

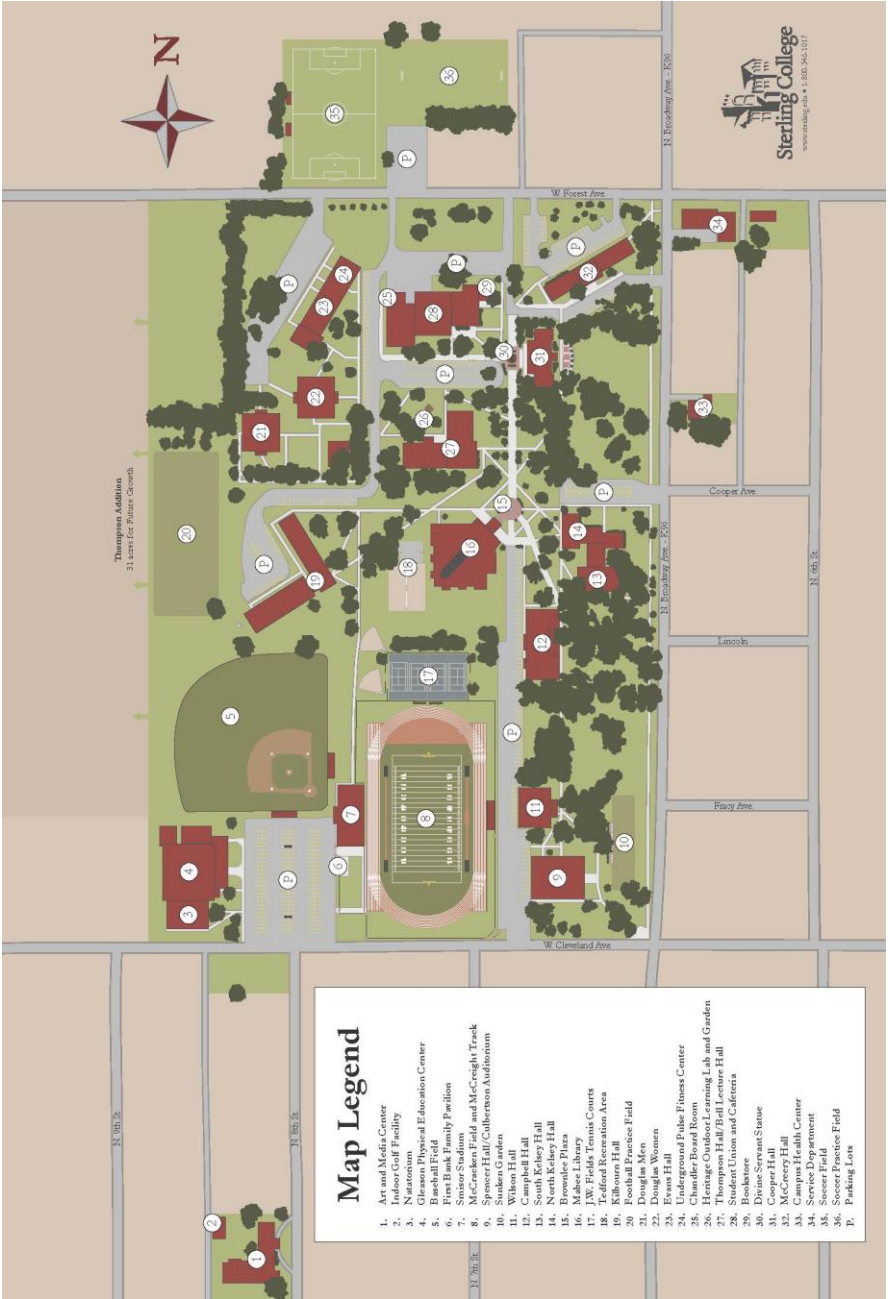
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Campus Map



Map Legend

1. Art and Media Center
2. Indoor Golf Facility
3. Commons
4. Glendon Physical Education Center
5. Baseball Field
6. First Bank Family Pavilion
7. Sinsore Stadium
8. McGreevy Field and McGreevy Track
9. McGreevy Field and McGreevy Track Collection Auditorium
10. Sinsore Garden
11. Wilson Hall
12. Campbell Hall
13. South Kelley Hall
14. North Kelley Hall
15. Bromides Plaza
16. Malace Library
17. J.W. Fields Tennis Courts
18. Tedford Recreation Area
19. Sinsore Practice Field
20. South Practice Field
21. Douglas Men
22. Douglas Women
23. Evans Hall
24. Dodge and DeBus Fitness Center
25. Chemistry Building
26. Heritage Outdoor Learning Lab and Garden
27. Thompson Hall/Bell Lecture Hall
28. Student Union and Cafeteria
29. Bookstore
30. McGreevy Student Center
31. Cooper Hall
32. McGreevy Hall
33. Campus Health Center
34. Science Department
35. McGreevy Practice Field
36. Sinsore Practice Field
37. Sinsore Practice Field
- E. Parking Lots

Campus Information

Sterling College

125 W. Cooper, Sterling, KS 67579

<http://www.sterling.edu>

Information: info@sterling.edu, 800-346-1017, FAX 620-278-4411

Admissions: admissions@sterling.edu

Sterling College Online: <http://online.sterling.edu>, 620-278-4461,

FAX 620-278-4486, Email: online@sterling.edu

Location: Sterling, Kansas, on Kansas Highways 14 and 96, 18 miles northwest of Hutchinson

Sterling College is an accredited, 4-year, liberal-arts college, offering undergraduate education from a Christian perspective.

