

Either semester 3 hours

The study and practice of characterization in theatre production. Emphasis is on the development of character through script analysis and performance.

### **THT 336 DIRECTING FOR THE STAGE**

Either semester 3 hours

A practical study of methods used in the direction of dramatic presentations. Includes directing a public performance. Offered on demand. Permission of the instructor required.

### **THT 337 STAGE MAKEUP AND DESIGN**

Either semester 3 hours

A practical study of methods used in the design and execution of stage makeup for the theatre. Offered on demand.

### **THT 338 STAGE COSTUME AND DESIGN**

Either semester 3 hours

A practical study of methods used in the design and execution of stage costume for the theatre. Offered on demand.

### **THT 431 DRAMATIC LITERATURE AND CRITICISM**

Either semester 3 hours

A critical study of the literary genre of drama. Offered on demand.

### **THT 432 ELIZABETHAN THEATRE**

Either semester 3 hours

An investigation into the Elizabethan world of theatre. Particular attention will be paid to William Shakespeare: his life, works, contemporaries, and influence on the theatre of his time.

### **THT 433 LONDON THEATRE TOUR**

Second semester 3 hours

A travel experience to London, England. Attendance at London theatre performances, Shakespearean performance, theatre museums, and destinations of interest to the theatre student. Travel is usually during semester breaks. Additional costs for trip expenses. Offered alternate years.

### **THT 435 MUSICAL THEATRE SHOWCASE**

First semester 1 hour

A practical seminar in the development, construction, and performance of a musical theatre showcase. Emphasis will be placed on the development of a theme, selection of materials and creative process of production techniques. Course will culminate in a public performance of the final showcase. Open only to seniors in the Musical Theatre option or Theatre majors.

**THT 490 SELECTED TOPICS**

Either semester 1-3 hours

Selected topics in advanced areas of theatre studies. May be repeated with different topics. Offered based on student interest and instructor availability.

**THT 491 SENIOR SEMINAR IN THEATRE**

First semester 1 hour

A capstone course in Theatre designed to synthesize knowledge and applications gained through major courses completed. The course is designed to review previous information and to integrate it effectively into a biblical worldview in preparation for a professional career or graduate study. Open only to seniors in the Theatre major or Musical Theatre option.

# **BRYAN COLLEGE ONLINE**

**BRYAN COLLEGE ONLINE**  
**UNDERGRADUATE PROGRAMS**

## Welcome from Bryan College Online

I am thrilled to welcome you to Bryan College Online. We understand how important education is to you and your future. Thank you for your interest in Bryan College. We want to help you take significant steps toward your potential. You have the opportunity to further develop both your professional and personal networks, by learning concepts that are immediately applicable to your work and your field of study. These will not only contribute to you becoming a life-long learner, but also assist you in enhancing your work, your organizations, society and your work-life balance.

At Bryan College, we make every attempt to maintain a professional and collegial learning environment. The non-traditional classroom, whether online or onsite, thrives on the synergy of the participants. Your ideas, experiences, and contributions are what make non-traditional learning so applicable. We have selected Isaiah 41:10 as the theme verse for Bryan College Online. This verse captures the spirit of the non-traditional learning process at Bryan College.

Feel free to ask questions at every step of the process. I know that your life will be enriched by taking this important step towards your future.

Adina Scruggs, D.B.A.

### **Theme Verse**

*Do not fear, for I am with you; Do not anxiously look about you, for I am your God. I will strengthen you, surely I will help you, surely, I will uphold you with My righteous right hand.*

Isaiah 41:10

# Degrees Offered

## Bryan College Online

### Undergraduate

#### *Associate Degrees*

Business (A.S.)

Interdisciplinary Studies (A.S.)

#### *Bachelor Degrees*

Applied Psychology (B.S.)

Business Administration (B.B.A.)

Business Administration - Healthcare Management Option (B.B.A.)

Business Administration - Human Resource Management Option (B.B.A.)

Business Administration - Leadership Option (B.B.A.)

Criminal Justice (B.S.)

Interdisciplinary Studies (B.S.)

### Graduate

Master of Arts in Christian Ministry (M.A.)

Master of Arts in Christian Ministry - Administration Specialization (M.A.)

Master of Arts in Christian Ministry - Bible Education Specialization (M.A.)

Master of Arts in Human Services – Lifespan Development Specialization (M.A.)

Master of Business Administration (M.B.A.)

Master of Business Administration - Healthcare Administration Specialization (M.B.A.)

Master of Business Administration - Human Resource Specialization (M.B.A.)

Master of Business Administration - Marketing Specialization (M.B.A.)

Master of Business Administration - Ministry Specialization (M.B.A.)

Master of Business Administration - Sports Management Specialization (M.B.A.)

Master of Education - Classroom Instruction Specialization (M.Ed.)

Master of Education - Child & Family Studies Specialization (M.Ed.)

Master of Education - Christian School Administration Specialization (M.Ed.)

## **Admission Requirements**

### **Undergraduate Programs**

Students desiring to pursue a degree from Bryan College must first apply for admission to Bryan College. Submitting an application for admission, along with the application fee, and all official transcripts will begin the process of evaluation and review for admission as a degree seeking student.

The requirements for admission at the associate's or bachelor's levels include:

1. High school diploma or equivalency.
2. Completion of the application form and payment of the \$35 application fee.
3. Official transcripts from all schools, including high school, colleges and universities previously attended. (Note: High School transcript is not required if student has at least 12 hours of acceptable transfer credit.) Exceptions may be made for closed institutions or other extenuating circumstances. Requests for exception must be submitted in writing to the Director of Enrollment.
4. Transfer students are expected to have at least a cumulative GPA of 2.0 or higher in college work.
5. Students planning to use veterans' benefits are required to submit official transcripts from all previously attended institutions.

### ***Conditional Admission***

Applicants not meeting these requirements may be given consideration for *conditional admission*. Conditional admission is reserved for prospective students that may not meet all requirements for full admission but demonstrate potential for success in the program. Students admitted on condition must earn a minimum of a 2.0 cumulative gpa in the first term (6 credit hours) before he/she can be registered for the second term. If conditions of admission are not met, the student will be dismissed. Further stipulations may be outlined in the acceptance letter.

### ***Entering Catalog***

The Academic Catalog which is current during the first term the student is enrolled and attending as a degree-seeking student contains the academic program requirements that the student is to follow. That catalog will remain open to the student as long as the student maintains continuous enrollment including the summer terms (up to five years) until the student either graduates or does not re-enroll for one or more terms. After a break in enrollment the student would need to apply for re-admission and return under the current academic catalog.

### ***Transfer of Credit***

Each student's transcript is evaluated as part of the admission process. Credits will normally be accepted in transfer from regionally accredited colleges for college level coursework (remedial/developmental courses are not transferred) in which a minimum grade of C- (or equivalent) has been earned. No more than 12 hours of repeatable coursework in a discipline or field of study will be accepted in transfer. Only credit hours are transferred and such hours are not included in the calculation of a student's GPA.

Credits from schools which are not regionally accredited or which hold specialty/national accreditation are transferred at the option of the College. Industrial, technological, and/or vocational courses normally are not transferable. Credit beyond what is needed for the degree is not transferred.

Students who have post-secondary transcripts from schools outside of the United States that may apply toward a degree at Bryan are responsible for submitting those records to an agency that is approved by the National Association of Credential Evaluation Services (NACES) that will evaluate and translate the documents. The cost for this service is the responsibility of the student. Bryan College will need *official* transcripts in addition to the evaluation/translation.

All students should be aware that transfer of credit is always the responsibility of the *receiving* institution. If any student is interested in transferring credit hours from Bryan College to another institution, it is up to the student to check with that institution about their transfer credit policies and to determine what may possibly be transferred.

### ***Associate's Programs***

The College will accept credit by transfer for an Associate's program which satisfies general education required courses or specific courses required for the major, up to 30 hours. Please note that students must complete a minimum of 30 hours at Bryan College (a minimum of 15 hours must be in the major) in order to earn an associate's degree from Bryan College. A student should contact their Academic Advisor if already completed coursework seems the same as a course (or courses) within the program. The exemption of any program requirements will need to be determined during the admissions process prior to enrollment.

### ***Bachelor's Programs***

The College will accept credit by transfer which is applicable toward general education requirements and elective credit, up to 88 semester hours (but no more than 76 hours will be accepted from two year colleges). Elective credit beyond that required to meet the 124 semester hour minimum will not be transferred. No more than six semester hours of transfer credit will be applied toward major requirements. Please note that students must complete a minimum of 31 hours at Bryan College in order to earn a bachelor's degree from Bryan College. The exemption of any major requirements will need to be determined during the admissions process prior to enrollment.

### ***Visiting Students***

Students who want to enroll in one or more courses but not pursue a degree from Bryan College must submit an application as a non-degree seeking student. Some courses may require additional documentation of satisfactory GPA and/or completed prerequisites. Enrollment under this condition is limited to one semester or 18 credit hours.

### ***Transient Students***

Students who are enrolled in another college or university and do not plan to transfer to Bryan College in order to earn a degree must submit an application and may enroll as transient students. Enrollment under this condition is limited to one semester or 18 credit hours. It is the student's responsibility to communicate with the home institution regarding the transfer of credit from Bryan College.

### ***Articulation Agreement with Tennessee's Public Community Colleges***

Bryan College Online accepts the Board of Regents approved transfer associate degree from public community colleges in the state of Tennessee. Students earning these degrees are granted 60 semester credits and junior standing upon admission to Bryan College Online. Students planning to transfer to Bryan should carefully choose their core curriculum/general education courses in consultation with both their community college adviser and Bryan College in order to ensure the best selections are made in light of their intended four-year major. Students desiring to earn credit through non-traditional means should consult Bryan policies as well. Students should contact a Bryan Admissions Counselor for additional information regarding needed coursework specific to the planned four-

year major. All courses in the student's major must have a grade of C- or higher.

Additionally, Bryan College Online participates in the Tennessee Transfer Pathway for Business Administration and Applied Psychology. Please refer to [www.tntransferpathway.org](http://www.tntransferpathway.org) for more information.

## **Graduation Requirements**

### **Undergraduate Programs**

#### ***Application for Graduation***

All candidates for undergraduate degrees are required to complete an Application for Graduation form and submit it to their Academic Advisor well in advance of the anticipated graduation date. Normally, by February 1 for May graduation, June 1 for August graduation, September 1 for December graduation. No student will be placed on the prospective graduation list until this application is on file in the Registrar's Office. The graduation fee (see "Graduation Fee" under Financial Information) should be submitted at least two weeks prior to the anticipated graduation date. The graduation fee must be paid, whether the graduate participates in commencement activities or not.

There are three possible conferral dates each year (early May, late August and mid-December). There are two commencement ceremonies each calendar year; early May and mid-December. All grades must be posted and all official transcripts on file by the Monday prior to graduation.

#### ***Commencement Participation***

All students eligible for graduation are encouraged to participate in commencement exercises held in May and December, *following* the completion of the program of instruction and the completion of all graduation requirements.

Since there is no ceremony in August students with one or two courses (a maximum of seven credits) outstanding may participate as *candidates* for graduation in the May ceremony provided they are registered at Bryan College for the outstanding courses (the seven hour limit would include courses which are in progress) and have an approved plan to complete their program by August 31 of the same year. Students engaged in the Credit for Prior Learning Process do not qualify for this exception. In order to participate in the December commencement ceremony all requirements must be completed. In no case, may a student participate in two commencement exercises for the same degree.

Associate of Science degree requires the following:

1. Complete a total of 60 semester hours accepted by Bryan College.
2. Complete a minimum of 30 hours of coursework through instruction at Bryan College.
3. A minimum of 15 hours in the major must be taken through instruction at Bryan College. All coursework in the major must be completed with a C- or better.
4. Have a cumulative grade point average of at least 2.0 (on a 4.0 scale).
5. Complete the program of study.
6. Complete the General Education requirements.

Bachelor of Science/Bachelor of Business Administration degrees requires the following:

1. Complete a total of 124 semester hours accepted by Bryan College.

2. Complete a minimum of 31 hours of coursework through instruction at Bryan College.
3. All coursework in the major must be completed with a C- or better.
4. Have a cumulative grade point average of at least 2.0 (on a 4.0 scale).
5. Complete the selected program of study.
6. Complete the 33 hours of General Education requirements.

### ***Graduation with Honors (Bachelor's Programs)***

Upon the recommendation of the faculty, a student who is a candidate for the Bachelor's degree who has completed at least 48 semester hours of graded coursework at Bryan College will graduate with honors as follows:

- *cum laude* for a cumulative grade point average of 3.60 – 3.74
- *magna cum laude* for a cumulative grade point average of 3.75 – 3.89
- *summa cum laude* for a cumulative grade point average of 3.90 – 4.00

## **Programs of Study**

### **Undergraduate Programs**

#### ***Associate of Science***

Bryan College grants the two-year Associate of Science degree.

Courses Required for the Associate of Science:

#### Introductory Course (3 credits):

GS 100 Personal Effectiveness	3 credit hours
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#### General Education requirements (33 credits):

Bible/ Theology/ Christian Thought courses*	6 credit hours
Natural Science course	3 credit hours
Oral Communication course	3 credit hours
ENG 109 College Writing I**	3 credit hours
ENG 110 College Writing II	3 credit hours
History course	3 credit hours
College-level Math course	3 credit hours
Music or Fine Arts course	3 credit hours
Philosophy course	3 credit hours
Psychology or Social Science course	3 credit hours

*\*Transfer Bible courses used to satisfy the general education requirement must be taken at ABHE or CCCU governing member or associate member institutions.*

*\*\*A grade of C- or better must be earned in ENG 109 College Writing I in order to enroll in subsequent terms in the Associate's degree program. Students who do not earn at least a C- or better in ENG 109 will be allowed to complete courses for which they are already registered for in the same term. Students who earn less than a C- in ENG 109 will have one opportunity to repeat the course and must do so before enrolling in any other courses.*

Major Requirements for the A.S. - Business (24 credits):

ACCT 231 Principles of Accounting I	3 credit hours
BUS 111 Introduction to Computer Systems w/ Business Applications	3 credit hours
BUS 121 Introduction to Business	3 credit hours
BUS 220 Global Issues in Business	3 credit hours
ECFN 110 Introduction to Personal Finance	3 credit hours
ECFN 210 Introduction to Economics	3 credit hours
MGT 237 Principles of Management	3 credit hours
MKT 243 Principles of Marketing	3 credit hours

Major Requirements for the A.S. – Interdisciplinary Studies (24 credits):

BUS 111 Introduction to Computer Systems w/ Business Applications	
<u>OR</u> ECFN 110 Introduction to Personal Finance	3 credit hours
ENG 211 Introduction to Literature	3 credit hours
FA 211 Introduction to Fine Arts	3 credit hours
MUS 210 Music Appreciation	3 credit hours
PSY 228 Dating, Marriage, & Family Life	3 credit hours
Major elective (with adviser approval)	3 credit hours
Major elective (with adviser approval)	3 credit hours
Major elective (with adviser approval)	3 credit hours

***Bachelor's Degree Programs***

Through the Applied Psychology, Business Administration, Criminal Justice, and Interdisciplinary Studies programs Bryan College grants the baccalaureate (four-year) degree.

General Education requirements for bachelor's degree programs (33 credits):

1. Written Communication/Composition (6 credit hours)
2. Natural Science (such as biology, chemistry, physical sciences) (3 credit hours)
3. College level Mathematics (3 credit hours)
4. Oral Communication (3 credit hours)
5. Social Science (3 credit hours) – *Applied Psychology students must complete an introductory Psychology course or equivalent.* Social Science would include disciplines such as Sociology, Criminal Justice, Education, Business, Economics, Accounting, Education, Psychology, Politics, and Government.
6. Biblical Studies (6 credit hours) - *Bible courses, in transfer, used to satisfy the general education requirement must be taken at ABHE or CCCU governing member or associate member institutions.*
7. Humanities (9 credit hours) – Humanities courses must come from at least two different disciplines and may be selected from the following: History, English, Literature, Art, Music, Theater, Foreign Language, Philosophy, Communications, or Humanities.

**Applied Psychology major (36 semester hours)**

PSY 228	Dating, Marriage, & Family Life (3)	PSY 334	Social Psychology (3)
PSY 322	Research Design and Methodology (3)	PSY 424	Abnormal Psychology (3)
PSY 325	Personality Theory (3)	PSY 429	Counseling Theories (3)
PSY 327	Methods and Models of Integration (3)	PSY 449	Counseling Techniques (3)
PSY 330	Life-span Development (3)	PSY	Psychology Electives (9)

**Business Administration major (39 semester hours)**

ACCT 231	Principles of Accounting I (3)	ECFN 325	Principles of Finance I (3)
ACCT 232	Principles of Accounting II (3)	ECFN	elective (3)
BUS 326	Legal Environment for Business (3)	MGT 327	Human Resource Management (3)
BUS 448	International Business (3)	MGTA 321	Management and Supervision (3)
BUSA 414	Managerial Marketing (3)	MGTA 449	Strategic Organizational Decision-Making (3)
BUSA 432	Statistics for Quality Management (3)	PHIL 421	Christian Foundations for Business (3)
COMM 434	Organizational Communication (3)		

**Business Administration: *Healthcare Management option* (51 semester hours)**

ACCT 231	Principles of Accounting I (3)	MGT 327	Human Resource Management (3)
ACCT 232	Principles of Accounting II (3)	MGTA 321	Management and Supervision (3)
BUS 326	Legal Environment for Business (3)	<i>MGTA 430 Healthcare Administration (3)</i>	
BUS 448	International Business (3)	<i>MGTA 432 Contemporary Issues in Healthcare Management (3)</i>	
BUSA 414	Managerial Marketing (3)	MGTA 449	Strategic Organizational Decision-Making (3)
BUSA 432	Statistics for Quality Management (3)	PHIL 421	Christian Foundations for Business (3)
COMM 434	Organizational Communication (3)	<i>PHILA 314 Healthcare Ethics (3)</i>	
ECFN 325	Principles of Finance I (3)	<i>PSY 330 Life-span Development (3)</i>	
ECFN	elective (3)		

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**Business Administration: *Human Resource Management option* (51 semester hours)**

ACCT 231	Principles of Accounting I (3)	BUSA 432	Statistics for Quality Management (3)
ACCT 232	Principles of Accounting II (3)	COMM 434	Organizational Communication (3)
BUS 326	Legal Environment for Business (3)	ECFN 325	Principles of Finance I (3)
BUS 448	International Business (3)	ECFN	elective (3)
<i>BUSA 341 Employee Selection (3)</i>		MGT 327	Human Resource Management (3)
<i>BUSA 342 Employee Benefits (3)</i>		MGTA 321	Management and Supervision (3)
<i>BUSA 343 Performance Management (3)</i>		MGTA 449	Strategic Organizational Decision-Making (3)
<i>BUSA 344 Labor Relations &amp; Collective Bargaining (3)</i>		PHIL 421	Christian Foundations for Business (3)
BUSA 414	Managerial Marketing (3)		

**Business Administration: *Leadership option* (51 semester hours)**

ACCT 231	Principles of Accounting I (3)	BUSA 414	Managerial Marketing (3)
ACCT 232	Principles of Accounting II (3)	BUSA 432	Statistics for Quality Management (3)
<i>BUS 310 Team Management (3)</i>		<i>BUSA 440 Strategic Organizational Leadership (3)</i>	
BUS 326	Legal Environment for Business (3)	COMM 434	Organizational Communication (3)
BUS 448	International Business (3)	ECFN 325	Principles of Finance I (3)
<i>BUSA 345 Principles of Leadership (3)</i>		ECFN	elective (3)

MGT 327	Human Resource Management (3)	MGTA 449	Strategic Organizational Decision-Making (3)
MGT 441	<i>Leadership &amp; Managing Change</i> (3)	PHIL 421	Christian Foundations for Business (3)
MGTA 321	Management and Supervision (3)		

**Criminal Justice major** (36 semester hours)

CJUS 221	Introduction to Criminal Justice (3)	PSGS 339	Law and Public Policy (3)
CJUS 249	Public Administration of Criminal Justice (3)	PSGS 421	American Constitutional Law (3)
CJUS 252	Introduction to Forensic Science (3)	Major electives (6) chosen from:	
CJUS 323	Corrections (3)	CJUS electives (300/400 level)	
CJUS 331	Criminal Law and Procedure (3)	PSGS 225 State and Local Government (3)	
CJUS 422	Criminal Investigations (3)	PSGS 349 International Relations (3)	
CJUS 424	Homeland Sec., Intelligence. & Counter Terr. (3)	PSY 325 Personality Theory (3)	
PSGS 230	Jurisprudence (3)		

**Interdisciplinary Studies major** (48 semester hours)

First Area of Study* (6)	Third Area of Study* (15)
First Area of Study – 300/400 level (9)	(Can also be additional coursework from First and/or
Second Area of Study* (6)	Second Areas of Study)
Second Area of Study – 300/400 level (9)	GS 420 Interdisciplinary Portfolio (3)

\* Areas of Study must be approved in consultation with an academic adviser.