Accredited by *The Higher Learning Commission* and a member of the *North Central Association*, (1-800-621-7440) www.ncabl.org; and by the *Kansas State Board of Education*, 300 SW Tenth, Topeka, KS 66612. *For full listing of accreditations see page 13.*

Statement of Nondiscrimination

Sterling College does not discriminate on the basis of race, color, national origin, sex, disability, or age. Persons having inquiries concerning the College's compliance with Title VI, Title IX, Section 504, Clery Act, ADA, and the Age Discrimination Act may contact the Vice President for Student Life or the Director of Financial and Administrative Services, Sterling College, Sterling, Kansas 67579, (620) 278-2173.

Because arranging accommodations may require advance planning, students with disabilities accepted for admission should identify themselves at least one month before the start of the semester of admission and indicate the nature of accommodations requested and to be validated by Sterling College.

The content of this document is provided for the information of the student. The catalog is not a contract between the student and the College. It is accurate at the time of printing, but is subject to change as deemed appropriate by the College in order to fulfill its mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and without obligation and, unless otherwise stated, are effective when made. Students are expected to

read and become familiar with the information contained in the Academic Catalog and are responsible for knowing and following policies, deadlines and requirements for admission, registration and degree completion.

Academic Calendar for On Campus Programs 2015-2016

Fall Semester

2015

Residence Halls open – 9:00 a.m.

First evening meal - new students	Aug. 15
New Student Orientation.....	Aug. 15-18
Residences open for returning students.....	Aug. 17
Classes begin.....	Aug. 19
Labor Day (no classes/campus closed).....	Sept. 7
Last day to drop/add courses or select P/F (5 PM).....	Sept. 1
Last day to remove Incompletes from Spring/Summer...	Oct. 2
Homecoming.....	Oct. 24
Mid-term grades distributed	Oct. 13
Fall Breather (no classes)	Oct. 8-9
Enrollment for Spring.....	Oct. 19-Nov. 3
Last day to Withdraw.....	Oct. 20
Thanksgiving Break	Nov. 23-27
Classes resume.....	Nov. 30
Final exams week	Dec. 7-10
Fall Semester ends (5 PM)	Dec. 10

Interterm

2016

Registration for all students	Jan. 5
Classes begin.....	Jan. 6
Last day to drop/add courses or select P/F (5 PM.).....	Jan. 7
Last day to Withdraw.....	Jan. 8
Last day of Interterm	Jan. 25

Spring Semester

2016

Last day to register for Spring.....	Jan. 26
Classes begin.....	Jan. 27
Last day to drop/add courses or select P/F (5 PM).....	Feb. 9
Last day to remove Incompletes from Fall/Interterm.....	Mar. 11
Spring Break	Mar. 14-18
Classes resume.....	Mar. 21
Mid-term grades distributed	Mar. 17
Last day to Withdraw.....	Mar. 24
Enrollment for Fall.....	Feb. 22-Mar. 3
Easter Break (no classes).....	Mar. 25-28
Final exams	May 9-12

Spring Semester ends (5 PM) May 12
 Baccalaureate (7:30 PM) May 13
 Commencement (9:45 AM) May 14

Academic Calendar for Online Programs 2015-2016

Session	Date	
Fall 1	August 24	Fall 1 Courses Start
	August 29	Add-Drop Period ends at 5 PM
	September 21	Withdrawal deadline 5 PM
	October 12	Fall 1 Courses End
Fall 2	October 19	Fall 2 Courses Start
	October 23	Add-Drop Period ends at 5 PM*
	November 16	Withdrawal deadline 5 PM
	December 14	Fall 2 Courses End
Spring 1	January 25	Spring 1 Courses Start
	January 29	Add-Drop Period ends at 5 PM
	February 22	Withdrawal deadline 5 PM
	March 14	Spring 1 Courses End
Spring 2	March 21	Spring 2 Courses Start
	March 25	Add-Drop Period ends at 5 PM*
	April 18	Withdrawal deadline 5 PM
	May 9	Spring 2 Courses End
Summer 1	May 16	Summer 1 Course Start
	May 20	Add-Drop Period ends at 5 PM
	June 13	Withdrawal deadline 5 PM
	July 3	Summer 1 Courses End
Summer 2	July 5	Summer 2 Courses Start
	July 8	Add-Drop Period ends at 5 PM*
	August 1	Withdrawal deadline 5 PM
	August 21	Summer 2 Courses End

*Also indicates the withdrawal date for semester-long online courses

General Information

Mission of Sterling College

Our Mission: To develop creative and thoughtful leaders who understand a maturing Christian faith.

Our Vision: To be recognized as the finest Christ-centered, servant leadership development-focused, liberal arts experience in the Great Plains.

Our Core Values: In active, vital partnership with church, community, and strategic partners, and ever striving for first-class quality in all that it does, the Sterling College community will be guided in all its work by the following intrinsic values:

Faith: Faithful discernment of and response to God's self-revelation in Christ in Scripture.

Calling: Faithful discovery and pursuit of each person's particular calling in life.

Learning: A love of learning and a dedication to the pursuit of truth.

Integrity: Integrity in scholarship, the arts, athletics, and all other co-curricular activities.

Service: Faithful practice of redemptive servant leadership involving a vision of wholeness in a broken world.

Community: Mutual respect amid diversity as members of the body of Christ.

Our Priorities: Sterling College is committed to an environment of academic excitement in the tradition of a thorough exploration of all truth in the light of God's Word. An enthusiastic Christian faith and experience permeate all aspects of the College life. Activities are designed to encourage and to develop the skills necessary to understand our world and to create positive change in it. Specifically, we seek to build within our student's creativity, critical thinking, effective communication, and leadership for use in the workplace, as well as in the community, church, and home. We seek to cultivate a Christ-centered worldview through which students are able to explore and understand themselves, their faith, their environment, and their heritage. We further strive to foster the values of independent inquiry, a thirst for lifelong learning, emotional maturity, and positive self-worth, and an understanding of a maturing Christian faith that provides the foundation and meaning for life.

Our Process: The College works to achieve its priorities through the learning experiences of the liberal arts curriculum, faculty/student interactions, and a residential lifestyle. The liberal arts curriculum is designed to build breadth and depth of understanding through a general education core, specialization in a major, and attention within majors to career preparation. The College affirms the primacy of the faculty/student relationship and the importance of excellence in instruction and advising. Relationships of faculty to students are built around principles of serving, mentoring, modeling, and discipleship. The campus lifestyle is designed to provide a unifying community experience for social, educational, and faith development.

Our Statement of Faith: The board, faculty, administration, and staff possess an active and visible Christian faith which encourages the entire campus community in its pursuit of a wholesome and practical Christian life. We personally trust in and collectively bear witness to the one, eternal God, revealed as Father, Son, and Holy Spirit.

- We believe in God the Father who created the heavens and the earth.
- We believe in God the Son, Jesus Christ, who was conceived by the Holy Spirit and born of the Virgin Mary. Jesus suffered, died, and was buried. He rose from the dead. Jesus ascended into heaven and remains with the Father and the Holy Spirit to judge the living and the dead. Jesus Christ alone is the way, the truth, and the life. There is salvation in and through no other.
- We believe in God the Holy Spirit who is the comforter, sustainer, and sanctifier of all who profess faith in Jesus Christ as Savior and Lord.
- We believe that humanity has hope for redemption from sin by Jesus Christ's life, death, and resurrection. It is by God's grace alone that we joyfully receive our salvation through a personal faith in Jesus Christ.
- We believe that the Bible is God's revealed Word. It is authoritative and infallible in all matters of faith and practice.
- We believe that the Church is the body of Christ and God's witness in the world.
- We believe that Jesus Christ will return and claim his own, ushering in the new heaven and new earth in which righteousness will dwell and God will reign forever.

Institutional Learning Objectives: The Sterling College graduate will:

1. Demonstrate sufficient content knowledge to be successful in his or her chosen profession or advanced academic endeavors.
2. Demonstrate understanding of relationships between his or her chosen area of study and the world and its cultures.
3. Exercise the intellectual, communicative, and social skills reflective of creative and thoughtful servant leadership.
4. Demonstrate an understanding of the personal and civic skills necessary for a productive life of faith and service.
5. Demonstrate understanding of how Biblical principles affect personal, professional, and academic life.

Philosophy of Education

Sterling College strives for academic excellence through a variety of approaches to learning. In the belief that learning and Christian commitment are important to developing a well-rounded person, students are encouraged to develop a view of the world in God's terms. Sterling College's curriculum provides the student with a broad educational experience that is also deep enough to prepare students to contribute to a rapidly changing world.