***Credit for Prior Learning***

Students in bachelor’s programs may be eligible to earn additional semester hours through submission and evaluation of a Credit for Prior Learning (CPL) Portfolio. This credit may be derived from a number of different sources, including workshops, seminars, self-study, non-credit classes, military, workplace or other training programs, and work experience. Please note that it is the learning from these sources that is evaluated (not experience alone) and may result in credit hours being awarded.

GS 110 *Portfolio Development Workshop* will be offered each term to instruct the student how to prepare a Credit for Prior Learning Portfolio. This course is required for any student who desires to submit a portfolio for assessment. Details on this process may be found on the website at <http://www.bryan.edu/admissions/adult-education/prior-learning/> under the Portfolio Option and Portfolio Handbook information. The portfolio must be submitted within one year of completing the GS 110 *Portfolio Development Workshop* or the student will forfeit the opportunity to earn credit via portfolio.

Any student who has previously completed GS 110 *Portfolio Development Workshop* and is still working on a Credit for Prior Learning portfolio but is not registered for any other courses, will be required to register, as an auditor, for GS 110. The student will incur a per credit hour audit fee. The student may audit the GS 110 course two times.

*Please note that a maximum of 24 semester hours may be earned through a Credit for Prior Learning Portfolio with a total overall maximum of 31 semester hours that can be earned by a combination of Credit for Prior Learning through portfolio, Credit by Examination (see information on Credit by Examination below) and/or military training credit.*

# Academic Policies and Procedures

## *Policy on Catalog Change and Course Schedule*

Although this catalog is intended to give a realistic statement of admissions requirements and procedures, academic policy and practice, the program of instruction, expenses, financial aid programs, etc., Bryan College reserves the right to make alterations as circumstances may require.

## *Course Modality*

Course modality is subject to change at the discretion of the college.

## *Credit by Examination*

Bryan College will grant credit for nationally recognized examinations (such as CLEP, AP, DSST) in addition to the program courses and Credit for Prior Learning (CPL) credits. Students anticipating completing a nationally recognized examination must complete a Petition for Off-Campus Credit form which can be obtained by contacting their Academic Advisor.

## **CLEP Examinations**

Students whose score meets or exceeds the American Council on Education (ACE) recommendations on a CLEP Examination which approximates a course offered at Bryan will receive credit for the number of semester hours listed in the catalog for that course (unless the ACE recommendation is less). The *College Composition Modular with Essay* will be evaluated by a member of the Bryan College English faculty who will determine whether credit will be awarded. Examinations which Bryan accepts include:

<b>CLEP Exam</b>	<b>Bryan Course(s)</b>	<b>Number of credits (note that all are considered lower division)</b>
Accounting, Financial	ACCT 231	3
American Government	PSGS 226	3
Business Law, Introductory	BUS 326	3
Calculus	MATH 122	4
Chemistry	Lecture Elective	6
College Algebra	MATH 115	3
College Composition Modular with Essay	ENG 109	3
College Mathematics	MATH 116	3
Educational Psychology, Introduction to	PSY Elective	3
French Language	Level 1 FREN 111-112 Level 2 FREN 111-211	6 for Level 1 9 for Level 2
German Language	Elective	6 for Level 1 9 for Level 2
Human Growth and Development	PSY 330	3
Information Systems	BUS 111	3
Macroeconomics, Principles of	ECFN 222	3
Management, Principles of	MGT 237	3

<b>CLEP Exam</b>	<b>Bryan Course(s)</b>	<b>Number of credits (note that all are considered lower division)</b>
Marketing, Principles of	MKT 243	3
Microeconomics, Principles of	ECFN 221	3
Pre-calculus	MATH 117	3
Psychology, Introductory	PSY 111	3
Spanish Language	Level 1 SPAN 111-112 Level 2 SPAN 111-211	6 for Level 1 9 for Level 2
Sociology, Introductory	Elective	3

CLEP tests are given at centers located throughout the United States. Detailed information may be obtained from the Office of the Registrar, or from the College-Level Examination Program, ([www.collegeboard.org/clep](http://www.collegeboard.org/clep)), P.O. Box 6600, Princeton, New Jersey 08541. The Bryan College code is 1908.

### **Dantes Standardized Subject Tests (DSST)**

<b>EXAM</b>	<b>EQUATES TO</b>	<b>SCORE</b>	<b>CR</b>	<b>Division</b>
Art of the Western World	FA 211	ACE	3	lower
Astronomy*	PHYS elective	ACE	3	lower
Business Ethics & Society	BUS elective	ACE	3	lower
Business Math	BUS elective or MATH elective	ACE	3	lower
Criminal Justice	CJUS 221	ACE	3	lower
Environmental Science*	BIO 115	ACE	3	lower
Ethics in America	PHIL 315	ACE	3	lower
Foundations of Education	EDUC elective	ACE	3	lower
Fundamentals of College Algebra	MATH 115	ACE	3	lower
Fundamentals of Counseling	PSY 429	ACE	3	lower
General Anthropology	SS elective	ACE	3	lower
Human/Cultural Geography	SS elective	ACE	3	lower
Intro to Business	BUS 121	ACE	3	lower
Intro to Law Enforcement	CJUS elective	ACE	3	lower
Intro to World Religions	CT 220-free elective only	ACE	3	lower
Lifespan Developmental Psych	PSY 330	ACE	3	lower
Personal Finance	ECFN 110	ACE	3	lower
Principles of Physical Science I*	PHYS elective	ACE	3	lower
Principles of Statistics	MATH 211	ACE	3	lower
Substance Abuse	EHS elective	ACE	3	lower

\* Note that Bryan College does not offer stand-alone lab courses. If a lab science course is required, the DSST is not acceptable.

### **Registration**

Students will be registered for courses at least three weeks prior to the start of a course or the term. The term will be made official ten days following the first day of the first course that a student is registered for in the term. Attendance and participation (online participation is defined as one of the following: a quiz attempt, a discussion post, or submission of an assignment) in the first ten days of the first course in a term is required for the term to be made official. Online access to the course and syllabus will be granted seven days prior to the start of the course through BrightSpace. Under normal circumstances, no course will be offered unless there is an enrollment of at least seven persons.

Exceptions must be approved by the Dean of the School of Professional Studies.

### ***Academic Load***

Students will be registered for no more than 18 hours in a term. Students must have a minimum of a 3.0 cumulative gpa to take more than one course at a time. No more than two courses can be taken at the same time. Exceptions must be approved by the Dean of the School of Professional Studies. The minimum full-time load is 12 hours.

### ***Tutorials***

When a particular course is required for graduation and the enrollment is not sufficient to constitute a regular class, arrangements for individual instruction on a tutorial basis may be required by Bryan College or requested by the student. Guidelines for tutorials and application forms are available by contacting the Academic Advisor.

### ***Official Means of Communication***

All enrolled students are issued a Bryan College email account. Students are responsible for monitoring this email account on a regular basis and are responsible for information from Bryan College that is communicated in this way. Emails sent to a student's @bryan.edu account from Bryan College Administration, faculty, and staff are considered official College communication.

### ***Attendance Policies***

Regular weekly attendance is expected throughout the length of each course. Attendance will be reported weekly by the instructor for the purposes of grading submitted work and establishing a final grade for each student.

Census date – the college finalizes enrollment/number of credits/charges

Unofficial – a course or term is not finalized and charges are not locked in

Official – once a student has participated in the first session of the term, all charges for the entire term are locked in and making changes may have financial implications for the student.

Online participation – any one of the following: a quiz attempt, a discussion post, submission of an assignment, or completion of a formal *check-in* assignment.

Onsite participation – student is physically present in the classroom

1. The census date is ten calendar days after the beginning of each session. On the census date if the student has not participated in the course(s) or contacted the Academic Advisor the student will be considered a “no-show”.

a. Unofficial – all unofficial courses will be dropped

b. Official – if a student has not participated the course may be dropped. Financial Aid will likely be impacted and the student will have to declare his/her intent for the remaining courses in the term. Student remains financially responsible for the course(s).

2. Out of Attendance: A student can miss one week of a five week course and remain in the course. If a student is marked absent two or more times during the course, he/she may be withdrawn from the course up through the end of the third week. Following the third week a final grade will be earned.

3. *Voluntarily Withdraw*: A student can voluntarily withdraw from a course and receive a “W” up through the end of the third week of a five week course. Contact the Academic Adviser for more information.

4. Following the third week of a five week course a student will receive a final earned letter grade for the course whether he/she chooses to finish the course or not.

5. If a student is withdrawn for being out of attendance in a course that is in official there will be no refund of tuition. Students determined to be out of attendance, or who voluntarily withdraw, will still be responsible for tuition.

6. Students must notify their Academic Advisor in writing by email should they need to withdraw from a course. A withdrawal form will need to be completed in order to complete the withdrawal process. If a student is withdrawing from the last course in the term a notation regarding this withdrawal will be noted on the official transcript.

7. Students who have not completed financial aid forms and paid tuition for the term by the end of the first course may be administratively withdrawn from term.

8. Full Tuition Refund: There is only one way for students to voluntarily drop and receive a 100% tuition refund for all courses that they are registered for in a term. To receive a 100% refund, students must notify their Academic Advisor in writing via email prior to the official start date of the term. A term is made official when the student has attended and/or participated in the first week of the first course(s) in a term.

For classes which are shorter or longer than the usual five week format the withdrawal policies are prorated accordingly.

There will be no refund of tuition for courses that are dropped, or in which the student withdraws or is withdrawn, when the course or courses are in a term that is official and in progress. Prior to withdrawing from a course or courses, students should contact Financial Services to determine the financial impact withdrawing from a course or courses(s) may have on financial aid and/or billing.

### ***Satisfactory Academic Progress***

Students must demonstrate satisfactory academic progress toward completion of their program of study in order to maintain eligibility for enrolling in classes. The qualitative standard for academic progress requires that students must maintain a cumulative grade point average of 2.0 or higher. Also, see the section on *Student Financial Assistance* regarding maintaining eligibility for financial aid.

### ***Academic Probation***

Should the cumulative grade point average of a student fall below 2.0, the student will be placed on academic probation. Students must earn a minimum of a 2.0 cumulative gpa in the probationary term (6 credit hours) before he/she can be registered for the subsequent term. If conditions of probation are not met, the student will be dismissed. Further stipulations may be outlined in the notification letter.

### ***Academic Dismissal***

A student on probation who fails to remove probationary status as prescribed by the Dean of Professional Studies may be dismissed from the program. Consideration will be given to the student's continuance only if the student has shown sufficient improvement in academic performance during the probationary term to indicate a good probability of success toward graduation. Should a student's grade point average fall to a point where there is no reasonable possibility of bringing it to the level required for

graduation, the student will be dismissed. A student dismissed for academic reasons may apply for re-admission after one year from the date of dismissal, but will be re-admitted only on the approval of the Vice President for Academics and Provost.

Additionally, applicants who knowingly submitting inaccurate, misleading, and/or falsified documents, which would include the omission of information and/or documents, during the admission process would be referred to the Dean or Vice President for Academics & Provost. Such actions would be grounds for dismissal.

### ***Repeating a Course***

Courses taken by a student at Bryan may be repeated in order to improve the grade, subject to availability. A repeated course with the corresponding grade will appear on the student's academic transcript each time the course is attempted, but only the highest grade earned will be used in calculating the student's cumulative grade point average. If the course is repeated at another institution, credit is transferred to Bryan to fulfill graduation requirements, but the grade is not transferred; therefore, no change of GPA occurs. Tuition costs for the repeated class are the responsibility of the student.

Students receiving educational benefits from the Veterans Administration may not repeat a course previously passed solely for the purpose of improving the grade. To qualify for payment from the VA, the repeat must be required for graduation. A third attempt will not be eligible for any financial aid.

### ***Withdrawal from the Program***

To withdraw from the program, students must notify their Academic Advisor by completing a withdrawal form. Prior to withdrawing from the program, students should contact the Financial Services to determine the financial impact withdrawing from the program may have on financial aid and/or billing.

### ***Application for Re-admission Following Withdrawal from the Program***

Should a student desire to re-apply to an undergraduate program following a withdrawal from the program, it is required that he/she submit an application for re-admission. In addition to the application for re-admission, a student must submit a \$50.00 non-refundable re-admission fee, and official transcripts from any school attended since he/she was last enrolled at Bryan College. Re-admission will be based upon a review of all re-admission materials. Should the time between withdrawal and re-admission be such that the program requirements have changed, the student would be admitted under the new requirements and any deficiencies would have to be satisfied. If the student is being considered for conditional re-admission, he/she must submit an essay to outline a plan for success in the program.

### ***Administrative Withdrawal from the Program (non-attendance/participation)***

Should a student miss a minimum of three consecutive class meetings or three consecutive weeks of attendance (in one course or in two courses back to back) with no notification to his/her Academic Advisor and without completing the withdrawal form, that student may be administratively withdrawn from the program. There will be no refund of tuition for courses that are dropped, or in which the student is withdrawn, when the course or courses are in a term that is official and in progress.

### ***Administrative Withdrawal***

Bryan College Online encourages students to reach the highest level of self-discipline and academic excellence. To maintain a professional learning environment, the College reserves the right to withdraw a student from classes at any time during the term. Student withdrawals may be initiated as a result of non-attendance, disruptive or disciplinary issues, or the non-payment of tuition.

### ***Academic Integrity Policy - Honor Code***

*Every student shall be honor bound to refrain from cheating (including plagiarism).*

*Every student shall be honor bound to refrain from stealing.*

*Every student shall be honor bound to refrain from lying.*

*Honor Code:* All students are to abide by the Bryan College honor code included in the Student Handbook or College Catalog. All assignments, quizzes, and exams will be so pledged.

*Plagiarism and Cheating:* Given the Honor Code above, students are expected to submit their own work. All cheating is absolutely prohibited. Students caught cheating will be reported to the Vice President for Academics & Provost, resulting in disciplinary action up to and including failing the course and academic dismissal. The Chicago Manual of Style (2003) states “with all reuse of others’ materials, it is important to identify the original as the source” (p. 136). Even when you use other people’s thoughts or concepts without crediting them as the source you have stolen their intellectual work. It is plagiarism to turn in any previously submitted work without the current professor’s prior written permission; without the prior permission, this will be considered self-plagiarism.

It is not plagiarism to quote material from a book, article, or website as long as the author or source of the material is properly cited. Similarly, it is not plagiarism to copy a chart or a diagram from such a source, as long as the source is clearly credited. It is plagiarism to copy verbatim or closely paraphrase a chart or illustration, or material from any book, article, or website without clearly identifying the source from which it was obtained.

### ***Academic Implications of the Bryan College Honor Code***

The Honor Code is a declaration that the student is performing the required assignments and examinations with full integrity. As a constant reminder of this commitment, when the students sign their names to course work submitted to a professor, the word **pledged** is understood as part of that signature. The signature is an abbreviation for the statement: “On my honor, I pledge that I have neither given nor received help on this work.” The **signature** means that, except where noted or when work is expected to be done jointly, the academic work submitted is that person’s alone. Students who are found to be in violation of the Honor Code will face the following discipline as a minimum:

First Offense — failure of assignment or course (discipline assigned by professor; professor will notify the Dean).

Second Offense — course failure.

Third Offense — suspension from the College (automatic institutional policy).

### ***Transcript of Record***

The registrar keeps on file a permanent record of all credit earned by each student. Transcripts of record are issued only upon receipt of a written request signed by the student in accordance with the Family Educational Rights and Privacy Act. Before an official transcript will be issued, the student's financial obligations at the college must have been met, and there must be no record that the student is in default status on any student loan. A \$6 fee is currently being charged for each official transcript providing it can be reproduced in the normal course of business. Transcripts required in 48 hours or less will be charged \$25.00 plus the cost of speed posting (FedEx or other means). Transcript requests may also be submitted electronically through the National Student Clearinghouse.

### ***End of Course***

Students may view the start and end date of a course that they are registered for in a term through their MyBryan account. Following the end date of a course, assignments will not be accepted unless prior arrangements have been made with the instructor. Final grades will typically be posted within ten days after the end of the course and may be viewed through a student's MyBryan account.

### ***Disability Services***

For students with disabilities (as defined by Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act of 1990), Bryan College takes an individual, holistic approach in providing, as required by law, reasonable accommodations.

Eligible students must formally notify the College of their disability, either at the time of admission and before accommodations are requested at the beginning of each semester. The notification must be in writing, must include appropriate documentation, and must be submitted to the ADA Coordinator. Documentation required (to be obtained by the student at his/her expense) includes a formal evaluation by a physician or a professional who is able to diagnose the student's condition. The student will then meet with the ADA Coordinator to discuss what accommodations may be offered regarding specific needs and services.

Examples of alternative aids that may be appropriate include taped texts, note-takers, interpreters, readers (for test-taking only), additional time for tests, and alternative methods of assessment. The College is not required to supply students with attendants, individually prescribed devices such as hearing aids and wheelchairs, readers for personal use or study, other devices or services of a personal nature, or incompletes / extended semesters. The courts have also ruled that colleges are not required to lower the standards of any program, make fundamental alterations in the essential nature of a program, or assume undue financial or administrative burdens.

The campus ADA Coordinator works under the supervision of the Vice President for Academics & Provost. S/he considers a student's request and documentation and subsequently determines what specific services will be offered by the College. The Coordinator then provides the minimum expectations for accommodations. These accommodations are then provided to the student on a Syllabus Addendum form that student must take to the faculty of each course. A Syllabus Addendum must be completed and on file for each course within the first ten business days of the semester or within ten business days of a diagnosis/approval by the ADA coordinator. Once the basic provisions are deemed acceptable by both the faculty member and the student, the original signed copy must be turned in to the

ADA Coordinator. The student or his/her professor(s) may appeal the decisions by contacting the Chair of the ADA Compliance Committee; s/he will work with the ADA Compliance Committee to determine a resolution for appeals/grievances. For more information, please contact the ADA Coordinator.

### ***Exceptions to Academic Policies and Procedures***

A petition for exception to academic regulations may be made by obtaining a Petition for Academic Exception from the Academic Advisor. The completed form, signed by the student, is then reviewed. Once a decision has been made regarding the exception, the student will be notified by the Academic Advisor. If the student finds the outcome unsatisfactory, the student may appeal the decision. A written response to the second appeal will be communicated to the student within 90 days of the second appeal.

## **Grading Practices and Standards**

### ***Definition of Grades Used***

- The grade of **A** is given for on-time work which fulfills course requirements at a superior level of performance and which manifests outstanding interest, effort, responsibility, and creativity. (A = 4.0 Quality Points; A- = 3.7)
- The grade of **B** is given for work which fulfills course requirements at an above average level of performance, and which manifests above average interest, effort, responsibility, and originality. (B+ = 3.3 Quality Points; B = 3.0; B- = 2.7)
- The grade of **C** is given for work which fulfills course requirements at an average level of performance, and which manifests an adequate interest, effort, responsibility, and improvement. (C+ = 2.3 Quality Points; C = 2.0; C- = 1.7)
- The grade of **D** is given for work which falls short of fulfilling course requirements at an average level of performance, and which manifests a lack of interest, effort, responsibility, or which shows a need for improvement. (D+ = 1.3 Quality Points; D = 1.0; D- = 0.7)
- The grade of **F** indicates failure, carries no credit, and is given for work which fails to meet minimum course requirements. (F = 0.0 Quality Points)
- **W** - Withdrawn from course

The grade of **I**, for incomplete, is given only when extended illness or other emergency circumstances beyond the student's control prevent the student from completing the course requirements. Students who are approved for an incomplete in an undergraduate course are required to complete course work within eight weeks from the last day of the course unless an extension approved by the instructor and the Dean of the School of Professional Studies is granted. After this period, if the student fails to complete the course requirements, the **I** will be changed to an **F** and is recorded on the student's transcript. Requests for an incomplete grade in a course must be submitted in writing to the Academic Advisor prior to the end date of the course.