The History of Sterling College

Sterling College was founded in 1887 as Cooper Memorial College by the Synod of Kansas of the United Presbyterian Church of North America. The original name honored a revered former leader of the denomination. The initial curriculum offered four majors and a preparatory department offering high school courses for those students unable to attend such institutions in their home communities. The majors included a "Classical Course," a general liberal arts emphasis, a "Normal Course" for prospective teachers, an "English Course" for future school administrators, and a business course of study. These original curriculum choices remain important to Sterling College (renamed in 1920) even today.

Another distinctive aspect of Sterling College, dating from its inception, is the emphasis placed on its status as a Christian college. Sterling College holds strong the mandate of the original charter to be "thoroughly Christian, but not in any sense sectarian." Its faculty and staff are believing Christians who strive to combine the concepts of faith and learning in their lives and in the classroom. While Sterling

College continues to affirm its historical ties with the Reformed tradition, the College nurtures and develops strategic partnerships with Christian churches of various denominations and with evangelical organizations in order to advance the mission and vision of the College. Accountability for the College's mission and vision rests in governance by an independent self-perpetuating Board of Trustees.

Sterling College looks to the future with confidence. With support from the community, churches, and thousands of dedicated alumni and friends who annually help the College, the Sterling College tradition continues. The background and interests of the students combined with the College's Christian focus, gives Sterling College a heritage and a future which promise each student a concerned and supportive learning environment.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act of 1974 as amended by Buckley/Pell Amendment, Section 153 of the Education Amendments of 1974, is a Federal law that governs the release of and access to educational records. These rights include:

- The right to inspect and review your education record within a reasonable time after we receive a request for access. If you want to review your record, contact the office that maintains the record to make appropriate arrangements. Right of access is not extended to records maintained by administrative and educational personnel that are in sole possession of the maker and are not accessible to any other person.
- The right to request an amendment to your education record if you believe it is inaccurate or misleading. If you feel there is an error in your record, you should submit a signed statement to the Sterling College official responsible for the record, clearly identifying the part of the record you want changed and why you believe it is inaccurate or misleading. That office will notify you of their decision and advise you regarding appropriate steps if you do not agree with the decision.
- The right to consent to disclosure of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is to Sterling College officials with *legitimate*

educational interests if the official has a *need to know* information from your educational record in order to fulfill his/her official responsibilities.

- The right to file a complaint with the U.S. Department of Education concerning any failures by the institution to comply with FERPA requirements.

Sterling College does not release student record information to outside entities without the student's expressed, written consent. There are, however, some exceptions. Directory information may be released to anyone upon request unless a student stipulates otherwise. This information includes the student's name, address, phone number, email address, date and place of birth, major field of study, FT/PT status, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degree and awards received (such as Dean's Honor Roll), and the last school attended by the student.

You have the right to withhold the release of directory information. To do so, you must indicate no release of directory information on the Sterling College "Information Release Form" available in the Student Life or Registrar's Office. Keep in mind that a "no release" applies to all elements of directory information on your record. Sterling College does not apply a "non-disclosure" differentially to the various directory information data elements. Also, having a "no release" on your record will preclude release of such information to parents, prospective employers, news media, honor societies, and other sources outside the institution.

If a student is claimed as a dependent on his or her parent's federal income tax return, the College automatically has permission to release necessary information concerning academic record, health status, social and moral development to the parents.

For more detailed information about the *Privacy Act (FERPA)* go to the U.S. Department of Education: www.ed.gov/policy/gen/guid/fpco/ferpa/index.html

Statement of Financial Condition

Information about the institution's financial condition is included in IRS Form 990, "Return of Organization Exempt from Income Tax" and may be obtained through the Office of Financial Services. Requests should be made to the Director of Financial and Administrative Services.

Accreditation and Associations

Sterling College is accredited by *The Higher Learning Commission* and is a member of the *North Central Association of Colleges and Secondary Schools* (800-621-7440), www.ncabl.org, and by the *Kansas State Board of Education*, Topeka, KS. The Education Licensure program is accredited by the Council for Accreditation of Educator Preparation (CAEP), and the Athletic Training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The College is approved for education of veterans under the GI Bill of Rights. Women graduates are eligible for membership in the American Association of University Women. Sterling College maintains membership in the Council of Independent Colleges (CIC), Council for Higher Education Accreditation (CHEA), the Council for Christian Colleges and Universities (CCCU), the Kansas Collegiate Athletic Conference (KCAC), the Kansas Independent College Association and Kansas Independent College Fund (KICA/KICF), Kansas Association of Colleges of Teacher Education (KACTE), Kansas Association for Private Colleges of Teacher Education (KAPCOTE), Commission on Accreditation of Athletic Training Education (CAATE), and the Associated Colleges of Central Kansas (ACCK).

The Council for Christian Colleges and Universities (CCCU) is a coalition of 181 member colleges and universities throughout the world that provides support for the member institutions and course opportunities for the students enrolled at member institutions. Programs available through the CCCU are listed on page 68.

The Associated Colleges of Central Kansas (ACCK) is a consortium founded in 1966 by Sterling and five other liberal arts, regionally-accredited, and church-related colleges within 40 miles of McPherson, Kansas, and are incorporated as an association of colleges with an office and central staff located in McPherson. The ACCK provides for its member colleges a shared computing system and an active interlibrary loan and service system. Sterling's students have access to classes taught on the other campuses and to cultural and athletic events. Several courses are shared among the six colleges, including special education and some secondary teacher education courses. The ACCK academic calendar can be accessed via the following link: https://www.acck.edu/ICS/ACCK_academic_calendar.jnz.

The Academic Year

Sterling College uses a “4-1-4” calendar, with two approximately 15-week semesters separated by a three-week Interterm for traditional on-campus classes. During Interterm, students enroll in a single class to concentrate their efforts on one course. This allows a greater diversity of course topics and formats, including off-campus courses.

Admissions

All prospective students are encouraged to visit the College and become acquainted with the campus, faculty, coaches, staff, and students. Many scholarships are determined through personal interviews and auditions.

Procedures

A student will be considered for admission to the College when the following documents have been received by the admissions office:

1. A completed application. Mailed applications must be accompanied by the non-refundable processing fee,
2. An official record of all high school and college transcripts and/or knowledge folios,
3. Official results from either the ACT or SAT exams as required.

Credit by Examination

1. **AP Exam:** Sterling College grants credit for scores of 3 or higher. The grade of “pass” will be recorded on the student’s transcript. (Contact the Registrar for details.)
2. **CLEP (College-Level Examination Program):** Sterling College grants credit without grades for satisfactory scores on CLEP exams according to the American Council on Education recommendations.
3. **DANTES (Defense Activity for Nontraditional Education Support):** The DANTES program was developed by the Department of Defense to help service members meet their educational goals. DANTES sponsors a

wide range of examination programs. Credit is awarded according to the American Council on Education recommendations.

4. **Institutional Credit by Examination:** Sterling College provides its own program of credit by examination (popularly called “test out”) in some subjects. In general, grades of A, B, C, and No Credit may be obtained. Students who receive a grade of A or B may ask to have the grade and the credit recorded on their transcripts for an additional fee; students who receive a C may be excused from taking the course in question as part of the requirements but may not receive college credit. Application to take examinations for credit should be made to the Registrar’s Office. Exams must be approved by the department chair and instructor.
5. **Credit for Prior Learning:** Students can earn college credit for what they have learned at work, through military or community service, or through life experience. Sterling College accepts up to 15 hours of credit from the Council for Adult and Experiential Learning (CAEL). Interested students are encouraged to contact CAEL at www.learningcounts.org for information on how to prepare a portfolio of evidence to be evaluated by CAEL.

International Baccalaureate

Sterling College awards credit for International Baccalaureate (IB) courses in higher level subjects with scores of 5 or better. The specific credits awarded will be determined by the appropriate academic department. Up to 12 credits can be earned through IB courses.

First-Year Students

For admission, first-year students must have a 2.2 cumulative high school grade point average (on a 4-point scale) and a minimum ACT composite score of 18 (or the equivalent SAT total score of 1290). First-year students who completed high school more than 5 years ago are not required to submit an ACT or SAT score, and admission for these students will be based on high school grade point average. Students who do not meet the minimum admission requirements may appeal to the Admissions Committee to be considered for acceptance on probationary status.

Students are admitted by letter from the Office of Admissions when the following credentials have been received documenting that admissions requirements have been met:

1. *Transcript of Secondary School Work*

Graduation from an accredited high school or an equivalent level of achievement is required for regular first-year status. Applicants may be accepted, however, on the basis of six or seven semesters of high school with the understanding that the remaining credits must be completed at a satisfactory level of quality. A General Education Development (GED) diploma is regarded as the equivalent of high school graduation.

Sterling College welcomes applications from home schooled students. In addition to an academic transcript and/or knowledge portfolio, and ACT or SAT scores, Sterling College may require placement exams in math or writing.

Athletes must adhere to NAIA regulations for eligibility.

2. *Records of Ability*

Entering full-time, first-year students, as noted above, must submit either ACT or SAT scores before official acceptance can be granted.

Transfer Students

Courses taken at another institution will be evaluated by the Registrar for transfer credit. All prior academic work must be reported for evaluation. Sterling College reserves the right to decline the transfer of courses completed at an unaccredited institution.

For full admission to Sterling College, transfer students must have a 2.0 cumulative college grade point average (on a 4-point scale) of transferrable credit. If less than 12 semester credits have been earned at the college level, students must also have a minimum ACT composite score of 18 or SAT composite score of 1290 unless it has been more than 5 years since high school. Transfer students who do not meet the minimum admission requirements may appeal to the Admissions Committee to be considered for acceptance on probationary status.