## ***Grading Scale for Bryan College Online – Undergraduate***

The grading scale used for all undergraduate-level courses is listed below:

A 93% - 100%	C 73% - 75.99%
A- 90% - 92.99%	C- 70% - 72.99%
B+ 86% - 89.99%	D+ 66% - 69.99%
B 83% - 85.99%	D 63% - 65.99%
B- 80% - 82.99%	D- 60% - 62.99%
C+ 76% - 79.99%	F less than 60%

### ***Late Homework***

All assignments must be completed on time. Students should refer to the course syllabus in each course for guidelines and specific information regarding late submissions.

### ***Course Credit***

For information on the content of the courses and credits awarded, see the Program of Study section of this catalog and the course descriptions located at the end of the undergraduate information. **In all of the courses which are part of the major, a grade of C- or better must be earned in order to count toward the degree (unless otherwise noted in the catalog). Courses in which a D or F are earned must be repeated at the student's expense.**

### ***Computation of Grade Point Averages (GPA)***

Grade point averages are computed after a course is completed. A student's GPA is computed only for work taken at Bryan College and is shown in detail on the student's unofficial transcript which is found in MyBryan under *Course History*. GPA computation is also found on the student's official transcript.

### ***Academic Appeals Process-Grades***

If a student believes that a grade in a class is incorrect or that the professor has not graded the work in a responsible manner, he or she has the right to appeal the grade, in writing, within 90 days of the final grade being posted to the student's transcript. The appeal will be heard by the Academic Appeals Committee at their next regular meeting. Appeals made after the 90 day window, inclusive of non-business days and standard college vacation days, will not be considered valid and may not be entertained by the Committee. The decision of the Committee is final and no further appeal is available. Details as to the construction of the appeal letter and its contents can be obtained by contacting your Academic Advisor.

## **Student Services**

When students are accepted into Bryan College Online, they will be assigned an Academic Advisor who provides guidance as they work to complete their degree. Academic Advisors assist with individual matters of scheduling, academic records, and graduation planning. Communication regarding orientation, registration, graduation, etc., will come from the Academic Advisor. Any issues students encounter while they are completing their degree would first be addressed with the Academic Advisor.

### ***Student Complaint Procedure-Academic***

Complaints that cannot be mediated by the instructor of the course in question are submitted in writing for review by the Dean of Professional Studies. Decisions that do not satisfy a student may then be submitted in writing. Student complaints must be submitted within 90 days of the event, and student complaints will be addressed within 120 days of the event.

### ***Technology Information***

Students are required to use computers for several important tasks in this program on a regular basis. First, all students are issued a Bryan College email account, and it is required that students check their Bryan email frequently. Second, all courses make extensive use of a supplemental virtual learning environment called BrightSpace. Students will need stable access to the Internet to use BrightSpace. Weekly course materials, syllabi, and/or online assignments/exams are distributed or administered through BrightSpace.

Students will need a computer with audio speakers, Microsoft Office (Word, Excel, PowerPoint), Adobe Reader, Adobe Shockwave Player (free program install), QuickTime, internet access, printer. Students will be expected to exhibit skills in electronic communication, word processing, document development, internet use, media enhanced presentation, and electronic library research and will receive access to training online tutorial, library resource instruction, and the Academic Success Center.

#### ***Minimum hardware/software requirements:***

The IT department for Bryan College has compiled a list of recommended hardware and software. Students are encouraged to own personal computers that meet these recommended hardware and software guidelines.

*Students can download a free version of Microsoft Office by visiting [portal.office.com](http://portal.office.com) and signing in with the Bryan email and password.*

#### ***Minimum hardware/software requirements***

*A webcam may be required for some courses.*

***Personal Computer:*** Manufactured within the last 6 years; 4+ GB RAM

***Operating system:*** Current version of Microsoft Windows (or no older than the previous two versions) with Microsoft updates applied on a regular basis

#### ***Broadband Internet connection***

***Web browser:*** Current version of Mozilla Firefox or Google Chrome

***Software for PC's:*** Microsoft Word and Excel and a PDF viewer (e.g., Adobe Reader). Other software or browser plugins may be required at the discretion of the instructor in support of course activities or completion.

***Virus Protection Software strongly recommended*** (free programs are available from Microsoft, Avast, AVG, Pandasoft, and others)

***Mac:*** Intel-based system running a version of Mac OS that is supported by Apple (current or no older than the previous two versions) with security updates applied on a regular basis

#### ***Broadband Internet connection***

***Web browser:*** Current version of Mozilla Firefox or Google Chrome

**Software for Macs:** Microsoft Word and Excel, a PDF reader (e.g., built-in Apple Preview or Adobe Reader), other software or browser plugins or may be required at the discretion of the instructor in support of course activities or completion.

**Virus Protection Software strongly recommended** (free programs are available from Sophos, Avast, Avira, AVG, and others)

***For Technical Help with an Online Course***

Please contact your Academic Advisor for assistance with technical issues for an online course. Your request for assistance will be forwarded to the appropriate department.

***For Technical Help with Bryan email or MyBryan Account***

Contact the Bryan IT department at 1-800-277-9522 or by emailing [helpdesk@bryan.edu](mailto:helpdesk@bryan.edu)

# Financial Information

## Undergraduate Programs – Bryan College Online

Provided for planning purposes. Subject to change.

### ***Tuition and Fee Schedule***

Application Fee (Non-refundable. Fee is not covered by financial aid and must be paid in advance) .....	\$35.00
Tuition (per credit hour) .....	\$380.00
Technology fee <i>per term</i> .....	\$65.00
Credit for Prior Learning Fee (bachelor’s programs) per credit hour submitted for assessment	\$115.00
Re-admission fee .....	\$50.00
Graduation fee .....	\$150.00
(This fee is due whether the candidate participates in commencement activities or not.)	
Audit (per credit hour).....	\$75.00

Any unpaid charges may be subject to collection agency costs, attorney fees, or credit bureau reporting. Bryan College retains a security interest in all transcripts, diplomas, letters of recommendation, or grade reports which will not be released until all debts are fully paid.

*NOTE: For information about loans and grants, see the section on Student Financial Assistance.*

### ***Tuition Payment Schedule***

Tuition for each term is due before the first day of class. An email will be sent to your Bryan email address at the time of registration and after financial aid has been applied. Students can review incomplete financial aid documents through their MyBryan account. Course registration may be cancelled if payment is not received in full by the due date for the given term. Pending financial aid may be used to cover a balance.

### ***General Financial Information***

Any obligations, including miscellaneous charges, incurred during the term must be paid before the term concludes. No academic credentials (grade reports, transcripts of record, or diploma) will be issued to the student until all financial obligations are satisfied. Failure to receive a bill does not exempt a student from the timely payment of all charges. All billing information can be reviewed through the student’s MyBryan account or by calling the Financial Services Office at Bryan College.

### ***Credit for Prior Learning***

The Credit for Prior Learning fee is charged for assessment of the portfolio. Portfolio fees will be based on the number of credits requested at the time that the portfolio is submitted for assessment.

### ***Textbooks***

Students are responsible for obtaining textbooks and/or software. While students are free to purchase textbooks from any vendor, textbook information for each course is found on the school’s online bookstore at <http://bookstore.mbsdirect.net/bryan.htm>.

### ***Refund Policy***

A student who withdraws during the first course of the first session of the first term will receive a 100% refund for the remaining hours of the term. A student who attends the first class of the second course of the first term will be liable for the full term's tuition amount. In any term after the first term, students who attend the first class are liable for the full term's tuition amount. Notice of withdrawal must be given to the college in writing by first contacting the Academic Advisor by the applicable deadline as noted above to be eligible for any refund.

Should the student withdraw, drop out, or be expelled from the College prior to the end of a term of enrollment, the student's eligibility for a refund of tuition will be calculated in accordance with federal directives as discussed below.

### ***Pro Rata Refund***

The refund calculation process will be to determine whether the student has received an overpayment for non-institutional costs (i.e. room and board off campus, supplies, transportation, and miscellaneous expenses) for the period of enrollment for which the student has been charged. This pertains to a student who has excess funds on account after all institutional costs were paid and the student requested all or part of the excess funds for personal use. The college will notify the student of any amount the student must return as a repayment.

The refund calculation process is too lengthy to allow examples of every refund possibility to be presented in this discussion. However, Financial Services, upon request, will provide refund examples.

The financial aid office calculates federal financial aid eligibility and Military Tuition Assistance (TA) for students who withdraw, drop out, or are dismissed prior to completing 60.01% of a semester. The federal funds calculation and TA calculation are done independently of one another and are done prior to and apart from the institutional funds calculation. Refund/repayment calculations are based on the percent of earned aid using the following formula:

$$\text{Percent earned} = \frac{\text{\# of days completed up to withdrawal date}}{\text{total days in the semester}}$$

Federal financial aid is returned to the federal government based on the percentage of unearned aid using the following formula: Federal aid to be returned = 100% - % earned. When federal financial aid is returned, the student may owe a balance to the College. The student should contact Financial Services to arrange for balance repayment.

All or part of the refund allocated to the student will be credited to the student's account if the account has a balance due and/or the student owes a repayment of funds issued for non-institutional costs. Any remaining balance due at this point will be treated as follows:

- For a student who withdraws during the first term of enrollment at Bryan College, the total refund amount allocated to the financial aid programs will be applied toward the balance due. Any unpaid charges remaining at this point will be billed to the student.

- For a student who withdraws during a second or subsequent term of enrollment, the total refund amount allocated to the financial aid programs cannot be applied toward the balance due, and the student will be billed for the remaining balance.

A repayment must be allocated in the following order and returned to the appropriate program(s):

1. Federal Pell Grant
2. Tennessee Student Assistance Award
3. Other federal, state, or private aid programs

Once a student's withdrawal date has been established, the refund and repayment (if applicable) amount(s) and allocation(s) will be determined by the Financial Services Office. There are no special procedures required of the student to complete the refund process.

Military Tuition Assistance (TA) is awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. It is the responsibility of the student to inform Bryan College of TA eligibility and provide appropriate documentation for each *course* prior to the start of the term. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded. **Bryan College** will return any unearned TA funds on a proportional basis through at least the 60% portion of the period for which the funds were provided to that member's appropriate service branch. TA funds are earned proportionally during an enrollment period, with unearned funds returned based upon when a student stops attending.

If a service member stops attending due to a military service obligation, and the service member notifies the school of his/her obligation, Bryan College will work with the affected service member to identify solutions that will not result in a student debt for the returned portion.

## Student Financial Assistance

Preparing for a college education requires a great deal of advance planning. To assist you in making appropriate financial preparations, this section presents a number of important topics for your consideration. This information reflects current Bryan College practices; however, regulations and funding for federal and state programs are subject to change and Bryan College administers programs accordingly.

Need is the basic principle of financial aid eligibility and represents the difference between what it costs to attend Bryan College and what the student is expected to pay toward these costs. Need is demonstrated through the information requested on the Free Application for Federal Student Aid (FAFSA). The FAFSA is used to apply for federal and state grants. In addition, a report generated by the FAFSA is used by the College Financial Aid Office to determine eligibility for student loans.

### ***Forms of Financial Assistance***

Listed below are some of the more common forms of financial assistance:

- **Federal Pell Grant.** The Federal Pell Grant provides a foundation for financial assistance. Eligibility is determined through the FAFSA need-analysis process.
- **Tennessee Student Assistance Award (TSAA).** The TSAA is provided by the Tennessee Student Assistance Corporation to Tennessee residents who meet eligibility criteria and who demonstrate financial need based on Federal Pell Grant eligibility. The FAFSA serves as the application for the TSAA and contains state-related questions which must be answered to determine eligibility.
- **Hope Scholarship for Non-Traditional Students.** Students must be TN residents; have adjusted gross income of less than or equal to \$36,000; be 25 years of age or older; have a 2.75 cumulative college GPA after enrolled for 12 hours in the undergraduate program; have not attended college in the past 2 years. The FAFSA serves as the application for the Hope Scholarship.
- **Veterans' Benefits.** Eligibility for these benefits is determined by the Department of Veterans' Affairs. Potentially eligible students should contact their local Veterans' Affairs representative. The regional office that services this area is in St. Louis. Notice: it takes a minimum of 90 days to complete the enrollment process with the Department of Veteran's Affairs. The Office of the Registrar will facilitate the process by certifying the student's enrollment.
- **Employee Reimbursement Program.** Contact your company's Human Resource Office to investigate this source of financial assistance.
- **Federal Supplemental Education Opportunity Grant (FSEOG).** This federal grant program is administered by the College. Need and eligibility is determined by the FAFSA.

### ***Federal Educational Loans***

The following is a description of the loan programs available to students. It is the policy of Bryan College to notify students of eligibility for all loans.

**Federal Stafford Loan** – A Subsidized Stafford Loan is awarded based on financial need and the federal government pays the interest on these loans while the borrower is in school at least half-time. An Unsubsidized Stafford Loan is not awarded based on financial need and interest accrues from the date of disbursement until the final payment. Repayment begins six months after student ceases to be enrolled at least half time. Minimum monthly payment is \$50, but may be more depending on the total amount borrowed. **A Master Promissory Note (MPN) and Entrance Counseling are required.**

Customary length of time to repay loans is 10 years. Deferment or Forbearance of loan repayment may be granted for certain types of conditions/activities. **All loans may be prepaid at any time with no penalty or extra fees.**

## **FEDERAL FINANCIAL AID**

Bryan College participates in the Title IV Federal Financial Aid programs, including grants, work-study and loans. These programs are administered under all applicable federal regulations and guidelines. To explore all potential Federal Aid opportunities visit [www.studentaid.gov](http://www.studentaid.gov).

## **STATE FINANCIAL AID**

Bryan College participates in all applicable scholarship and grant programs administered by the State of Tennessee within the regulations and guidelines set by the State. To explore all potential state aid opportunities visit [www.tn.gov/collegepays](http://www.tn.gov/collegepays).

### ***General Policies***

Financial aid is awarded on an annual basis. Although a student normally may depend on the continuance of aid from year-to-year, renewal is subject to all standards and regulations governing the program. All students must re-apply annually for all forms of financial assistance. No aid is automatically renewed.

Any outside grants or scholarships received by a student must be reported to the Financial Aid Office and may require an adjustment to the student's financial aid package.

### ***Financial Aid Policies***

1. Financial aid is awarded for one academic year, usually for three terms (fall, spring and summer). Aid eligibility is re-evaluated each year, and a new FAFSA must be submitted annually.

2. A financial aid recipient must be accepted for admission, pursuing a qualified degree, have remaining eligibility per program, and enrolled at least half time. The student expense budget, built under federal regulations, will include the cost of tuition, fees, books, and etc.

3. If a student is selected for verification by Bryan College or by the federal processor, additional information may be requested to verify the information listed on the FAFSA. Refusal to submit required documentation could result in the cancellation of financial aid. All forms must be signed and dated and returned before financial aid is awarded.

4. Disbursement of federal funds is contingent upon Congressional appropriation and upon receipt of the funds by Bryan College.

5. A student who accepts student loans as part of a financial aid package must complete other steps before the loan can be credited to the student account. These include, but are not limited to: completion of loan entrance counseling and promissory note.

6. Students should report in writing to the Financial Aid Office any additional aid which he or she receives from outside sources (loans, outside scholarships, etc.).

7. Students who withdraw from the college must notify the Financial Aid Office prior to the time of withdrawal.

8. The Financial Aid Office reserves the right on behalf of the College to review and change an award at any time because of changes in financial situation or academic status, or change of academic program.

### ***Additional Information***

1. It is the student's responsibility to be aware of the Satisfactory Academic Progress Standard.

2. Renewal of financial aid is also dependent on punctual, accurate reapplication and availability of funding sources.

3. When the FAFSA is processed, students will receive a Student Aid Report. This report should be kept with other financial aid papers for reference.

## SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID

Financial Aid recipients must demonstrate through their scholastic records that they are making satisfactory academic progress toward completion of their program(s) of study in order to maintain eligibility for enrolling in classes and receiving any form of federal, state, or College financial assistance. Academic progress for financial aid is measured at the end of each term utilizing the following qualitative and quantitative standards.

### *Qualitative Standards for Financial Aid Eligibility*

This standard measures a student's quality of performance in terms of courses successfully completed (credit hours earned) and Bryan College cumulative grade point average (GPA), as shown below.

<b>Credit Hours Earned</b>	<b>Cumulative GPA</b>
1-26	1.5
27-55	1.75
56 & above	2.0

### *Quantitative Standards for Financial Aid Eligibility*

This standard has two components: maximum time-frame and course completion rate. The maximum time-frame in which a student must complete a program of study cannot exceed 150 percent of the published program length measured in credit hours completed. Example: a student, pursuing a 124 semester hour program would be allowed to attempt a maximum of 186 hours [124 x 150% (1.5)]. The number of hours attempted includes any transfer hours accepted from other institutions that are applied to the student's program of study.

In conjunction with the maximum program length, students must successfully complete (measured as credit hours earned) at least 66.67% of all coursework attempted as they progress through the program of study. This is a cumulative process, which includes transfer hours accepted.

### *Financial Aid Warning*

A student who does not meet satisfactory academic progress standards at the end of a particular term is placed on Financial Aid warning for the following term, during which the student is eligible to receive financial aid. If the student meets the standards at the end of the warning term, the student is removed from Financial Aid Warning status and maintains financial aid eligibility. If the student does not meet the standards at the end of the warning term, the student is placed on Financial Aid Suspension.

### ***Financial Aid Suspension***

A student on Financial Aid Suspension is not eligible for any form of federal, state, or College financial assistance and remains ineligible until satisfactory academic progress standards in Bryan College courses are met.

### ***Financial Aid Appeal Process***

A student who feels that mitigating circumstances existed which adversely affected the student's ability to maintain satisfactory academic progress may submit a written appeal within five business days. The student will be notified in writing of the decision of the appeal hearing. Approval of an appeal places the student on Financial Aid Probation for one term. The student must meet satisfactory academic progress standards by the end of the probationary period (unless an academic plan has been put in place) or be placed on Financial Aid Suspension.

# Course Descriptions

## **ACCT 231 Principles of Accounting I**

**3 semester hours**

An introduction to the concepts and principles involved in the preparation of financial reports for proprietorships and partnerships, including accrual accounting, customer receivables, inventories, plant assets, debt, and equity.

This course is designed to provide the student with a working knowledge of basic financial accounting concepts and an understanding of the economic events represented by the accounting process and financial statements.

## **ACCT 232 Principles of Accounting II**

**3 semester hours**

A continuation of ACCT 231 to include accounting for corporations. Coverage includes stockholder's equity, long-term liabilities, time value of money concepts, statement of cash flows, and financial analysis. It will also include an introduction to cost/managerial accounting, which is the study of internal reporting of accounting data for the purpose of planning and controlling operations, policy making and long-range planning. Areas of study include cost behavior analysis, product costing, cost-volume-profit relationships, relevant costs, budgeting, standard costs, and capital expenditures. Prerequisite: ACCT 231.

## **BIB 115 Biblical Foundations**

**3 semester hours**

This course, designed for students with minimal knowledge of the Bible, will explore basic issues related to the Bible's big story (metanarrative), origin (canonicity), trustworthiness (revelation and inspiration), and proper interpretation and application (hermeneutics). If credit has already been earned for BIB 222 (or equivalent) and/or BIB 224 (or equivalent) this course may not be taken.

## **BIB 222 Old Testament Literature & Interpretation**

**3 semester hours**

This course provides an analysis of the Old Testament as the foundation of the whole Bible. It focuses on the theological, literary, and historical dimensions of the Old Testament text and story; draws theological connections to Jesus and the New Testament; and makes application to modern Christianity, both corporate (church) and personal (spiritual growth).

## **BIB 224 New Testament Literature & Interpretation**

**3 semester hours**

This course provides an analysis of the New Testament as the culmination of the whole Bible. It focuses on the theological, literary, and historical dimensions of the New Testament text; draws theological connections to major figures of the Old Testament and its biblical theological emphases; and it makes application to modern Christianity, both corporate (church) and personal (spiritual growth).

## **BIO 115 Environmental Science**

**3 semester hours**

Environmental Science is an introduction to biological and social issues affecting the environment. Topics include energy resources; land conservation; ecosystem diversity and sustainability; soil, water and air quality management; climate change; and environmental policy. Of special emphasis will be a Christian perspective on responsible stewardship of the earth and its resources.

## **BUS 111 Introduction to Computer Systems with Business Applications**

**3 semester hours**

This course develops the fundamentals of computer usage, specifically addressing processing information and the use of computers from a Christian worldview. Focus will be on the operating system, elementary hardware, and the storage and retrieval of data. It also deals with issues associated with the use of computers in the current information age, including professionalism, software piracy, copyrighted software, ethical standards, and the impact of computers on society. The course will also assist the student in developing proficiency in the application of word processing, spreadsheet, database, and project management software.

**BUS 121 Introduction to Business****3 semester hours**

This course examines the core functions of business, introducing learners to management, accounting, economics, finance and marketing. Through both formal academic and experiential training, learners are encouraged to determine if business is a calling on their life. In addition, this course explores the biblical basis for business, the free market, distinguishes between profit and greed, and establishes a biblical standard for ethical business decision-making.

**BUS 220 Global Issues in Business****3 semester hours**

This course is a study of the principles, theories, and current issues of business in a global environment. The student will learn a systematic, logical way of thinking about the context of conducting business in a global environment and a framework for analyzing business issues. The course involves reading and writing from leading texts, journals, and popular literature in the field of international business as well as considering the companies, institutions, organizations, and individuals impacting the field today.

**BUS 310 Team Management****3 semester hours**

Selected readings will offer students the opportunity to examine current topics and thought related to managing teams in the work environment.

**BUS 326 Legal Environment for Business****3 semester hours**

A study of the American court systems. A detailed examination of the legal rules applying to business transactions, especially those concerning contracts, agency, corporations, and partnerships. Cases used as study media.

**BUS 448 International Business****3 semester hours**

An examination of international organizational structures and managerial processes – cultural, political, economic, and legal environments of global marketing. World market patterns and international trade theory.

**BUSA 341 Employee Selection****3 semester hours**

Development and implementation of effective employee selection programs is a critical component in an organization's success. As part of the process of selection, this course will examine the differences between staffing and selection, recruitment, predictors of job performance, and measurements.

**BUSA 342 Employee Benefits****3 semester hours**

An understanding of employee benefits programs and how they relate to human resource management and total rewards is important for managers who deal with human resource issues on a daily basis. This course will seek to strike a balance between academic thought and practical benefit administration examples providing students with a solid foundation for dealing with employee benefit issues and laws affecting benefits.

**BUSA 343 Performance Management****3 semester hours**

In today's organization it is essential to establish systems and measures that develop motivated and productive employees. This course will explore how to get top employee performance by working toward a cooperative work environment and through goals-focused planning and appraisals.

**BUSA 344 Labor Relations & Collective Bargaining****3 semester hours**

The relationship between management and labor unions has historically played a major role, and continues to do so, in today's business environment. This course will provide an in-depth analysis of this relationship. Topics covered will include labor agreements, collective bargaining, arbitration, and the rights and responsibilities of unions and management.

**BUSA 345 Principles of Leadership****3 semester hours**

The course will prepare students for leadership roles in business, the community and in their professions. Students will gain knowledge about the components that make leadership successful. Theoretical and practical skills necessary for success in both personal and professional lives will be explored. It is intended for students who are interested in gaining a foundation in leadership studies and extended coursework in applied aspects of leadership.

**BUSA 414 Managerial Marketing****3 semester hours**

The importance of marketing is explored through its evolution from the production-focused stage to the sales-oriented stage, and the current customer-oriented paradigm. The implications of market orientation, in which marketing is considered an organization-wide philosophy, are considered, particularly as they impact managerial decisions. Emphasis is placed on the study of product positioning, via place, price, and promotion.

Recommended preparation: MKT 243 Principles of Marketing or equivalent introductory marketing course

**BUSA 432 Statistics for Quality Management****3 semester hours**

An introduction to the basic statistical tools necessary for Total Quality Management (TQM) analysis. Discusses the role of TQM within the organization. Emphasis placed on collection and presentation of data, computation and use of averages, measures of dispersion, statistical inference, hypothesis testing, and regression.

**BUSA 440 Strategic Organizational Leadership****3 semester hours**

This course will provide students the opportunity to further develop their leadership skills as they apply to a variety of business settings. Emphasis will be placed on synthesis, analysis, and application of leadership theories in a variety of simulations and cases as encountered by leaders in today's organizations.

**CJUS 221 Introduction to Criminal Justice****3 semester hours**

An introduction to and overview of the discipline and practice of Criminal Justice, including administrative/management, legal, ethical, and practical aspects.

**CJUS 249 Public Administration of Criminal Justice****3 semester hours**

This course offers an introductory look at the field of Criminal Justice as a subject of Public Administration, the canopy over Politics & Government. Criminal Justice is the system used to enforce the laws established by society; accordingly, the United States system of Criminal Justice is the focus of this course.

**CJUS 252 Introduction to Forensic Science****3 semester hours**

An introduction and overview of forensic science, or the use of scientific data to provide valuable information in criminal cases (such as time of death, cause of death/injury, etc.)

**CJUS 323 Corrections****3 semester hours**

This course is designed to familiarize the student with the criminal correctional (or penal) system in the U.S. It will cover the history, administration, and law of corrections, in the U.S., and occasionally, by comparison, other nation-states.

**CJUS 331 Criminal Law and Procedure****3 semester hours**

An overview of those areas of law which apply most directly to Criminal Justice, including Criminal Law, Criminal Procedure, the Law of Evidence, Juvenile Justice Law, and the Law of Corrections.

**CJUS 422 Criminal Investigations****3 semester hours**

This course will cover essential techniques and procedures for conducting criminal investigations, including processing a crime scene, collecting evidence, and interviewing potential witnesses, suspects, etc. It will also include

an overview of the constitutional/due process requirements for conducting criminal investigations and the management of complex investigations.

**CJUS 424 Homeland Security, Intelligence and Counter-Terrorism** **3 semester hours**

An overview of the field of intelligence gathering, analysis, and use for the purpose of preventing or investigating terrorist activities and other forms of political violence in order to protect the security of the U.S. This includes the structure and operations of the Homeland Security apparatus, analysis of the functions of this apparatus in a Constitutional/Due Process legal system, and the tools for engaging in intelligence analysis.

**COMM 111 Introduction to Communication** **3 semester hours**

A course designed to develop an understanding of the basic principles of speech communication, including public speaking, and proficiency in their use.

**COMM 221 Interpersonal Communication** **3 semester hours**

An analysis of the theories and practice of interpersonal communication patterns including verbal and nonverbal communication, self-disclosure, social power, and interpersonal conflict management.

**COMM 322 Popular Culture & Communication** **3 semester hours**

The course scrutinizes what constitutes culture, and more specifically, popular culture. While giving due consideration to the intersecting of faith and culture, a treatment of varied and specific areas will be exacted. These include: media, music, thought, literature, advertising, fashion and technology.

**COMM 325 Principles of Public Relations** **3 semester hours**

An introduction to the history, theory, and practice of public relations. Includes grant proposal writing, analyses of the methods and process of persuasion, planning promotional strategies, choosing tools for communication, case studies, and a problem-solving approach to promotional writing for organizations.

**COMM 330 Psychology of Communication** **3 semester hours**

This course considers social, cognitive, and biological dimensions of communication. Language serves a mediating role between one's cognitive world and the external world. Attention is given to integrating research in philosophy, cognitive psychology, anthropology, linguistics, and communications. The aim is to increase understanding of the information process, the brain, the mind-body connection and personality types.

**COMM 331 Intercultural Communication** **3 semester hours**

A survey of the opportunities and obstacles in communication. Examines cultural values and encourages students to develop intercultural understanding, attitudes, and performance skills.

**COMM 341 Copyediting and Publication Design** **3 semester hours**

Introduces the fundamentals of editing news copy for publication, including grammar, spelling, style, fact checking, and headline writing. Also teaches the design and construction of functional and attractive pages for publication.

**COMM 434 Organizational Communication** **3 semester hours**

An examination of the flow of messages through networks of independent relationships in a changing organizational environment. Maintains a balance between the study of formal and informal networks of communication.

**CT 114 Introduction to Christian Thought and Apologetics** **3 semester hours**

This is an introductory course in philosophy and Christian apologetics which will introduce and examine issues of faith and reason and their impact on beliefs about man and God. How do we know anything at all? What is Truth?

What is the relationship between science and faith? Different ways to defend beliefs from a Christian perspective will be examined and some cultural analysis and its impact on beliefs will be included.

**ECFN 110 Introduction to Personal Finance**

**3 semester hours**

A study of a personal wealth management from a Christian worldview. Topics covered include personal budgeting, financial planning, tithing, taxes, insurance, investments, giving, managing credit, and retirement planning. Credit cannot be earned for both ECFN 110 and CT 311. Additional course fee required.

**ECFN 210 Introduction to Economics**

**3 semester hours**

This is an introductory course on economic theory. The course consists of two broad segments. Microeconomics analyzes the interactions of individual consumers (households) and producers (firms) in specific markets. Macroeconomics considers the national level, examining the determination of important national variables, such as the level and rate of growth of output (gross domestic product), the rate of inflation, the level of unemployment, flows of imports and exports, and the balance of trade. This course may not be taken if credit has already been earned for Macroeconomics or Microeconomics.

**ECFN 325 Principles of Finance I**

**3 semester hours**

This is the first of a two-semester survey/problem-solving course that presents the basic concepts and tools of contemporary managerial finance, as it relates to business; including the role of managerial finance, the financial market environment, financial statements and ratio analysis, cash flow and financial planning, the time value of money, interest rates, bond and stock valuation, and risk and return. Emphasis is placed on practical financial problem solving using financial formulas, a calculator, and Excel. Prerequisite: ACCT 231.

**ENG 109 College Writing I**

**3 semester hours**

This course focuses on the development of proficiency in writing through peer editing, revision, and instruction by the professor. Students will write a number of essays, one of which involves a short literary work, learning the skills required for a variety of writing modes. Students enrolled in the ENG 109-110 sequence may not enroll in ENG 111. **A grade of C- or better must be earned in order to continue in the Associate's degree program.**

**ENG 110 College Writing II**

**3 semester hours**

Students will learn basic elements of critical thinking and the application of those elements to living in the contemporary world. Assignments include a major research paper on a controversial topic and a critical analysis of a topic originating in a major work of literature. Prerequisite: ENG 109. Students enrolled in the ENG 109-110 sequence may not enroll in ENG 111.

**GS 100 Personal Effectiveness**

**3 semester hours**

Assists students in identifying their own style and developing their ability for personal effectiveness as a student. Students develop mission statements, principles, and goals, in preparation for coursework. Emphasis will be placed on assisting students in developing time-management techniques.

**GS 110 Portfolio Development Workshop**

**2 semester hours**

This course explores techniques for the development of a credit for prior learning portfolio and preparation for completing a degree. Topics covered include graduation requirements, educational goals, testing for credit, Learning Theory, and methods of documenting experiential learning. Graded pass/fail. (Credit earned for GS 110 will not be used in determining Latin honors at graduation).

**GS 420 Interdisciplinary Portfolio**

**3 semester hours**

This course assesses student competency of Interdisciplinary Study areas by creating a portfolio of

accomplishments, learning experiences, and integration of content areas. Additionally, the student will complete an essay synthesizing the information from the chosen disciplines into one cohesive document to be included in the portfolio for assessment.

**HIS 111 History of Western Civilization I**

**3 semester hours**

A survey course studying ancient and medieval Western civilization to 1660 with an emphasis on political, religious, and cultural history. Credit may not be earned for both HIS 111 and HIS 211.

**HIS 112 History of Western Civilization II**

**3 semester hours**

A survey course studying early modern and modern Western civilization from 1660 to the present, with an emphasis on political, religious, and cultural history. Credit may not be earned for both HIS 112 and HIS 212.

**HIS 221 History of the United States I**

**3 semester hours**

A survey course that focuses on the political, military, social, economic, and religious history of the United States from the eve of colonization through Reconstruction.

**HIS 222 History of the United States II**

**3 semester hours**

A survey course that focuses on the political, military, social, economic, and religious history of the United States from Reconstruction to the present.

**MATH 116 Contemporary Mathematics**

**3 semester hours**

Intended for students majoring in liberal arts disciplines not requiring additional study in mathematics. Designed to stimulate mathematical thinking by looking at areas of mathematics not usually encountered in the high school curriculum with an emphasis on their applications in real life. Topics include graph theory, logic, geometry, applications of exponents and logarithms, mathematics of social science, and coding theory.

**MGT 237 Principles of Management**

**3 semester hours**

A survey of management theory and practice with emphasis on the functional and task requirements of management. Specific topics include decision making, time management, planning, organizing, directing, motivating, and controlling.

**MGT 327 Human Resource Management**

**3 semester hours**

This course is an introductory study of the management of employees within an organization. The focus is on the selection, training, placement, promotion, appraisal, pay incentives, and laws affecting personnel management. It also addresses the organization and administration of a personnel department.

**MGT 441 Leadership and Managing Change**

**3 semester hours**

This course explores leadership traits, styles, roles and responsibilities of successful leaders over time. This course seeks to determine the students' individual leadership style and to promote the development of the servant leadership approach modeled by Christ. The course also deals with the practical issues of leading organizations through change and managing the day-to-day aspects of organizational change.

**MGTA 321 Management and Supervision**

**3 semester hours**

An examination of management concepts, resulting in an understanding of the role of professional management, the function of managing, and the skills, knowledge, and attitudes of people in supervisory and managerial positions. Students will utilize case studies and essays to provide insights into the issues, problems, and opportunities affecting management.

**MGTA 430 Healthcare Administration** **3 semester hours**

Techniques of management and leadership are examined. Emphasis is given to an overview of healthcare management and administration in day-to-day public and private sector healthcare systems.

**MGTA 432 Contemporary Issues in Healthcare Management** **3 semester hours**

This is a comprehensive course to allow synthesis and application of concepts to a variety of healthcare topics related to organization and administration in health services.

**MGTA 449 Strategic Organizational Decision Making** **3 semester hours**

This is the capstone course of the organizational management program, developing a comprehensive management perspective, emphasizing a strategic organizational decision-making approach to handling multifunctional business problems, and integrating this discipline with a Christian business ethic.

**MKT 243 Principles of Marketing** **3 semester hours**

An introduction to marketing in relation to the business environment; involves a study from the conception of the idea for a good or service to its utilization by the consumer with emphasis on major decision areas (product, place, price, and promotion) and tools.

**MUS 210 Music Appreciation** **3 semester hours**

An introductory course designed to investigate the nature and role of music. Emphasis on the elements of music, the characteristic styles of major historical periods, and the lives and works of key composers within the Western musical tradition. Not open to music majors.

**PHIL 211 Introduction to Philosophy** **3 semester hours**

A consideration of the basic areas of philosophy, with special attention given to metaphysics (e.g. existence of God), epistemology, and moral philosophies.

**PHIL 421 Christian Foundations for Business** **3 semester hours**

This course examines purposes and implications of business from a Christian perspective including moral, ethical, relational, societal, and vocational dimensions. Topics such as God's design for business as it relates to kingdom and human flourishing as well as the unique value that a Christian perspective offers into the marketplace will be considered.

**PHILA 314 Healthcare Ethics** **3 semester hours**

Ethical theories and personal values are examined through readings and discussion, especially as they relate to healthcare organizations. Emphasis is given to the development of a personal ethic for decision-making in the healthcare environment.

**PSGS 225 State and Local Government** **3 semester hours**

Analysis of the institutions and issues of state and local governments in the U.S., in the context of a federal system. Emphasis will be placed on the various offices, legal powers, and jurisdictions of state and local governments (such as counties, cities, special purpose districts) and their relationships among each other and with the state and/or federal governments.

**PSGS 230 Jurisprudence** **3 semester hours**

Jurisprudence, the science or philosophy, of law, is offered as an introduction to the law for the student interested in law studies, criminal justice, criminology, politics and government, to include the military.

**PSGS 315 Wealth and Justice****3 semester hours**

Using foundational arguments from Scripture, this course will examine the moral, pragmatic, religious and philosophic arguments for democratic capitalism. It will discuss what free enterprise assumes about human nature, society, the means of production, and the possibilities (and limits) of public policy as it relates to human dignity and work, the economy, private property and theft, and—insofar as the Bible offers enduring principles—some of today's most pressing public policy issues.

**PSGS 339 Law and Public Policy****3 semester hours**

Overview of public policy-making procedures as well as substantive analysis of policy specific issues, using the appropriate legal, political, and ethical tools. Broadly, the course will consider the role of government versus the role of the private sector, constitutional and legal decision-making, and the problems of both special interests and public bureaucracies.

**PSGS 349 International Relations****3 semester hours**

Relations between nation states, as they are played out on the international stage, frame this upper level study. The United States and our relations with countries throughout the world are the foci for this course. Current international political and military events and issues will be the launching pads for discussions. Verbal communication is stressed.

**PSGS 421 American Constitutional Law****3 semester hours**

This course offers an in-depth analysis of American law, emphasizing the nature of constitutionalism, methodologies of constitutional and/or legal interpretation; the mechanics of the federal judiciary (especially the Supreme Court); analysis of landmark U.S. Supreme Court decisions involving governmental structure and relationships; as well as civil liberties and civil rights and the political and social background to these judicial decisions.

**PSY 111 General Psychology****3 semester hours**

Introduction to the general field of psychology. Emphasizes concepts helpful for understanding contemporary psychology and those basic to further study.

**PSY 228 Dating, Marriage, & Family Life****3 semester hours**

A study of marriage and the family, including dating, partner-choice, premarital and biblical roles, communication, and conflict management. A variety of integrative texts are used to communicate relevant research findings and the biblical perspective.

**PSY 321 Childhood Growth and Development****3 semester hours**

Processes of development from the embryo through the adolescent years with emphasis on significant maturational stages; an introduction to research in the field, to observational procedures and terminology.

**PSY 322 Research Design and Methodology****3 semester hours**

Introduction to research design and methodology. Focus is primarily on quantitative methods. Includes the development of a research project utilizing the appropriate research methods and statistical analyses.

**PSY 325 Personality Theory****3 semester hours**

A study of the psychology of personal adjustment with emphasis upon the various theories of personality and how they organize the human psyche.

**PSY 327 Methods and Models of Integration** **3 semester hours**

A study of several approaches Christian psychologists have used for integrating Christianity and psychology. Emphasis on approaches which deal effectively with both theology and psychology. Includes implications for academic psychology and counseling.

**PSY 330 Life-span Development** **3 semester hours**

This course is designed to provide a general overview of the developmental process in humans from conception through death. Included is attention to examination of the major theoretical perspectives related to the physical, mental, emotional, spiritual/moral, social, and vocational development in people over the lifespan.

**PSY 332 Adolescent Psychology** **3 semester hours**

A study of the adolescent years of growth with emphasis on character, discipline, security, and cognitive development. Focus is on adolescent struggles and needs, the influence of peer groups, culture, family, and special attention to understanding and counseling young people.

**PSY 334 Social Psychology** **3 semester hours**

A survey of theories and findings concerning social influences on human behavior. Includes such topics as attitude change, prejudice, effects of the presence of others, conformity, and forming impressions of others.

**PSY 343 Sport Psychology** **3 semester hours**

This course provides the student with a practical approach to the application of the principles of psychology in sport and exercise settings. Emphasis is on personality, attention, anxiety, motivation, aggression, team cohesion, cognitive-behavioral interventions, and strategies for performance enhancement. Prerequisite: PSY 111.