The policies for admission for transfer students are as follows:

1. Transferring students will provide official transcripts to the Registrar of Sterling College for evaluation. Courses being transferred must have a grade of C- or better.
2. Remedial/preparatory level credits will not be accepted toward graduation. Remedial /preparatory courses with a Sterling College equivalent will count toward athletic eligibility.
3. Sterling College does not accept credit for athletic participation.
4. No more than 65 credit hours from a two-year college will count toward Sterling College graduation requirements.
5. Courses submitted for transfer from institutions not accredited by a regional accrediting agency will be accepted if one of the following criteria is met:
 - a. a grade of C or better in a succeeding course taken at Sterling,
 - b. a passing grade on an examination for the specific subject, and/or
 - c. a written notification from the Registrar and appropriate department head stating the equivalency of each course in question.
6. In order to graduate from Sterling College, transfer students must fulfill all requirements for the respective Bachelor degree as defined by the major. They must meet all general education requirements and specific departmental requirements for the major as well as the residency requirements (32 credits taken at Sterling College). A minimum of six credits must be taken in the department of one's major to enable a transfer student to receive a Sterling College major; a minimum of three credits is required for a minor.
7. Transfer students who have earned Associate of/in Arts (A. A.) or Associate of/in Science (A.S.) degree from a Kansas community college with a cumulative grade point average (GPA) of 2.5 or higher on a four-point scale are considered to have all of the Sterling College general education requirements completed except for the Theology and Ministry Department courses and GD 105 Foundations of Servant Leadership.

Students Who Are Not Seeking a Degree

Transcripts and standardized test scores are not needed for admission of applicants who are not seeking a degree or initial teacher licensure. Those holding a current Kansas teaching license must provide license information to be admitted for pursuing the Special Education Add-on Endorsement. Students who are admitted under this policy but later decide to seek a degree must then reapply under the standard admissions procedures (page 14).

Early Admission

Gifted high school students completing the 11th grade may apply for admission to Sterling College. The applications are reviewed in the same manner as those of high school graduates. Strong approval by a high school administrator is essential.

Auditors

A student may audit classes to gain understanding of the topics, but cannot participate in testing. Auditors do not receive a grade or academic credit. Students who wish to audit classes must be granted admission to the College and receive approval from the course instructor. See page 54 for further information.

International Students

Applicants from other countries must submit an application for admission, official transcript from their high schools and any colleges they have attended, and all school test scores, school-leaving examinations, or country-wide standardized tests. International students are required to submit their academic transcripts to World Education Services (WES) for transcript evaluation. Information and procedures can be found at www.wes.org. In addition, international students should submit scores for the Test of English as a Foreign Language (TOEFL) which demonstrates proficiency in the use of the English language. Generally, a minimum TOEFL score of 525 (paper-based PBT); 195 (computer-based CBT); or 70 (internet-based iBT) is required for admission. Sterling College does not offer English as a Second Language (ESL) courses.

1. **Payment Terms:** the I-20 form will not be issued until the student's first semester is paid in full. Each subsequent semester must be paid in full by the following dates:
 - a. Fall Semesters: July 15th

b. Spring Semesters: December 15th

Schedules will be dropped if the deadline is not met.

Readmission

Any student wishing to return to Sterling College after an interruption in consecutive semesters of attendance must complete an application form through the Office of Admissions and arrange for official transcripts from each college attended since leaving Sterling to be sent to the Office of Admissions. In order to be readmitted, the application form must be approved by the appropriate administrative officers, the Registrar, and the financial aid and business offices.

Veterans

Veterans are encouraged to consider the advantages of completing their studies at Sterling College.

1. Veterans who were not able to complete high school before going into the armed services will be eligible for admission upon receiving sufficiently high scores in the General Education Development (GED) tests.
2. The College will grant college-level credit for service training and experience based upon the recommendations in the most recent version of "*A Guide to the Evaluation of Educational Experiences in the Armed Forces.*" Official records of participation must be presented to the Registrar for credit to be granted.
3. Sterling College is approved to offer veterans' educational benefits.

Deposit

Before registration, a deposit is required to reserve your place in classes, a residence hall, and to hold your Financial Aid package. The deposit is \$100 for residential students and \$50 for commuting students.

Orientation

For many students, entering college is a major transition and can be a challenge. Students encounter new people and face new expectations. To make the transition

as smooth as possible, Sterling College offers an orientation program for both new students and their parents which provides opportunities for social involvement with others while learning more about the College.

Foundations of Servant Leadership: This mandatory one credit course focuses on Sterling College’s history and culture, skills for academic success and life-long learning, career planning/choosing a major, and faith development. Upon entrance, new students are assigned to a seminar group that provides the context to assist students with their transition to college life during orientation and fall semester.

Educational Expenses

The tuition charge at Sterling College covers classroom instruction and lectures. Room and board costs include housing in college residence halls and meals in the college cafeteria while school is in session. Student teachers are required to follow the calendars of the schools in which they are assigned to teach. Should a student teacher find a situation where Sterling College is closed for a particular break and the assigned school is not closed, the student teacher will assume the cost of his or her room and board.