**PSY 424 Abnormal Psychology** **3 semester hours**

A study of disorganized personalities. Emphasis on a descriptive classification of the various behavior disorders using the current classification procedures. Investigation of therapy techniques for the various disorders.

**PSY 426 Gender and Sexuality** **3 semester hours**

The purpose of this course is to explore, from a biblical and psychological perspective, the topic of human sexuality. Included in that study are differences between the sexes (relational, cognitive, and emotional), image-bearing and sexuality, gender identity, sexual expressions before and after marriage, and issues of same-sex attraction and sexual orientation. The instructor will take a redemptive approach to the topic of sexuality.

**PSY 429 Counseling Theories** **3 semester hours**

A study of the major secular theories of counseling. Highlights various principles and techniques used in the more popular approaches. Study of how counselees get in and out of dysfunction.

**PSY 432 History and Systems of Psychology** **3 semester hours**

A study of the history of psychology with emphasis on the philosophical and scientific ideas which provide the basis of contemporary psychology.

**PSY 449 Counseling Techniques** **3 semester hours**

Basic helping skills such as reflective listening, rapport building and developing empathy will be covered. Students will be confronted with case studies and role plays to apply various techniques in the counseling process. Emphasis is on active student learning, and this course is taught in a seminar type format.

# **Bryan College Online**

## **Graduate Programs**

# Bryan College Online

## GRADUATE PROGRAMS

### General Admissions Information

#### *Graduate Admissions Requirements*

1. A conferred Bachelor's degree from an accredited institution with a minimum cumulative GPA of 2.75.
2. A completed online application, along with the non-refundable \$50 application fee.
3. Official undergraduate transcript which shows a conferred bachelor's degree and official transcripts for any coursework completed since the undergraduate degree was earned. Exceptions may be made for closed institutions or other extenuating circumstances. Request for exception must be submitted in writing to the Director of Enrollment.
4. Students who have earned degrees outside of the United States are responsible for submitting those records to an agency that is approved by the National Association of Credential Evaluation Services (NACES) that will evaluate and translate the documents. The cost for this service is the responsibility of the student. Bryan College will need *official* transcripts in addition to the evaluation/translation.
5. Students applying for graduate admission must be U.S. Citizens, permanent residents or they must study from their home country. (Bryan College cannot issue paperwork for graduate students to obtain a student (F-1) visa.)
6. Students planning to use veterans' benefits are required to submit official transcripts from all previously attended institutions.

#### Provisional Requirements as applicable:

1. A current resume or curriculum vita (to include information about teacher licensure and teaching experience, CPA, ordination, etc., as applicable to the degree) is recommended.
2. Some applicants may be required to submit a Statement of Intent - In one to two double-spaced pages, applicant should outline personal or career goals and how the master's degree will help attain those goals. The applicant should discuss motivating factors toward his or her current field, desire for an advanced degree, and discuss how completion of the chosen degree will augment in future goals in career, life, ministry, community, etc.

#### *Conditional Admission*

Conditional admission may be given to applicants of graduate programs who do not meet the requirements for clear admission. Conditional status is intended to signal a need for special effort by the student and is not meant to be punitive or demeaning. Students admitted on condition must earn a minimum of a 3.0 cumulative gpa in the first term (6 credit hours) before he/she can be registered for the second term. If conditions of admission are not met, the student will be dismissed. Further stipulations may be outlined in the acceptance letter.

### ***Visiting Students***

Students who desire to enroll but not pursue a degree from Bryan College must submit an application along with a \$50.00 application fee and an official transcript showing that they have completed an undergraduate degree from an accredited institution or have completed at least 88 hours of undergraduate coursework from an accredited institution. Visiting students may take a total of two courses. Students who desire to take more than two courses must apply as degree seeking students. Some courses may require additional documentation of satisfactory GPA and/or completed prerequisites.

### ***Transient Students***

Students who are enrolled in another college or university and do not plan to transfer to Bryan College in order to earn a degree must submit an application and an official transcript showing the conferral of an undergraduate degree. Enrollment under this condition is limited to two courses. It is the student's responsibility to communicate with the home institution regarding the transfer of credit from Bryan College.

### ***Policy on Transfer of Credit***

There will be no awarding of credit for experiential learning, advanced placement, or professional certification. A maximum of 6 credit hours of transfer credit may be accepted for graduate course work completed prior to the first class meeting provided the content of that credit is deemed to be consistent with the course content in Bryan's graduate program. Such transfer credit must be from a regionally accredited institution of graduate study and must be a grade of "B" or better. Each decision regarding acceptance of transfer credit will be handled on a case by case basis during the admissions process.

All students should be aware that transfer of credit is always the responsibility of the *receiving* institution. If any student is interested in transferring credit hours from Bryan College to another institution, it is up to the student to check with that institution about their transfer credit policies and to determine what may possibly be transferred.

## *The Master of Arts in Christian Ministry*

The Master of Arts in Christian Ministry is a 36 credit hour program delivered over approximately 18 months. The curriculum leads students through a continuum of key competencies and outcomes expected of graduates. Strong emphasis on twenty-first century apologetics and worldview issues are present throughout the curriculum, and courses on both topics provide a distinctly Christian framework for the course of study.

### ***Objectives of the Master of Arts in Christian Ministry Program:***

Upon completion of this program each candidate will show evidence of discipline-related knowledge and skills effectively by:

1. Articulate the essentials of the Christian worldview and its major biblical and theological themes.
2. Demonstrate an ability to defend Christianity's claims in our global and pluralistic culture.
3. Apply biblical leadership and vocational principles to personal, church-related, or organizational ministerial settings.
4. Assess the application of biblical material to teaching, spiritual formation, or counseling.

### **Master of Arts in Christian Ministry (36 semester hours)**

CSM 514 Old Testament Issues & Hermeneutics (3)  
CSM 515 New Testament Issues & Hermeneutics (3)  
CSM 519 Systematic Theology (3)  
CSM 522 Christian Worldview-Claims & Challenges (3)  
CSM 526 History of Christianity-Key Figures & Issues (3)  
CSM 537 Vocation of Ministry (3)  
CSM Electives (18)

### **Master of Arts in Christian Ministry-Administration Specialization (36 semester hours)**

CSM 514 Old Testament Issues & Hermeneutics (3)  
CSM 515 New Testament Issues & Hermeneutics (3)  
CSM 519 Systematic Theology (3)  
CSM 522 Christian Worldview-Claims & Challenges (3)  
CSM 537 Vocation of Ministry (3)  
CSM elective (3)  
BUSM 511 Management & Leadership (3)  
BUSM 513 Biblical/Worldview Principles of Management (3)  
BUSM 521 Accounting Information for Management Decisions (3)  
BUSM 525 Managerial Economics (3)  
BUSM 539 Integrated Strategic Management (3)  
BUSM elective (3)

**Master of Arts in Christian Ministry-*Bible Education Specialization* (36 semester hours)**

CSM 514 Old Testament Issues & Hermeneutics (3)

CSM 515 New Testament Issues & Hermeneutics (3)

CSM 519 Systematic Theology (3)

CSM 522 Christian Worldview-Claims & Challenges (3)

CSM 533 Apologetics-Methods & Issues (3)

CSM 541 Bible Teaching-Principles & Practices (3)

CSM elective (3)

EDUC 511 Education in a Pluralistic Society (3)

EDUC 513 Classroom & Behavior Management (3)

EDUC 515 Advanced Educational Psychology (3)

EDUC 526 Assessment & Evaluation for Student Growth (3)

EDUC 528 Design & Implementation of Curriculum (3)

## *The Master of Arts in Human Services*

The Master of Arts in Human Services is a 30 credit hour program delivered over approximately 18 months. The M.A. in Human Services trains students to appreciate and analyze the psychological, social, and spiritual health of individuals, providing a professional path into the growing field of mental and behavioral health. Students will be equipped to help individuals, families, and organizations seek the help and services they need, to the benefit of their community.

### ***Objectives of the M.A. – Human Services Program:***

Upon completion of this program each candidate will show evidence of discipline-related knowledge and skills effectively by:

1. Define the various roles and duties that human services leaders perform while assisting individuals, families, and organizations in the community.
2. Apply effective human services interventions from a Christian worldview in a culturally and contextually relevant manner.
3. Synthesize legal and ethical standards in the application of human services counseling.
4. Acquire and apply will demonstrate skills, knowledge, and awareness of personal values and attitudes to professional practice, leadership, and advocacy in human services.

### **Master of Arts in Human Services-Lifespan Development Specialization (30 semester hours)**

CFS 519 Child Development (3)

CFS 520 Adolescent Development (3)

CFS 522 Family & Community Development (3)

CFS 523 Adult Development & Aging (3)

CFS 524 Practicum in Child & Family Services (3)

HS 512 Introduction to Human Services (3)

HS 516 Multicultural Awareness in Human Services (3)

HS 518 Group Dynamics (3)

HS 536 Christianity & Counseling – Methods & Praxis (3)

Choose ONE from:

BUSM 511 Management & Leadership (3)

BUSM 527 Ethical Issues of Business (3)

BUSM 533 Managing Human Resources (3)

## **Master of Business Administration (MBA)**

The Master of Business Administration is a 36 credit hour program delivered over approximately 18 months. The curriculum leads participants through a continuum of key competencies and outcomes expected of MBA graduates. Business ethics and biblical worldview issues are present throughout the curriculum, and courses on both topics provide a distinctly Christian framework for the course of study.

### ***Objectives of the MBA Program:***

Upon completion of this program each candidate will show evidence of discipline-related knowledge and skills effectively by:

1. Students will develop ethical and moral decision-making skills within a Biblical worldview to manage an organization and its personnel.
2. Students will evidence an ability to employ quantitative and analytical tools in the business and economic environment.
3. Students will show skills in analyzing and acting upon complex financial and accounting data.
4. Students will evidence an understanding of the intricacies of strategic planning.
5. Graduates will be prepared to make significant contributions to organizational problem-solving.

### **Master of Business Administration (36 semester hours)**

BUSM 511 Management and Leadership (3)

BUSM 513 Biblical/ Worldview Principles of Management (3)

BUSM 515 Quantitative Methods for Business (3)

BUSM 517 Legal Framework of Decisions (3)

BUSM 521 Accounting Information for Management Decisions (3)

BUSM 525 Managerial Economics (3)

BUSM 527 Ethical Issues of Business (3)

BUSM 531 Strategic Marketing (3)

BUSM 533 Managing Human Resources (3)

BUSM 536 Financial Management (3)

Choose one:

BUSM 537 Business in a Global Environment (3) *OR*

BUSM 538 Capitalism and its Critics (3)

BUSM 539 Integrated Strategic Management (3)

### **Master of Business Administration: *Healthcare Administration Specialization* (36 semester hours)**

BUSM 511 Management and Leadership (3)

BUSM 513 Biblical/ Worldview Principles of Management (3)

BUSM 525 Managerial Economics (3)

BUSM 531 Strategic Marketing (3)

BUSM 533 Managing Human Resources (3)

Choose one:

BUSM 537 Business in a Global Environment (3) *OR*

BUSM 538 Capitalism and its Critics (3)

BUSM 539 Integrated Strategic Management (3)  
BUSM 541 Healthcare Systems (3)  
BUSM 542 Healthcare Information Management & Technologies (3)  
BUSM 543 Healthcare Operations Management (3)  
BUSM 544 Healthcare Ethics (3)  
BUSM 545 Healthcare Finance (3)

**Master of Business Administration: *Human Resource Specialization* (36 semester hours)**

BUSM 511 Management and Leadership (3)  
BUSM 513 Biblical/ Worldview Principles of Management (3)  
BUSM 521 Accounting Information for Management Decisions (3)  
BUSM 525 Managerial Economics (3)

Choose one:

BUSM 537 Business in a Global Environment (3) *OR*

BUSM 538 Capitalism and its Critics (3)

BUSM 539 Integrated Strategic Management (3)  
BUSM 533 Managing Human Resources (3)  
BUSM 551 Human Resource Development (3)  
BUSM 553 Strategic Compensation Management (3)  
BUSM 555 Managing Organizational Change (3)  
BUSM 557 Employment Law (3)  
BUSM 559 Seminar in Human Resources (3)

**Master of Business Administration: *Marketing Specialization* (36 semester hours)**

BUSM 511 Management and Leadership (3)  
BUSM 513 Biblical/ Worldview Principles of Management (3)  
BUSM 521 Accounting Information for Management Decisions (3)  
BUSM 525 Managerial Economics (3)

Choose one:

BUSM 537 Business in a Global Environment (3) *OR*

BUSM 538 Capitalism and its Critics (3)

BUSM 539 Integrated Strategic Management (3)  
BUSM 531 Strategic Marketing (3)  
BUSM 550 Marketing Research (3)  
BUSM 552 Consumer Behavior (3)  
BUSM 554 Integrated Marketing Communication (3)  
BUSM 556 Global Marketing (3)  
BUSM 558 Seminar in Marketing (3)

**Master of Business Administration: *Ministry Specialization* (36 semester hours)**

BUSM 511 Management and Leadership (3)  
BUSM 513 Biblical/ Worldview Principles of Management (3)  
BUSM 521 Accounting Information for Management Decisions (3)  
BUSM 525 Managerial Economics (3)

BUSM 539 Integrated Strategic Management (3)  
BUSM elective (3)  
CSM 514 Old Testament Issues & Hermeneutics (3)  
CSM 515 New Testament Issues & Hermeneutics (3)  
CSM 519 Systematic Theology (3)  
CSM 522 Christian Worldview-Claims & Challenges (3)  
CSM 537 Vocation of Ministry (3)  
CSM elective (3)

**Master of Business Administration: *Sports Management Specialization* (36 semester hours)**

BUSM 511 Management and Leadership (3)  
BUSM 513 Biblical/ Worldview Principles of Management (3)  
BUSM 521 Accounting Information for Management Decisions (3)  
BUSM 525 Managerial Economics (3)  
BUSM 531 Strategic Marketing (3)  
BUSM 533 Managing Human Resources (3)

Choose one:

BUSM 537 Business in a Global Environment (3) *OR*

BUSM 538 Capitalism and its Critics (3)

BUSM 539 Integrated Strategic Management (3)  
BUSM 546 Leading the Sports Organization (3)  
BUSM 547 Sports Finance (3)  
BUSM 548 Sports Marketing (3)  
BUSM 549 Sports Facility & Event Management (3)

**Graduate Certificates in Business**

The purpose of graduate certificates at Bryan College is to offer students the opportunity to gain a greater depth of knowledge in certain fields of study resulting in a graduate level certificate. Graduate certificates typically include five courses totaling fifteen credit hours. Graduate certificate courses are currently offered online only. Certificates are available in Marketing and Human Resource Management.

***Admission requirements for the Graduate Certificates:***

- bachelor's degree with a minimum of 2.75 GPA on a 4.0 scale
- successful completion of an upper level overview course (in Marketing for Marketing Certificate or Human Resources for Human Resource Certificate)
- completed application
- submit application fee

***Completion of Certificate:***

The Graduate Certificates in either Marketing or Human Resource Management will be issued after completion of all course work and all financial obligations are fulfilled. All appropriate graduate policies and practices at Bryan College will apply to certificate seeking students. Applications for the certificates may be completed and submitted to the Registrar's Office upon completion of the final course and

submission of final grades. Certificate students are not eligible to participate in graduation ceremonies.

Required Courses for the Certificate in Marketing (15 semester hours)	Required Courses for the Certificate in Human Resources (15 semester hours)
BUSM 550 Marketing Research (3) BUSM 552 Consumer Behavior (3) BUSM 554 Integrated Marketing Communication (3) BUSM 556 Global Marketing (3) BUSM 558 Seminar in Marketing (3)	BUSM 551 Human Resource Development (3) BUSM 553 Strategic Compensation Management (3) BUSM 555 Managing Organizational Change (3) BUSM 557 Employment Law (3) BUSM 559 Seminar in Human Resources (3)

***Tuition and Fee Schedule for graduate certificates***

Provided for planning purposes. Subject to change.

Tuition per semester hour .....	\$595.00
Application fee (non-refundable).....	\$50.00
Application for certificate fee .....	\$50.00

Enrollment in graduate certificate programs does not qualify students for financial aid funds.

## **Master of Education (M.Ed.)**

The Master of Education program is a 36 credit hour program that may be completed in approximately 18 months. The aim of the M.Ed. program is to offer advanced training to current teachers in areas related to curriculum development, assessment and evaluation, effective instructional strategies, leadership, and research-based decision making within the context of a Christian worldview. This deliberate approach integrates faith and learning to enhance each participant's ability to impact the students in their classroom in efforts to make a difference in their local community.

### ***Objectives of the M.Ed. Program:***

Upon completion of this program, each candidate will show evidence of being of being a Master Teacher who can demonstrate knowledge and skills in effectively:

1. appreciating diversity within various contexts of individual differences (academic ability, race and ethnicity, gender, and socioeconomic status)
2. implementing best instructional practices in the classroom
3. designing curriculum
4. managing a classroom
5. collaborating with fellow educators
6. applying and conducting research
7. assessing student learning
8. implementing leadership principles within the context of a school setting
9. using technology to enhance instruction in the classroom
10. understanding the legal aspects of schooling
11. applying developmentally appropriate strategies to enhance learning in the classroom

### **Master of Education – *Classroom Instruction Specialization* (36 semester hours)**

EDUC 511 Education in a Pluralistic Society (3)

EDUC 513 Classroom & Behavior Management (3)

EDUC 515 Advanced Educational Psychology (3)

EDUC 517 Teaching Strategies for Student Learning (3)

EDUC 526 Assessment & Evaluation for Student Growth (3)

EDUC 528 Design & Implementation of Curriculum (3)

EDUC 530 Foundations of Special Education (3)

EDUC 532 Cooperative Teaching & Team Processes in Education (3)

EDUC 541 Teachers as Leaders (3)

EDUC 543 Educational Research (3)

EDUC 545 Action Research in Education (6) *OR* Two graduate level EDUC electives (6)

### **Master of Education – *Child & Family Studies Specialization* (36 semester hours)**

CFS 519 Child Development (3)

CFS 520 Adolescent Development (3)

CFS 521 Theory & Research in Family Studies (3)

CFS 522 Family & Community Health (3)

CFS 523 Adult Development & Aging (3)

CFS 524 Practicum in Child & Family Studies (3) *OR* graduate level EDUC or CFS elective (3)  
EDUC 511 Education in a Pluralistic Society (3)  
EDUC 513 Classroom & Behavior Management (3)  
EDUC 515 Advanced Educational Psychology (3)  
EDUC 526 Assessment & Evaluation for Student Growth (3)  
EDUC 530 Foundations of Special Education (3)  
EDUC 543 Educational Research (3)

**Master of Education – *Christian School Administration Specialization* (36 semester hours)**

EDUC 511 Education in a Pluralistic Society (3)  
EDUC 517 Teaching Strategies for Student Learning (3)  
EDUC 526 Assessment & Evaluation for Student Growth (3)  
EDUC 528 Design & Implementation of Curriculum (3)  
EDUC 540 School Culture & Climate (3)  
EDUC 542 School Law (3)

Choose one:

EDUC 532 Cooperative Teaching & Team Processes in Education (3) *OR*  
EDUC 541 Teachers as Leaders (3)

Choose one:

BUSM 511 Management & Leadership (3) *OR*  
BUSM 555 Managing Organizational Change (3)

Choose one:

BUSM 521 Accounting Information for Management Decisions (3) *OR*  
BUSM 536 Financial Management (3)

Choose one:

BUSM 533 Managing Human Resources (3) *OR*  
BUSM 551 Human Resource Development (3)

CSM 522 Christian Worldview-Claims & Challenges (3)  
CSM elective (3)

# Graduation Requirements

## *Graduate Programs*

### ***Graduation Requirements***

1. Complete the required coursework with no less than a 'C' in each class. No more than two "C's" are allowed. Credits used for one graduate degree/graduate program may not also be applied to a second graduate degree/graduate program.
2. Have a cumulative grade point average of at least 3.0 (on a 4.0 scale).
3. Fill out and submit the application for graduation along with the graduation fee.