Special Fees include extra charges for special services and instruction such as private lessons. Students are responsible for the purchase of textbooks and any requested specialty items for certain classes. These will be specified at the beginning of each semester. Students must provide their own transportation for classes meeting on other campuses and for student teaching.

Sterling College reserves the right to change tuition and fees at any time.

Annual Schedule of Charges 2015-2016*

TUITION

Full-time (12 - 17 hours) (Includes interterm** up to 4 credit hours)	\$22,700.00
Part-time (1 - 6 hours) per credit hour	\$425.00
Part-time (7 - 11 hours) per credit hour	\$725.00
Sterling College Online per credit hour	\$350.00

NEW AND READMITTED STUDENT FEES

Initial Application Fee		\$25.00
Advance Deposit:	Commuter	\$50.00
	Residential	\$100.00

MISCELLANEOUS FEES

Audit Fee (per credit hour)		\$55.00
Late Registration Fee		\$25.00
Overload Fee per credit hour (over 17 credits per semester <u>or</u> over 4 credits during Interterm)***)		\$425.00
Credit by Examination (per credit hour)		\$50-\$100
Graduation Fee (assessed regardless of whether the student attends commencement)		\$100.00
Transcript Fee (In-State) (first one no charge)		\$6.50
Transcript Fee (Out-of-State) (first one no charge)		\$6.00
Returned Check Fee		\$25.00
Class fees		\$15.00 - \$85.00
Campus Activity Fee		\$650.00
Student Teaching and Placement Fee (Estimate)		\$200.00
	(Additional fees for long distance may apply)	
Diploma Replacement Fee		\$75.00
Parking Fee		\$50.00

PRIVATE MUSIC LESSONS (In addition to regular tuition)

Per credit hour		\$300.00
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BOARD

200 meal block		\$4561.00
Unlimited meals		\$5010.00

HOUSING

Full Rate		\$3100-\$3400.00
Reduced Rate		\$2500.00
Single Rate		\$3600.00
Douglas Residence Halls		\$3400-\$3800.00

* For subsequent years, students should consult the *Annual Schedule of Charges* available from the Business Office. Some costs may change after this catalog has been printed.

** Tuition, Room, Board, and Fees will be charged for students not attending full time in either the Fall or Spring semester.

*** Overload fee is not charged to students enrolled in 18 credit hours who are also enrolled in Band or Choir.

STUDENT INSURANCE

Information about health insurance can be found at <http://insureks.org>.

FINANCIAL CLEARANCE

Financial matters must be in order by August 15th (fall semester) or January 15th (spring semester). Students who fail to pay any amounts due are not eligible to re-enroll, receive grades, transcripts, or diplomas until the account has been settled. In the event debt is placed in the hands of a collection agency and/or attorney for collection, the student agrees to pay all reasonable collection agency and attorney fees. The College reserves the right to charge a student for damages to College property.

All students must receive financial clearance from the Financial Aid/Student Account offices. In order to receive financial clearance, students must have completed a Billing Contract and one of SC's payment plans. Failure to have all financial matters settled by the add/drop date each semester may lead to dismissal from school.

COLLEGE PAYMENT PLANS

Plan One:

Pay net amount due by August 15th of the fall semester or by January 15th for the spring semester. The net amount due represents total charges, less any scholarships, grants, or student loans confirmed by the Financial Aid Office. Sterling College accepts Visa, Discover, and Mastercard. Online payments may be made through the secure student portal by selecting "Pay on My Account" located in the student account information.

Plan Two:

Enroll in a tuition payment plan that spreads net amount due over each semester. Sterling College partners with Tuition Management Systems (TMS) <https://sterling.afford.com>. The annual fee is only \$55 to set this up and students/families can be on an 8, 9, 10, 11, or 12 month payment plan. There is no interest with this monthly payment plan. All plans end in April.

Plan Three:

Pay net amount using any Alternative Loans or Parent Plus loan. All paperwork must be received in the Financial Aid Office by August 15th for fall or January 15th for spring. THIS IS VERY IMPORTANT!

Plan Four:

Payment agreements can be made with the business office for any student who **does not have a past due balance AND their net due will be below \$2500.00** for the semester. In order to qualify for a payment agreement with the school directly, all federal loans available must be applied on the student's account. The plan will consist of the balance being paid in full by December 15th of the fall semester, or May 15th of the spring semester. Finance charges of 2% on unpaid balances will be charged monthly.

SPECIAL BENEFITS

The following special benefits are provided for students taking courses at Sterling College:

1. No tuition is charged for one course per semester to students over 60 years of age, as space is available.
2. Reduced tuition is charged for a maximum of six (6) credits per semester for high school students.