### ***Time Limits for Completing a Degree***

Students must complete all degree requirements within four years of the date of enrollment in the first class after the student is admitted to the program. A student may petition the Dean of Professional Studies for an extension due to extenuating circumstances.

### ***Application for Graduation***

All candidates for graduate program degrees are required to complete an Application for Graduation and submit it to their Academic Advisor well in advance of the anticipated graduation date. Normally, by February 1 for May graduation, June 1 for August graduation, September 1 for December graduation. No student will be placed on the prospective graduation list until this application is on file in the Registrar's Office. The graduation fee (see "Graduation Fee" under Financial Information) should be submitted at least two weeks prior to the anticipated graduation date. The graduation fee must be paid whether the graduate participates in commencement activities or not.

There are three possible conferral dates each year (early May, late August and mid-December). There are two commencement ceremonies each calendar year; early May and mid-December. All grades must be posted and all official transcripts on file prior to the desired graduation date.

### ***Commencement Participation***

Commencement exercises are held in early May and mid-December. All graduates are encouraged to participate in the commencement activities following the completion of the program of instruction and all graduation requirements. At the graduate level there are no Latin designations for honors.

Since there is no ceremony in August students with one or two courses (a maximum of seven credits) outstanding may participate as *candidates* for graduation in the May ceremony provided they are registered at Bryan College for the outstanding courses (the seven hour limit would include courses which are in progress) and have an approved plan to complete their program by August 31 of the same year. In order to participate in the December commencement ceremony all requirements must be completed. In no case, may a student participate in two commencement exercises for the same degree.

# **Academic Policy and Procedures**

## *Graduate Programs*

### ***Policy on Catalog Changes and Course Schedules***

Although this catalog is intended to give a realistic statement of admissions requirements and procedures, academic policy and practice, the program of instruction, expenses, financial aid programs, etc., the College reserves the right to make alterations as circumstances may require. For topics not addressed in the Graduate Studies section, please refer to the general section of the catalog.

### ***Entering Catalog***

The Academic Catalog which is current during the first term the student is enrolled and attending as a degree-seeking student contains the academic program requirements that the student is to follow. That catalog will remain open to the student as long as the student maintains continuous enrollment including the summer terms (up to four years) until the student either graduates or does not re-enroll for one or more terms. After a break in enrollment the student would need to apply for re-admission and return under the current academic catalog.

### ***Course Modality***

Course modality is subject to change at the discretion of the college.

### ***Registration***

Students will normally be registered for courses at least three weeks prior to the start of a course or the term. The term will be made official ten days following the first day of the first course that a student is registered for in the term. Attendance and participation (online participation is defined as one of the following: a quiz attempt, a discussion post, submission of an assignment or completion of a formal *check-in* assignment) in the first ten days of the first course in a term is required for the term to be made official. Online access to the course and syllabus will be granted seven days prior to the start of the course through BrightSpace. Under normal circumstances, no course will be offered unless there is an enrollment of at least seven persons. Exceptions must be approved by the Dean of the School of Professional Studies.

### ***Academic Load***

A full-time load at the graduate level is considered 6 semester hours during the regular fall and spring terms.

### ***Independent Study***

In certain circumstances, students may request to complete an independent study. Students desiring to do an independent study must obtain approval before classes begin for the term in which the independent study is to be done. A maximum of six credit hours may be earned through independent study. Students who desire to do an independent study should secure complete guidelines and application form from the Office of the Registrar. In addition to the regular tuition cost for the independent study, an administrative charge of \$100 also applies.

## ***Tutorials***

When a particular course is required for graduation and the enrollment is not sufficient to constitute a regular class, arrangements for individual instruction on a tutorial basis may be required by Bryan College or requested by a student. Guidelines for tutorials and application forms are available from the student's Academic Advisor.

## ***Late Work Policy***

At the graduate level, late work will *not* be accepted. Special circumstances (e.g. death in the family, personal health issues) will be reviewed by the instructor of the course and the Dean of Professional Studies on a case-by-case basis.

## ***Official Means of Communication***

All enrolled students are issued a Bryan College email account. Students are responsible for monitoring this email account on a regular basis and are responsible for information from Bryan College that is communicated in this way. Emails sent to a student's @bryan.edu account from Bryan College Administration, faculty, and staff are considered official College communication.

## ***Attendance Policies***

Regular weekly attendance is expected throughout the length of each course. Attendance will be reported weekly by the instructor for the purposes of grading submitted work and establishing a final grade for each student.

Census date – the college finalizes enrollment/number of credits/charges

Unofficial – a course or term is not finalized and charges are not locked in

Official – once a student has participated in the first session of the term, all charges for the entire term are locked in and making changes may have financial implications for the student.

Online participation – any one of the following: a quiz attempt, a discussion post, submission of an assignment, or completion of a formal *check-in* assignment.

Onsite participation – student is physically present in the classroom

1. The census date is ten calendar days after the beginning of each session. On the census date if the student has not participated in the course(s) or contacted the Academic Advisor the student will be considered a “no-show”.

a. Unofficial – all unofficial courses will be dropped

b. Official – if a student has not participated the course may be dropped. Financial Aid will likely be impacted and the student will have to declare his/her intent for the remaining courses in the term. Student remains financially responsible for the course(s).

2. Out of Attendance: A student can miss two weeks of an eight week course and remain in the course. If a student is marked absent four or more times during the course, he/she may be withdrawn from the course up through the end of the fifth week. Following the fifth week a final grade will be earned.

3. *Voluntarily Withdraw*: A student can voluntarily withdraw from a course and receive a “W” up through the end of the fifth week of an eight week course. Contact the Academic Adviser for more information.
4. Following the fifth week of a eight week course a student will receive a final earned letter grade for the course whether he/she chooses to finish the course or not.
5. If a student is withdrawn for being out of attendance in a course that is in official there will be no refund of tuition. Students determined to be out of attendance, or who voluntarily withdraw, will still be responsible for tuition.
6. Students must notify their Academic Adviser in writing by email should they need to withdraw from a course. A withdrawal form will need to be completed in order to complete the withdrawal process. If a student is withdrawing from the last course in the term a notation regarding this withdrawal will be noted on the official transcript.
7. Students who have not completed financial aid forms and paid tuition for the term by the end of the first course may be administratively withdrawn from term.
8. Full Tuition Refund: There is only one way for students to voluntarily drop and receive a 100% tuition refund for all courses that they are registered for in a term. To receive a 100% refund, students must notify their Academic Adviser in writing via email prior to the official start date of the term. A term is made official when the student has attended and/or participated in the first week of the first course(s) in a term.

For classes which are shorter or longer than the usual eight week format the withdrawal policies are prorated accordingly.

There will be no refund of tuition for courses that are dropped, or in which the student withdraws or is withdrawn, when the course or courses are in a term that is official and in progress. Prior to withdrawing from a course or courses, students should contact Financial Services to determine the financial impact withdrawing from a course or courses(s) may have on financial aid and/or billing.

### ***Satisfactory Academic Progress***

Students must demonstrate satisfactory academic progress toward completion of their program of study in order to maintain eligibility for enrolling in classes. The qualitative standard for academic progress requires that students must maintain a cumulative grade point average of 3.0 or higher. Also, see the section on *Student Financial Assistance* regarding maintaining eligibility for financial aid.

### ***Academic Probation***

Should the cumulative grade point average of a student fall below 3.0, the student will be placed on academic probation. Students must earn a minimum of a 3.0 cumulative gpa in the probationary term (6 credit hours) before he/she can be registered for the subsequent term. If conditions of probation are not met, the student will be dismissed. Further stipulations may be outlined in the notification letter.

### ***Academic Dismissal***

A student on probation who fails to remove probationary status as prescribed by the Dean of Professional Studies may be dismissed from the program. Consideration will be given to the student’s continuance only if the student has shown sufficient improvement in academic performance during the probationary term to indicate a good probability of success toward graduation. Should a student’s grade

point average fall to a point where there is no reasonable possibility of bringing it to the level required for graduation, the student will be dismissed. A student dismissed for academic reasons may apply for re-admission after one year from the date of dismissal, but will be re-admitted only on the approval of the Vice President for Academics & Provost.

Additionally, applicants who knowingly submitting inaccurate, misleading, and/or falsified documents, which would include the omission of information and/or documents, during the admission process would be referred to the Dean or Vice President for Academics & Provost. Such actions would be grounds for dismissal.

### ***Withdrawal from the Program***

To withdraw from the program, students must notify their Academic Adviser by completing a withdrawal form. Prior to withdrawing from the program, students should contact the Financial Services to determine the financial impact withdrawing from the program may have on financial aid and/or billing.

### ***Application for Re-admission Following Withdrawal from the Program***

Should a student desire to re-apply to a graduate program following a student-initiated withdrawal from the program, it is required that he/she submit an application for re-admission to that graduate program. In addition to the application for re-admission, the student must also submit a current resume, a \$50.00 non-refundable re-admission fee, and official transcripts from any school attended since he/she was last enrolled in that graduate program. Re-admission will be based upon a review of all re-admission materials. Should the time between withdrawal and re-admission be such that the program requirements have changed, the student would be admitted under the new requirements and any deficiencies would have to be satisfied. If the student is being considered for conditional re-admission, he/she must submit an essay to outline a plan for success in the program.

### ***Administrative Withdrawal from the Program***

Should a student miss a minimum of three consecutive class meetings or three consecutive weeks of attendance (in one course or in two courses back to back) with no notification to the Academic Adviser and without completing the withdrawal form, that student may be administratively withdrawn from the program. Should a student, who has been Administratively Withdrawn from the program, decide at some time to continue the program, it would be necessary to appeal to re-apply to the program. The Admissions Office would assist with that process. Appeals must be approved by the Dean of Professional Studies before the student would be allowed to continue. There will be no refund of tuition for courses that are dropped, or in which the student is withdrawn, when the course or courses are in a term that is official and in progress.

### ***Repeating a Course***

Repeating a course for the purpose of improving a grade is possible. At this level, courses may only be attempted a total of two times. A repeated course with the corresponding grade will appear on the student's academic transcript after the course is completed, but only the highest grade earned will be used in calculating the student's cumulative grade point average. In accordance with the graduation

requirements, no more than two “C’s” are allowed in the 12-course sequence. Tuition costs for the repeated class are the responsibility of the student.

Students receiving educational benefits from the Veterans Administration may not repeat a course previously passed solely for the purpose of improving the grade. To qualify for payment from the VA, the repeat must be required for graduation. A third attempt will not be eligible for any financial aid.

### ***Academic Integrity Policy - Honor Code***

*Every student shall be honor bound to refrain from cheating (including plagiarism).*

*Every student shall be honor bound to refrain from stealing.*

*Every student shall be honor bound to refrain from lying.*

**Honor Code:** All students are to abide by the Bryan College honor code included in the Student Handbook or College Catalog. All assignments, quizzes, and exams will be so pledged.

**Plagiarism and Cheating:** Given the Honor Code above, students are expected to submit their own work. All cheating is absolutely prohibited. Students caught cheating will be reported to the Vice President for Academics & Provost, resulting in disciplinary action up to and including failing the course and academic dismissal. The Chicago Manual of Style (2003) states “with all reuse of others’ materials, it is important to identify the original as the source” (p. 136). Even when you use other people’s thoughts or concepts without crediting them as the source you have stolen their intellectual work. It is plagiarism to turn in any previously submitted work without the current professor’s prior written permission; without the prior permission, this will be considered self-plagiarism.

It is not plagiarism to quote material from a book, article, or website as long as the author or source of the material is properly cited. Similarly, it is not plagiarism to copy a chart or a diagram from such a source, as long as the source is clearly credited. It is plagiarism to copy verbatim or closely paraphrase a chart or illustration, or material from any book, article, or website without clearly identifying the source from which it was obtained

### ***Academic Implications of the Bryan College Honor Code***

The Honor Code is a declaration that the student is performing the required assignments and examinations with full integrity. As a constant reminder of this commitment, when the students sign their names to course work submitted to a professor, the word **pledged** is understood as part of that signature. The signature is an abbreviation for the statement: “On my honor, I pledge that I have neither given nor received help on this work.” The **signature** means that, except where noted or when work is expected to be done jointly, the academic work submitted is that person’s alone. Students who are found to be in violation of the Honor Code will face the following discipline as a minimum:

*First Offense* — failure of assignment or course (discipline assigned by professor; professor will notify the Dean).

*Second Offense* — course failure.

*Third Offense* — suspension from the College (automatic institutional policy).

### ***Transcript of Record***

The registrar keeps on file a permanent record of all credit earned by each student. Transcripts of record are issued only upon receipt of a written request signed by the student in accordance with the Family Educational Rights and Privacy Act. Before an official transcript will be issued, the student's financial obligations at the college must have been met, and there must be no record that the student is in default status on any student loan. A \$6 fee is currently being charged for each official transcript providing it can be reproduced in the normal course of business. Transcripts required in 48 hours or less will be charged \$25.00 plus the cost of speed posting (FedEx or other means). Transcript requests may also be submitted electronically through the National Student Clearinghouse.

### ***End of Course***

Students may view the start and end date of a course that they are registered for in a term through their MyBryan account. Following the end date of a course, assignments will not be accepted unless prior arrangements have been made with the instructor. Final grades will typically be posted within ten days after the end of the course and may be viewed through a student's MyBryan account.

### ***Disability Services***

For students with disabilities (as defined by Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act of 1990), Bryan College takes an individual, holistic approach in providing, as required by law, reasonable accommodations.

Eligible students must formally notify the College of their disability, either at the time of admission and before accommodations are requested at the beginning of each semester. The notification must be in writing, must include appropriate documentation, and must be submitted to the ADA Coordinator. Documentation required (to be obtained by the student at his/her expense) includes a formal evaluation by a physician or a professional who is able to diagnose the student's condition. The student will then meet with the ADA Coordinator to discuss what accommodations may be offered regarding specific needs and services.

Examples of alternative aids that may be appropriate include taped texts, note-takers, interpreters, readers (for test-taking only), additional time for tests, and alternative methods of assessment. The College is not required to supply students with attendants, individually prescribed devices such as hearing aids and wheelchairs, readers for personal use or study, other devices or services of a personal nature, or incompletes / extended semesters. The courts have also ruled that colleges are not required to lower the standards of any program, make fundamental alterations in the essential nature of a program, or assume undue financial or administrative burdens.

The campus ADA Coordinator works under the supervision of the Vice President for Academics & Provost. S/he considers a student's request and documentation and subsequently determines what specific services will be offered by the College. The Coordinator then provides the minimum expectations for accommodations. These accommodations are then provided to the student on a Syllabus Addendum form that student must take to the faculty of each course. A Syllabus Addendum must be completed and on file for each course within the first ten business days of the semester or within ten business days of a diagnosis/approval by the ADA coordinator. Once the basic provisions are deemed acceptable by both the faculty member and the student, the original signed copy must be turned in to the

ADA Coordinator. The student or his/her professor(s) may appeal the decisions by contacting the Chair of the ADA Compliance Committee; s/he will work with the ADA Compliance Committee to determine a resolution for appeals/grievances. For more information, please contact the ADA Coordinator.

### ***Exceptions to Academic Policies and Procedures***

A petition for exception to academic regulations may be made by obtaining a Petition for Academic Exception form from your Academic Adviser. The completed form, signed by the student, is then considered for approval or denial. Once a decision has been made regarding the exception, the student will be notified by the Academic Adviser. If the student finds the outcome unsatisfactory, the student may appeal the decision to Dean of Professional Studies. A written response to the second appeal will be communicated to the student within 90 days of the second appeal.

## **GRADING PRACTICES AND STANDARDS**

### *Graduate Programs*

#### ***Definition of Grades Used***

The grade of **A** is given for on-time work which fulfills course requirements at a superior level of performance and which manifests outstanding interest, effort, responsibility, and creativity.

(A = 4.0 Quality Points; A- = 3.7)

The grade of **B** is given for work which fulfills course requirements at an above average level of performance, and which manifests above average interest, effort, responsibility, and originality.

(B+ = 3.3 Quality Points; B = 3.0; B- = 2.7)

The grade of **C** is given for work which fulfills course requirements at an average level of performance, and which manifests an adequate interest, effort, responsibility, and improvement.

(C+ = 2.3 Quality Points; C = 2.0; C- = 1.7)

The grade of **D** is given for work which falls short of fulfilling course requirements at an average level of performance, and which manifests a lack of interest, effort, responsibility, or which shows a need for improvement.

(D+ = 1.3 Quality Points; D = 1.0; D- = 0.7)

The grade of **F** indicates failure, carries no credit, and is given for work that fails to meet minimum course requirements.

(F = 0.0 Quality Points)

**W** - Withdrawn from course

## ***Graduate Studies Grading Scale***

The grading scale used for all graduate-level courses is listed below:

A 93% - 100%	C 73% - 75.99%
A- 90% - 92.99%	C- 70% - 72.99%
B+ 86% - 89.99%	D+ 66% - 69.99%
B 83% - 85.99%	D 63% - 65.99%
B- 80% - 82.99%	D- 60% - 62.99%
C+ 76% - 79.99%	F less than 60%

### ***Incomplete Grades***

The grade of ***I***, for incomplete, is given only when extended illness or other emergency circumstances beyond the student's control prevent the student from completing the course requirements. Students who are approved for an incomplete in a graduate course are required to complete course work within eight weeks from the last day of the course unless an extension approved by the instructor and the Dean of the School of Professional Studies is granted. After this period, if the student fails to complete the course requirements, the ***I*** will be changed to an ***F*** and is recorded on the student's transcript. Requests for an incomplete grade in a course must be submitted in writing to the Academic Adviser prior to the end date of the course.

## **Student Services**

### ***Graduate Programs***

#### ***Student Complaint Procedure - Academic***

Complaints that cannot be mediated by the instructor of the course in question are submitted in writing for review by the Dean of Professional Studies. Decisions that do not satisfy a student may then be submitted in writing to the Graduate Appeals Committee. Student complaints must be submitted within 90 days of the event, and student complaints will be addressed within 120 days of the event.

#### ***Technology Information***

Students are required to use computers for several important tasks in this program on a regular basis. First, all students are issued a Bryan College email account, and it is required that students check their Bryan email frequently. Second, all courses make extensive use of a supplemental virtual learning environment called BrightSpace. Students will need stable access to the Internet to use BrightSpace. Weekly course materials, syllabi, and/or online assignments/exams are distributed or administered through BrightSpace.

Students will need a computer with audio speakers, Microsoft Office (Word, Excel, PowerPoint), Adobe Reader, Adobe Flash Player (free program install), QuickTime, Internet access, Printer. Students will be expected to exhibit skills in electronic communication, word processing, document development, internet use, media enhanced presentation, and electronic library research and will receive access to training online tutorial, library resource instruction, and the Academic Success Center.

***Minimum hardware/software requirements:***

The IT department for Bryan College has compiled a list of recommended hardware and software. Students are encouraged to own personal computers that meet these recommended hardware and software guidelines.

*Students can download a free version of Microsoft Office by visiting [portal.office.com](http://portal.office.com) and signing in with the Bryan email and password.*

***Minimum hardware/software requirements***

*A webcam may be required for some courses.*

***Personal Computer:*** Manufactured within the last 6 years; 4+ GB RAM

***Operating system:*** Current version of Microsoft Windows (or no older than the previous two versions) with Microsoft updates applied on a regular basis

***Broadband Internet connection***

***Web browser:*** Current version of Mozilla Firefox or Google Chrome

***Software for PC's:*** Microsoft Word and Excel and a PDF viewer (e.g., Adobe Reader). Other software or browser plugins may be required at the discretion of the instructor in support of course activities or completion.

***Virus Protection Software strongly recommended*** (free programs are available from Microsoft, Avast, AVG, Pandasoft, and others)

***Mac:*** Intel-based system running a version of Mac OS that is supported by Apple (current or no older than the previous two versions) with security updates applied on a regular basis

***Broadband Internet connection***

***Web browser:*** Current version of Mozilla Firefox or Google Chrome

***Software for Macs:*** Microsoft Word and Excel, a PDF reader (e.g., built-in Apple Preview or Adobe Reader), other software or browser plugins or may be required at the discretion of the instructor in support of course activities or completion.

***Virus Protection Software strongly recommended*** (free programs are available from Sophos, Avast, Avira, AVG, and others)

***For Technical Help with an Online Course***

Please contact your Academic Adviser for assistance with technical issues for an online course. Your request for assistance will be forwarded to the appropriate department.

***For Technical Help with Bryan email or MyBryan Account***

Contact the Bryan IT department at 1-800-277-9522 or by emailing [helpdesk@bryan.edu](mailto:helpdesk@bryan.edu)

## **Financial Information**

### *Graduate Programs*

#### ***Tuition and Fee Schedule***

Provided for planning purposes. Subject to change.

Tuition - MBA degree programs.....	\$595 per credit hour
Tuition - Other graduate programs.....	\$450 per credit hour
Non-refundable application fee.....	\$50.00
Technology fee per term .....	\$65.00
Graduation fee.....	\$250.00
(This fee is due whether the candidate for graduation participates in commencement activities or not.)	
Re-admission fee.....	\$50.00
Audit (per credit hour) .....	\$75.00

#### ***Tuition Payment Schedule***

Tuition for each term is due before the first day of class. An email will be sent to your Bryan email address at the time of registration and after financial aid has been applied. Students can review incomplete financial aid documents through their MyBryan account. Course registration may be cancelled if payment is not received in full by the due date for the given term. Pending financial aid may be used to cover a balance.

#### ***General Financial Information***

Any obligations, including miscellaneous charges, incurred during the term must be paid before the term concludes. No academic credentials (grade reports, transcripts of record, or diploma) will be issued to the student until all financial obligations are satisfied. Failure to receive a bill does not exempt a student from the timely payment of all charges. All billing information can be reviewed through the student's MyBryan account or by calling the Financial Services Office at Bryan College.

#### ***Textbooks***

Students are responsible for obtaining textbooks and/or software. Textbook information for each course is found on the school's online bookstore at <http://bookstore.mbsdirect.net/bryan.htm>.

## **Financial Aid**

### *Graduate Programs*

#### ***Student Financial Assistance for Graduate Programs***

The purpose of financial aid at Bryan College is to provide financial assistance to students who, without such aid, would be unable to attend college. The college is able to fulfill this purpose by participating in federal student aid programs.

#### ***Sources of Financial Aid for Graduate Students***

- Employee benefits
- Scholarships funded by foundations or private entities
- Veterans' benefits
- Federal Stafford Loan
- Private loans

#### ***The Bryan Difference Maker***

Students earning a bachelor's degree from Bryan College *may* be eligible for up to 36 hours of graduate credit tuition free. Contact the Financial Aid Office for eligibility criteria.

Qualified students must enroll in a graduate program immediately following the completion of the bachelor's degree and then must maintain continuous enrollment in graduate courses. Students will be responsible for any fees and textbook costs. Hours attempted beyond the initial 36 hours will be the responsibility of the student. Students must maintain a graduate cumulative GPA of 3.0 or higher in order to continue to receive the scholarship.

#### ***Application Process***

A completed application for financial aid at Bryan College includes the following:

1. Formal acceptance for admission to Bryan College as a regular degree-seeking student.
2. Completion and submission of the FAFSA (Free Application for Federal Student Aid). Indicate Bryan College as one of the colleges you would like to attend. The school code of the College, 003536, should be used on the form.

#### ***Financial Aid Policies***

1. Financial aid is awarded for one academic year, usually for three terms (fall, spring and summer). Aid eligibility is re-evaluated each year, and a new FAFSA must be submitted annually.
2. A financial aid recipient must be accepted for admissions, pursuing a qualified degree, have remaining eligibility per program, and enrolled at least half time. The student expense budget, built under federal regulations, will include the cost of tuition, fees, books, and etc.
3. If a student is selected for verification by Bryan College or by the federal processor, additional information may be requested to verify the information listed on the FAFSA. Refusal to submit required documentation could result in the cancellation of financial aid. All forms must be signed and dated and returned before financial aid is awarded.
4. Disbursement of federal funds is contingent upon Congressional appropriation and upon receipt of the funds by Bryan College.

5. A student who accepts student loans as part of a financial aid package must complete other steps before the loan can be a credit on account. These include, but are not limited to: completion of loan entrance counseling and promissory note.

6. Students should report in writing to the Financial Aid Office any additional aid which he or she receives from outside sources (loans, outside scholarships, etc.).

7. Students who withdraw from the college must notify the Financial Aid Office prior to the time of withdrawal.

8. The Financial Aid Office reserves the right on behalf of the College to review and change an award at any time because of changes in financial situation or academic status, or change of academic program.

### ***Additional Information***

1. It is the student's responsibility to be aware of the Satisfactory Academic Progress Standard.

2. Renewal of financial aid is also dependent on punctual, accurate reapplication and availability of funding sources.

3. When the FAFSA is processed, students will receive a Student Aid Report. This report should be kept with other financial aid papers for reference.

### ***Satisfactory Academic Progress for Financial Aid***

Financial Aid recipients must demonstrate through their scholastic records that they are making satisfactory academic progress toward completion of their program(s) of study in order to maintain eligibility for enrolling in classes and receiving any form of federal financial assistance. Academic progress for financial aid is measured at the end of every term utilizing the following qualitative and quantitative standards.

#### ***Qualitative Standards***

This standard measures a student's quality of performance in terms of courses successfully completed and must maintain a cumulative grade point average (GPA) of 3.0.

#### ***Quantitative Standards***

This standard has two components: maximum time frame and course completion rate. The maximum time frame in which a student must complete a program of study cannot exceed 150 percent of the published program length measured in credit hours attempted. Example: A student pursuing a program that contains 36 hours would be allowed to attempt a maximum of 54 hours [ $36 \times 150 \text{ percent } (1.5) = 54$ ]. The number of hours attempted includes any transfer hours accepted from other institutions that are applied to the student's program of study. In conjunction with the maximum program length, students must successfully complete (measured as credit hours earned) at least 66.67 percent of all coursework attempted as they progress through their program of study. This is a cumulative process, illustrated as follows: A student has maintained satisfactory academic progress for the first two terms of enrollment. However, at the end of the third term the student's academic transcript indicates 36 hours attempted and 21 hours earned. The course completion rate is 58.3 percent (21 divided by 36). The student does not meet the required 66.67 percent standard and thus will be placed on Financial Aid Probation for the following term.

### ***Financial Aid Warning***

A student who does not meet satisfactory academic progress standards at the end of a particular term is placed on Financial Aid Warning for the following term, during which the student is eligible to receive financial aid. If the student meets the standards at the end of the warning term, the student is removed from Financial Aid Warning status and maintains financial aid eligibility. If the student does not meet the standards at the end of the warning term, the student is placed on Financial Aid Suspension.

### ***Financial Aid Suspension***

A student on Financial Aid Suspension is not eligible for any form of institutional or federal financial assistance and remains ineligible until satisfactory academic progress standards are met.

### ***Financial Aid Appeal Process***

Students placed on financial aid suspension can appeal to the Financial Aid Committee for financial aid reinstatement. The appeal must be submitted in writing to the Financial Aid Office and be accompanied by appropriate supporting documents if necessary. Reasons that may be acceptable for the appeal are: 1) serious illness or accident on the part of the student; 2) death, accident or serious illness in the immediate family; 3) financial difficulties forcing incomplete and premature withdrawal; 4) other extenuating circumstances directly affecting academic performance. Approval of an appeal places the student on Financial Aid Probation for one term. The student must meet satisfactory academic progress standards by the end of the probationary period (unless an academic plan has been put in place) or be placed on Financial Aid Suspension.

### ***Withdrawal from the College***

To withdraw from the college, students must notify their Academic Adviser by completing the Withdrawal Form. Withdrawal from the program will jeopardize any financial aid for the remainder of that academic year (these regulations have been set by the federal and state governments).

### ***Verifying Full Time Enrollment***

When the Registrar's Office is asked to verify full time enrollment for a student, that office is required to use the last date in class as the last day of attendance. The student has a grace period of six months after the last day of class attendance before repayment of Stafford loans must begin.

A student receiving financial aid who anticipates withdrawing should contact the Financial Aid Office regarding the implications of such action.

There will be no refund of tuition for courses that are dropped, or in which the student withdraws or is withdrawn, when the course or courses are in a term that is official and in progress. Prior to withdrawing from a course or courses in a term, students should contact Financial Services to determine the financial impact withdrawing from a course or courses(s) may have on financial aid and/or billing.

Upon withdrawal from the program the amount of Title IV and other financial aid, which must be returned to a program source, will be calculated and charges will be adjusted by the amount of aid earned. The calculation for return of Title IV aid is a federally mandated formula and is based on the percentage of completed course time.

### ***Return of Title IV Aid for Graduate Studies Program Withdrawals***

The financial aid office calculates federal financial aid eligibility and Military Tuition Assistance (TA) for students who withdraw, drop out, or are dismissed prior to completing 60.01% of a semester. The federal funds calculation and TA calculation are done independently of one another and are done prior to and apart from the institutional funds calculation. Refund/repayment calculations are based on the percent of earned aid using the following formula:

$$\text{Percent earned} = \frac{\text{\# of days completed up to withdrawal date}}{\text{total days in the semester}}$$

Federal financial aid is returned to the federal government based on the percentage of unearned aid using the following formula: Federal aid to be returned = 100% - % earned. When federal financial aid is returned, the student may owe a balance to the College. A student who believes that mitigating circumstances warrant exceptions from the above stated refund policy may submit, within 15 days of the student's withdrawal date, a written appeal to: Financial Services, Bryan College, 721 Bryan Drive, Dayton, TN 37321.

### ***Military Tuition Assistance***

Military Tuition Assistance (TA) is awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. It is the responsibility of the student to inform Bryan College of TA eligibility and provide appropriate documentation for each *course* prior to the start of the term. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded. **Bryan College** will return any unearned TA funds on a proportional basis through at least the 60% portion of the period for which the funds were provided to that member's appropriate service branch. TA funds are earned proportionally during an enrollment period, with unearned funds returned based upon when a student stops attending.

If a service member stops attending due to a military service obligation, and the service member notifies the school of his/her obligation, Bryan College will work with the affected service member to identify solutions that will not result in a student debt for the returned portion.

# Graduate Course Descriptions

## **BUSM 511 Management and Leadership (3 credits)**

This course focuses on competencies that research has identified as essential to effective leadership. The course challenges students to identify successful leadership competencies and to examine and develop their own leadership skills.

## **BUSM 513 Biblical/Worldview Principles for Management (3 credits)**

Within the context of Scripture, biblical/worldview principles are identified, discussed, and applied to business problems and situations, including the organization's obligation to the individual and to society, and the individual's responsibility to the organization.

## **BUSM 515 Quantitative Methods for Business (3 credits)**

This course gives an overview of statistical and other quantitative methods used in contemporary business applications. Some of the non-statistical methods discussed are linear and nonlinear models, money value over time, time series analysis, decision trees, queuing theory, and network analysis. Statistical topics include presentation of data, sampling methods, estimation, hypothesis testing, regression analysis, ANOVA, and chi-square test for independence. Students will take a brief look at how to manage quantitative research for projects.

## **BUSM 517 Legal Framework of Decisions (3 credits)**

This course examines the legal framework of business by focusing on the legal foundations of business activity, government regulation and public policy, social issues and business ethics. Contracts and sales, product liability, and employment arrangements are surveyed.

## **BUSM 521 Accounting Information for Management Decisions (3 credits)**

The objective of this course is to provide students with an opportunity to understand the complex accounting and financial data they will receive as operating managers. Students will learn how to use the data as an effective management tool for coordinating managerial and organizational activities.

## **BUSM 525 Managerial Economics (3 credits)**

This course deals with economic models and the decision-making process as they affect business firms. The theories of the firm and market structures are studied: the firm in pure competition, production decisions and resource utilization, entry and exit decisions, the process of general equilibrium, and the firm in other market situations such as monopolistic competition and imperfect factor markets.

## **BUSM 527 Ethical Issues of Business (3 credits)**

This course raises students' moral recognition level, provides them with the apparatus to make moral decisions in a business context, and considers ethical problems in business according to the three dominant theories of ethics: eternal law, utilitarianism, and universalism. Emphasis is placed on the role of the leader in organizations.

## **BUSM 531 Strategic Marketing (3 credits)**

The impact of globalization and technological changes on a dynamic marketplace is considered as this course examines a wide range of marketing principles including customer/client satisfaction and advanced marketing strategies both for profit and non-profit enterprises.

## **BUSM 533 Managing Human Resources (3 credits)**

The topics in this course are designed to enhance organizational effectiveness by managing human resources

appropriately. Topics include, but are not limited to, creation of change, performance evaluation, motivation, and intervention systems.

**BUSM 536 Financial Management (3 credits)**

Students will learn the theory and practice of financial decisions with an emphasis on practical application. The course will examine topics including, but not limited to, capital budgeting, capital structure and financing decisions, and managing for maximization of shareholder value. The purpose of the course is to develop financial management skills in a variety of functional levels in the organization.

**BUSM 537 Business in a Global Environment (3 credits)**

Students learn about economic, legal and global issues, and how analysis of them can be used in managerial decision-making. The impact of international trade theory, taxation, legal structures, and resource allocations will be considered as they affect the business organization.

**BUSM 538 Capitalism and its Critics (3 credits)**

This course will examine moral, pragmatic, philosophical, and Christian arguments for capitalism as well as criticisms of these arguments. Included in this discussion will be an emphasis on fundamental assumptions of capitalism and its critics with regard to human nature and dignity, work, private property, society, and the possibilities and limits of public policy.

**BUSM 539 Integrated Strategic Management (3 credits)**

This course will provide an opportunity for the student to integrate and apply many of the theoretical constructs and practices studied throughout the MBA program. Students will gain experience in strategic planning and decision-making. Each student will participate in making strategic decisions in the areas of marketing, product development, human resource management, financial analysis, accounting, manufacturing, and quality management.

**BUSM 541 Healthcare Systems (3 credits)**

This course explores the public health system, healthcare reform, the integrated healthcare delivery system under the Affordable Care Act, as well as challenges facing the healthcare workforce. Students will also examine disparities in healthcare, quality initiatives, health policy, and emerging trends in healthcare delivery.

**BUSM 542 Healthcare Information Management and Technologies (3 credits)**

Students learn about the alignment of health information technologies, operational effectiveness, and strategic competitive advantage. Architecture and infrastructure, applications, system selection, project and contract management, and value analysis are also explored.

**BUSM 543 Healthcare Operations Management (3 credits)**

This course examines operations management from a healthcare perspective. Students explore current issues facing healthcare managers, learn techniques for the strategic implementation of programs, and strategies and tools for reducing costs and improving quality. Project management, supply chain management, and financial performance for healthcare organizations are also examined.

**BUSM 544 Healthcare Ethics (3 credits)**

This course explores ethical concepts and frameworks and examines ethics in decision-making and clinical interactions. Stewardship, professional codes of ethics and principles, and the role of ethics in strategic planning and operations management are also explored.

**BUSM 545 Healthcare Finance (3 credits)**

This course provides students with operational knowledge of healthcare financial management theories, concepts, tools, and strategies used in the healthcare industry and opportunities to apply this knowledge to real-world business settings, through the use of real-world case studies, models, and discussions. Topics explored include roles healthcare financial management plays in the health services industry; tax laws; financial management concepts, including time value analysis and financial risk and required return; capital acquisition strategies, such as debt, equity, and lease financing; cost of capital and capital structure concepts and strategies; capital allocation, including budgeting and cash flow analysis and project risk analysis; financial condition analysis and forecasting; and, revenue cycle management.

**BUSM 546 Leading the Sports Organization (3 credits)**

The general objective of this course is to develop the ability to conduct marketing research and provide information for marketing decision-making. The broad course objectives are to help students understand the central concepts of marketing research, the methods of conducting marketing research and how to use research to solve the problems faced by a marketing manager.

**BUSM 547 Sports Finance (3 credits)**

This course will examine financial theories and practices as they apply to sports organizations. It will include a comprehensive overview of financial management with coverage of topics such as ownership structure, role of taxes and subsidies in decision-making, financial analysis, feasibility studies, and economic impact. It will prepare the sports manager for the local and/or global financial environment of a particular sports organization.

**BUSM 548 Sports Marketing (3 credits)**

This course will enable the student to understand the principles and practices of sport marketing and deliver practical tools which can be used in sport marketing careers such as college athletic organizations or professional teams, such as writing press releases and a marketing plan.

**BUSM 549 Sports Facility & Event Management (3 credits)**

This course will examine the major concepts of facility and event management and prepare the student to address planning, financing, marketing, implementing and evaluating athletic organizations, recreation facilities, leisure areas, health and fitness businesses. Students will be required to analyze and address operational functions within organizations studied during the course.

**BUSM 550 Marketing Research (3 credits)**

The general objective of this course is to develop the ability to conduct marketing research and provide information for marketing decision-making. The broad course objectives are to help students understand the central concepts of marketing research, the methods of conducting marketing research and how to use research to solve the problems faced by a marketing manager.

**BUSM 551 Human Resource Development (3 credits)**

This course examines employee training and development from a strategic and practical perspective. Key aspects of training, including assessment, design and evaluation are studied. The strategic significance of employee development as it relates to career management will also be covered.

**BUSM 552 Consumer Behavior (3 credits)**

Marketing begins and ends with the customer, from determining customers' needs and wants to providing customer satisfaction and maintaining customer relationships. This course examines the basic concepts and principles in customer behavior with the goal of understanding how these ideas can be used in marketing decision making.

Topics covered include customer psychological processes (e.g. motivation, perception, attitudes, decision-making) and their impact on marketing (e.g. segmentation, branding, customer satisfaction). The goal is to provide a set of approaches and concepts to consider when faced with a decision involving understanding customer responses to marketing actions.

**BUSM 553 Strategic Compensation Management (3 credits)**

This course studies the strategic importance of compensation taking into consideration current theory, research, and business practices. Emphasis will be placed on understanding the elements of a total compensation plan including system design, compensation strategy, individual pay, benefits, and compensation system management issues.

**BUSM 554 Integrated Marketing Communication (3 credits)**

In this course, students learn how to identify and evaluate the full gamut of competitive strategic alternatives in both business to business and business to consumer marketing using a wide variety of analytic tools to develop and analyze consumer insights. Based on this analysis, the major elements of a communication plan are put in place: media, message, target audiences, testable objectives, and budgets. Students learn to measure consumer and business target audiences by their demographic, psychographic and attitudinal characteristics and to analyze the style and appeal of messages within campaigns. Students also learn how to develop a balanced marketing communication plan utilizing the multitude of vehicles available to reach a target audience using the latest today's technological tools and media.

**BUSM 555 Managing Organizational Change (3 credits)**

Students will understand the dynamics of change and how they impact the strategic planning of an organization. The course examines the concept of change and its impact on organizations. Special focus will be given to managing and leading change, current change theories, resistance to change, and understanding the dynamics of change.

**BUSM 556 Global Marketing (3 credits)**

Global marketing is an extremely demanding discipline but, from a career standpoint, one which is both challenging and rewarding. Inherent to the success of any global marketing professional, yet many times overlooked and/or underappreciated, is the critical nature of human understanding and relationships in business planning and execution. This is especially relevant in today's business environment when you consider the dual multinational company imperative of continued revenue and profit growth in mature markets and successfully expanding into new growth and emerging markets. This course assumes an understanding of marketing principles and some exposure to and appreciation of the global environmental. This objective of this course is provide an understanding of how the global environment (particularly cultural diversity) affects the application of marketing principles and business practice on a global basis and the competencies necessary to be a successful global manager.

**BUSM 557 Employment Law (3 credits)**

An examination of employment and personnel law, this course gives an overview of the large body of laws, administrative rulings, and precedents which encompass all areas of the employer/employee relationship. Some of the topics considered will include employment discrimination; wages; unemployment compensation; pensions; workplace safety; and workers' compensation.

**BUSM 558 Seminar in Marketing (3 credits)**

An examination of current topics in the area of marketing is the focus of this course. Outside readings, case studies, a variety of written assignments, and a final research project are generally required.

**BUSM 559 Seminar in Human Resources (3 credits)**

This course will examine current topics in the area of human resource management. Outside readings, case studies, a

variety of written assignments, and a final research project are generally required.

**CFS 519 Child Development (3 credits)**

Students will cultivate a deeper understanding of how children develop physically, emotionally, cognitively, socially, and spiritually at various ages. A chronological approach is used to present the various areas of maturation from conception to middle childhood. Specific attention will be given to research that enhances child learning and development in a PK-5 classroom setting, including specific teaching strategies, parenting styles, and classroom environment. Students will also discuss child development within the context of a Biblical worldview. Cross-listed with EDUC 519.

**CFS 520 Adolescent Development (3 credits)**

Students will investigate normative characteristics of biological, cognitive, and psychosocial development in adolescence. Additionally, students will also evaluate adolescent development within the broader contexts of family, community, schooling, and peer groups. Cross-listed with EDUC 520.

**CFS 521 Theory & Research in Family Studies (3 credits)**

This course offers a study of the family as a system, with life-cycle stages, tasks, structure, and processes. Theoretical models of families will be examined in order to understand family functioning and development. Critical reading, analysis, and evaluation of historical and contemporary theory-based research on the family will be completed. Approaches to working with diverse families in prevention, intervention, and education within a systems perspective will be explored.

**CFS 522 Family & Community Health (3 credits)**

This course presents conceptual and theoretical bases for identifying and addressing the general health and wellness needs of the family and community by examining the interrelationships between the physical, psychological, social, and environmental subsystems. Principles of family and community education, outreach, consultation and intervention services will be explored.

**CFS 523 Adult Development & Aging (3 credits)**

Students will investigate current perspectives on adult development and aging with an emphasis on theory, research, and application. Emphasis will be placed on normative social, mental, emotional, spiritual, and physiological development during young, middle, and late adulthood.

**CFS 524 Practicum in Child & Family Studies (3 credits)**

The procurement and completion of a working experience in a community-based setting related to child and family services. Includes on-site supervision and related projects assigned by the instructor. Permission of the instructor.

**CFS 525 Child & Family Studies Seminar (3 credits)**

This course critically examines current topics in Child & Family Studies. This seminar course is designed to be a synthesis of empirical research and a practical integration of knowledge allowing students to study specific areas of interest within the Child and Family Studies discipline. Cross-listed with EDUC 525.

**CFS 543 Educational Research (3 credits)**

In this course, students will examine educational research (both qualitative and quantitative), statistical methods, and data-driven decision making. Students will locate, read, and critique research and develop a research proposal relative to important classroom and school issues. Cross-listed with EDUC 543.

**CSM 514 Old Testament Issues and Hermeneutics (3 credits)**

This course provides an analysis of the first half of the Christian Scriptures, focusing on the various dimensions—literary, historical-cultural, and theological—of the Old Testament canon and overarching storyline. Special attention will be given to hermeneutics, metanarrative, genre, ancient Near Eastern background, and application to Christianity and Christian ministry in today's world.

**CSM 515 New Testament Issues and Hermeneutics (3 credits)**

This course provides an analysis of the second half of the Christian Scriptures, focusing on the various dimensions—literary, historical-cultural, and theological—of the New Testament canon and overarching storyline. Special attention will be given to hermeneutics, metanarrative, genre, Second Temple Judaism and Greco-Roman culture, and application to Christianity and Christian ministry in today's world.

**CSM 519 Systematic Theology (3 credits)**

This course is a survey and systematic study of the major biblical doctrines that have dominated the history of Christian thought. Topics include the nature and methods of doing theology (Prolegomena); revelation and Scripture (Bibliology); the nature of God (Theology Proper, Trinity, Christology, Pneumatology); the work of God (Creation, Providence, Miracles, Angelology); humanity, sin, and salvation (Anthropology, Hamartiology, Soteriology); the church (Ecclesiology); and the future (Eschatology).

**CSM 522 Christian Worldview-Claims and Challenges (3 credits)**

This course is a study of the Christian theistic worldview, especially compared and contrasted to the claims and dissonances of other major worldviews. Attention will be given to a systematic and logical way to define and defend a Christian worldview, to communicate the gospel and minister in a pluralistic world in light of contemporary social and cultural issues, and to reflect upon some ethical implications of the Christian worldview.

**CSM 524 Ecclesiology (3 credits)**

An exegetical and theological study, this course will focus upon key passages from the New Testament and trace the development of the church's thinking about itself. Although the course will consider historical questions, it is primarily concerned with the understanding of the church as presented in the New Testament and how this ecclesiology might impact present conceptions of the church, worldviews and apologetics.

**CSM 526 History of Christianity-Key Figures and Issues (3 credits)**

Provides students with an overview of the history of the Christian church. This class will cover the major figures, developments, theological formulations and mission efforts of the church since New Testament times.

**CSM 531 Church Leadership (3 credits)**

This course is designed to trace the biblical, theological, and historical foundations of church leadership. Particular attention will be given to the various leadership roles within the church and forms of church government throughout biblical and contemporary history. Issues and matters related to the contemporary church will be examined and discussed, with specific focus being given to the role of church leadership related to such issues and matters.

**CSM 533 Apologetics-Methods and Issues (3 credits)**

This course formulates a rational basis for believing in Christian theism and doing Christian apologetics. Students will be introduced to different methodologies and tools of defending the Christian faith in light of objections and critiques of competing worldviews (at a more in-depth level than the Christian Worldview course). Topics include the existence of God, the authority of Scripture, the problem of evil, the supremacy of Christ, and the interplay of modern and postmodern thought.

**CSM 535 Leadership for Ministry (3 credits)**

This course is a study of the leadership theory and skills necessary for providing effective leadership in a context of ministry. Attention will be given to assisting students to both assess their personal leadership ability and develop their ability to lead in organizations through an examination of issues such as: defining leadership, contrasting contemporary-popular and biblically-based leadership, examining the process of leading and influencing others, describing how to develop the character and capacities of a leader, discovering individual leadership style, and researching issues of leadership development.

**CSM 536 Christianity & Counseling-Methods and Praxis (3 credits)**

This course introduces the various methods, theories, and practices of integrating Christianity and counseling, which includes helping skills such as reflective listening, rapport-building, and empathy development. Students will examine case studies and apply role play techniques in the process of Christian counseling practice. Cross-listed with HS 536.

**CSM 537 Vocation of Ministry (3 credits)**

This course is designed to deal with the issues regarding ministry as vocation from a biblical and practical framework as it relates to their individual ministry callings. Particular attention will be given to ministry as calling, cultivation and creation of culture in ministry, family and ministry, and specific tasks and roles of the individual minister. The student will describe a comprehensive ministry philosophy as part of this course.

**CSM 538 Christian Spirituality in a Ministry Context (3 credits)**

This course introduces the student to the principle themes of Christian spiritual formation. The course will facilitate the development of a personal philosophy of spiritual formation for the individual believer which can then be applied to any professional field. Particular emphasis will be given to the tools that the individual student can use to facilitate Spiritual Formation in the lives of others.

**CSM 541 Bible Teaching-Principles and Practices (3 credits)**

This course focuses on effective communication of the Bible for various modalities (e.g., teaching, preaching, evangelistic presentations, devotionals, creative enterprises, etc.). It will examine methods used to prepare and deliver messages or lessons based on biblical texts and themes, as well as consider various factors that influence the teaching and learning process.

**CSM 543 Global Religions in Christian Perspective (3 credits)**

This course is an in-depth examination of the most significant religious traditions of the world, including but not limited to Christianity, Judaism, Hinduism, Buddhism, and Islam. Students will gain critical tools necessary for the academic study of religion, such as critical comparison, cross-scriptural analysis, and participant-observation. The course aims at a deep study of the religions for the purposes of engaged understanding, informed dialogue, and robust theological evaluation.

**CSM 570 Directed Individual Study (3-6 credits)**

This course is designed to give a student an opportunity to integrate faith and learning in an applied setting that best approximates career goals. It involves a capstone project, in which the student applies previous ministry-related learning in a focused, concentrated way. The form of the project may emphasize the academic (i.e., research) and/or the practical (i.e., internship). Includes one-on-one guidance and mentorship. (To receive six hours, student may repeat the three-hour course, or do the six hours concurrently.) Prerequisite: Permission of the MACM Program Director.

**EDUC 511 Education in a Pluralistic Society (3 credits)**

Students will develop an understanding of the historical, philosophical, and sociological foundations underlying the role of education in the United States using research in current events. Students will examine elements of school law including teachers' rights and responsibilities, teacher conduct, and liability.

**EDUC 513 Classroom and Behavior Management (3 credits)**

Application of classroom and behavior management techniques and individual interventions based on educational theory and best practice research. Students will develop means of improving communication between schools and families and ways of increasing family involvement in student learning at home and in school. This course will address these approaches within the context of home and community.

**EDUC 515 Advanced Educational Psychology (3 credits)**

This course is an advanced study of the physical, emotional, social, and cognitive characteristics of children within grades K-12. Students will concentrate on the implications these characteristics have for the classroom setting within the appropriate grade level. Includes planning for learning differences, domains, modalities, and interaction.

**EDUC 517 Teaching Strategies for Student Learning (3 credits)**

This course centers on effective teaching for a variety of learners using media, technology, and other educational materials. Students will develop and demonstrate teaching strategies based on education theory, best practice research, and differentiation related to student differences.

**EDUC 519 Child Development (3 credits)**

Students will cultivate a deeper understanding of how children develop physically, emotionally, cognitively, socially, and spiritually at various ages. A chronological approach is used to present the various areas of maturation from conception to middle childhood. Specific attention will be given to research that enhances child learning and development in a PK-5 classroom setting, including specific teaching strategies, parenting styles, and classroom environment. Students will also discuss child development within the context of a Biblical worldview. Cross-listed with CFS 519.

**EDUC 520 Adolescent Development (3 credits)**

Students will investigate normative characteristics of biological, cognitive, and psychosocial development in adolescence. Additionally, students will also evaluate adolescent development within the broader contexts of family, community, schooling, and peer groups. Cross-listed with CFS 520.

**EDUC 525 Child & Family Studies Seminar (3 credits)**

This course critically examines current topics in Child & Family Studies. This seminar course is designed to be a synthesis of empirical research and a practical integration of knowledge allowing students to study specific areas of interest within the Child and Family Studies discipline. Cross-listed with CFS 525.

**EDUC 526 Assessment and Evaluation for Student Growth (3 credits)**

This course focuses on the relationships among assessment, instruction, monitoring student progress, and student performance measures in grading practices. Students will construct and interpret valid assessments using a variety of formats in order to measure student attainment of essential skills in a standards-based environment. Students will also analyze assessment data to make decisions about how to improve instruction and student performance.

**EDUC 528 Design and Implementation of Curriculum (3 credits)**

The course is an advanced application course to guide K-12 teachers through the design, implementation, and

assessment of a standards-based curriculum from the analysis of standards, creation of assessments, and design and delivery of instruction. In order to understand the contextual considerations of instructional design and implementation, the course also examines the changing needs of students in the context of best instructional practices and philosophies of education.

**EDUC 530 Foundations of Special Education (3 credits)**

This course centers on how to educate students with exceptionalities, including historical perspective, characteristics of children and youth with exceptionalities, influence of family and community, ethical issues and standards of professional behavior. Students will also gain an understanding and application of the legal aspects, regulatory requirements, and expectations associated with identification, education, and evaluation of students with exceptionalities.

**EDUC 532 Cooperative Teaching and Team Processes in Education (3 credits)**

This course will focus on the role for teachers and administrators as they participate in decision-making in school-based change initiatives. Students will develop effective techniques in communication, individual and team planning for school and classroom integration. Using their schools as laboratories, school based teams will test assumptions and develop a professional theory-of-action for their community.

**EDUC 540 School Culture & Climate (3 credits)**

This course will encourage students to collaborate, discuss, and assess safety, communication, and academic expectations affecting the culture and climate of 21<sup>st</sup> century classrooms and schools. Students will examine efforts that can be made to establish a positive learning environment for students, educators, and community stakeholders.

**EDUC 541 Teachers as Leaders (3 credits)**

In this course, students will examine models of teacher leadership in the classroom, school, community, and beyond. The student will gain strategies for goal-setting, planning, implementing, evaluating, and revising plans for improvement. Communication, networking, and motivation skills will be emphasized within a framework of persistence.

**EDUC 542 School Law (3 credits)**

This course serves as an in-depth examination of federal and state school law for both teachers and school leaders. Course topics will address the major legal issues in PK-12 education that impact the operation of both public and non-public schools.

**EDUC 543 Educational Research (3 credits)**

In this course, students will examine educational research (both qualitative and quantitative), statistical methods, and data-driven decision making. Students will locate, read, and critique research and develop a research proposal relative to important classroom and school issues. Cross-listed with CFS 543.

**EDUC 545 Action Research in Education (6 credits)**

Students identify a specific classroom, school, or community-based educational problem, then design and conduct a research project that addresses the student's integration of professional knowledge and the Education Department's conceptual framework. The project is completed independently in consultation with a project advisor.

**EDUC 547 Instructional Technology for Educators (3 credits)**

This course explores the theoretical and practical aspects of instructional technology, best practices for integrating technology into classroom instruction, and the creation of digital tools, applications, online resources, and programs to enhance classroom instruction and professional learning.

**HS 512 Introduction to Human Services (3 credits)**

Introduction to the field of human services. Emphasizes concepts helpful for understanding contemporary human services and those basic to further study.

**HS 516 Multicultural Awareness in Human Services (3 credits)**

Provides an introduction to multicultural and diversity awareness. Examines cultural values and encourages students to develop multicultural understanding, attitudes, and performance skills in human services.

**HS 518 Group Dynamics (3 credits)**

A study of the function, types, and dynamics of groups in human services. Conceptual and practical overview of group leadership, decision-making, and techniques.

**HS 536 Christianity & Counseling-Methods and Praxis (3 credits)**

This course introduces the various methods, theories, and practices of integrating Christianity and counseling, which includes helping skills such as reflective listening, rapport-building, and empathy development. Students will examine case studies and apply role play techniques in the process of Christian counseling practice. Cross-listed with CSM 536.

# Directories – Bryan College Online

## Select Administration and Staff

- Stephen D. Livesay, Ph.D., *President*
- Donna Eldridge, B.S., *Academic Adviser, Bryan College Online*
- Douglas F. Mann, Ph.D., *Vice President for Academics and Provost*
- Josie Riggs, B.S., *Academic Adviser, Bryan College Online*
- Adina Scruggs, D.B.A., *Dean of Professional Studies*
- Amanda Sullivan, M. Ed., *Director of Academic Programs*

## Bryan College Online Contact Information

- Admissions – 877-256-7008
- Financial Aid/Financial Services – 423-775-7460 or 423-775-7573
- Transcripts and Academic Records - 423-775-7236

# DIRECTORY OF CORRESPONDENCE

The Office of the President of the College administers the college programs and will receive inquiries. In addition, the administration, faculty, and staff of Bryan College are available to respond to needs and inquiries which are relevant to their areas of responsibility. Specific inquiries may be addressed to the offices as follows:

**Academics:** Academic matters, faculty employment, academic grievances, college calendar, curriculum issues, library, Americans with Disabilities Act (ADA); Section 504 of the Rehabilitation Act of 1973

**Admissions:** Campus visits

**Advancement:** College publications, estate planning, alumni relations, fundraising, publicity, speaker's bureau

**Athletics:** Varsity and Junior Varsity sports

**Career Services**

**Finance:** Student-related financial matters, non-academic personnel issues including employment

**Financial Aid:** Financial aid for prospective students

**Information Systems:** Campus technology

**Marketing:** Social media, graphic design, website

**Registrar:** Course offerings, transcripts, academic advising, transfer credit, academic petitions

**Student Life:** Orientation, student housing, student activities, intramurals, chapel, spiritual emphasis, Practical Christian Involvement (PCI), counseling needs

**Student Services:** Physical plant, campus safety, facilities scheduling, summer conferences, campus store, audio-visual services, mailroom, food service

# How to Reach Bryan College

**By Air** - The Chattanooga Metropolitan Airport is serviced by several major airlines. Two-way transportation can be arranged by Bryan College for those arriving by air.

**By Bus** – Greyhound Bus Lines serves the Chattanooga area with a terminal located near the airport. Two-way transportation can be arranged by Bryan College for those arriving by bus.

## By Car

From Chattanooga – Take U.S. Route 27 North to Dayton. Stay on the 27 Bypass until you reach the seventh traffic light (traffic light #7). Turn right onto Route 30 and follow the signs to Bryan. Driving time is approximately 45 minutes.

From Knoxville – Travel I-40/I-75 west until the two interstates split. Take I-75 south to exit 60 at Sweetwater. Take 68N west to U.S. Route 27. Take 27 south into Dayton. Stay on the 27 Bypass, until you reach the third traffic light (traffic light #7). Turn left onto Route 30 and follow the signs to Bryan. Driving time is approximately 1 ½ hours.

From Nashville – Travel I-40 east to the U.S. Route 127 Crossville exit. Take 127 south through town. Two miles south of Crossville turn left onto Route 68 south. Follow this to U.S. Route 27. Take 27 south into Dayton. Stay on the 27 Bypass, until you reach the third traffic light (traffic light #7). Turn left onto Route 30 and follow the signs to Bryan. Dayton is in the Eastern Time zone.

## Written Correspondence:

When writing to an office at the College, using the U.S. Postal Service, use the following address:

Office Name (i.e. Admissions Office, Financial Aid Office, Office of the Registrar)  
Bryan College  
721 Bryan Drive  
Dayton, TN 37321

When writing to an individual student or faculty member, using the U.S. Postal Service, use the following address:

Name  
Bryan College #7xxx (campus mailbox number)  
721 Bryan Drive  
Dayton, TN 37321-6275

When mailing packages or sending items via an alternate service (FedEx, UPS etc.) use the following address:

Individual or Office Name  
Bryan College (campus box number as applicable)  
721 Bryan Drive  
Dayton, TN 37321-6275

## E-Mail Correspondence:

When e-mailing a faculty or staff member at the College, the standard e-mail address is the first name.last name@bryan.edu. For example, James Smith may be e-mailed at james.smith@bryan.edu. Some departments also have assigned e-mail addresses. For example, The Office of Admissions may be e-mailed at [admissions@bryan.edu](mailto:admissions@bryan.edu), the Office of Financial Aid at [financialaid@bryan.edu](mailto:financialaid@bryan.edu) and Office of the Registrar at [registrar@bryan.edu](mailto:registrar@bryan.edu).

## Fax Correspondence:

When sending a fax to a department or office at the College, include the following information on a fax cover sheet: the individual's name and department or office, your name, phone number, and fax number, and the date and time of your fax. Fax transmissions are received in the college mailroom and fax service is provided for college business only. The general fax number for business purposes is **(423) 775-7330**. A few departments have dedicated fax lines in their offices:

Admissions	423-775-7199	General	423-775-7330
Advancement	423-775-7220	Registrar	423-775-7215
Financial Aid	423-775-7300	Student Life	423-775-7329

## Telephone Correspondence

When calling the College, you may dial directly if you know the individual or department's extension number. Dial 775-7+ the three-digit extension number.

The main switchboard phone number is (423) 775-2041. The switchboard number is answered during regular business hours.

## Departmental Numbers

Academic Office	423-775-7200	IT Services	423-775-7333
Accounts Payable	423-775-7214	Library	423-775-7307
Admissions	800-277-9522	Mailroom	423-775-7223
Advancement	423-775-7323	Maintenance	423-775-7470
Alumni	800-55Bryan	Operations	423-775-7284
Athletics	423-775-7193	Public Information	423-775-7206
Campus Store	423-775-7271	Registrar/Records	423-775-7236
Financial Aid	423-775-7339	Student Life	423-775-7209
Food Service	423-775-7272		
Human Resources	423-775-7269		

## Principle Office of Bryan College

President's Office  
Mercer, Room 209  
Bryan College  
721 Bryan Dr.  
Dayton, TN 37321  
423.775.7201

Email: [president@bryan.edu](mailto:president@bryan.edu)

Web: [www.bryan.edu](http://www.bryan.edu)