LIABILITY and CREDIT FOR WITHDRAWAL FROM THE COLLEGE

By registering for classes or completing housing or meal plan applications, a student incurs a legal obligation to pay tuition, fees, room, and board.

Students who leave prior to the start of classes will be charged for room and board; charges are pro-rated per day on campus.

Students who have attended class should read the Financial Aid section on page 32 regarding withdrawal information.

Tuition, room, and board are the only charges available for refunds.

Financial Assistance

The Sterling College Financial Aid Office exists to assist students with funding and achieving their academic goals. Financial aid programs consist of scholarships, grants, loans, and work-study. The Financial Aid Office is located in Kelsey Hall. Sterling College participates in the following aid programs, and students must first be accepted for admission to receive funding from those programs.

Definitions

Agreement to Serve (ATS): The binding agreement you must sign to receive a TEACH Grant. By signing the ATS, you agree to teach (1) full-time, (2) in a high-need field, (3) at a low-income school or educational service agency that serves certain low-income schools, and (4) for at least four complete academic years within eight years after completing (or ceasing enrollment in) the course of study for which you received the grant. If you do not complete your teaching service agreement, the amounts of the TEACH Grants you received will be converted to a Direct Unsubsidized Loan that you must repay with interest charges from the date of each TEACH Grant disbursement.

Cost of Attendance (COA): The total amount it will cost you to go to school—usually stated as a yearly figure. COA includes tuition and fees; room and board (or a housing and food allowance); and allowances for books, supplies, transportation, loan fees, and dependent care. It also includes miscellaneous and personal expenses, including an allowance for the rental or purchase of a personal computer; costs related to a disability; and reasonable costs for eligible study-abroad programs. For students attending less than half-time, the COA includes tuition and fees and an allowance for books, supplies, transportation, and dependent care expenses, and can also include room and board for up to three semesters or the equivalent at the institution. But no more than two of those semesters, or the equivalent, may be consecutive. Contact the financial aid administrator at the school you are planning to attend if you have any unusual expenses that might affect your COA.

Completed File: In order for a student to be packaged with State and Federal aid he or she must have a completed financial aid file. A completed file consists of all required documents being submitted for the following: (1) verification, (2) discrepancies, (3) dependency over-rides, and (4) any other required documents requested by the financial aid office.

Delinquent: A loan is delinquent when loan payments are not received by due dates. A loan remains delinquent until the borrower makes up the missed payment(s) through payment, deferment, or forbearance. If the borrower is unable to make payments, he or she should contact his or her loan servicer to discuss options to keep the loan in good standing.

Dependent Student: Dependent students are required to include parental information on the FAFSA. If you can answer no to all the following questions found at the following link, <https://studentaid.ed.gov/sa/fafsa/filling-out/dependency#dependent-or-independent>, then you would be considered a dependent student for the 2015-2016 academic year.

Expected Family Contribution (EFC): This is the number that is used to determine your eligibility for federal student financial aid. This number results from the financial information you provide in your FAFSA, the application for federal student aid. Your EFC is reported to you on your *Student Aid Report* (SAR).

FAFSA: *Free Application for Federal Student Aid*

Financial Need: The difference between the cost of attendance (COA) at a school and your Expected Family Contribution (EFC). While COA varies from school to school, your EFC does not change based on the school you attend.

Full Time Enrollment: Students who are enrolled in 12 or more credit hours per semester are considered to be enrolled full time. At Sterling College a student must be enrolled full time in order to be eligible for institutional scholarships and State scholarships.

Half Time Enrollment: Students who are enrolled in 6 to 8 credit hours per semester are considered to be enrolled at a half time status. Students must be enrolled in at least 6 hours in order to be eligible for Federal Aid.

Independent Student: Independent students are not required to include parental information on the FAFSA. If you can answer yes to any of the following questions found at this link, <https://studentaid.ed.gov/sa/fafsa/filling-out/dependency#dependent-or-independent>, then you would be considered an independent student for the 2015-2016 academic year. Some of the statuses that make you independent will require additional documentation be submitted to the financial aid office for verification.

Priority Deadline: Sterling College sets priority deadlines on certain funds that are limited. If a student is eligible for a limited fund grant, it is important that they meet the priority deadline in order to be considered for receipt of the grant.

Promissory Note: The binding legal document that you must sign when you get a federal student loan. It lists the terms and conditions under which you agree to repay the loan and explains your rights and responsibilities as a borrower. It's important to read and save this document because you will need to refer to it later when you begin repaying your loan or at other times when you need information about provisions of the loan, such as deferments or forbearances.

Subsidized Loan: A loan based on financial need for which the federal government pays the interest that accrues while the borrower is in an in-school, grace, or deferment status. For Direct Subsidized Loans first disbursed between July 1, 2012, and July 1, 2014, the borrower will be responsible for paying any interest that accrues during the grace period. If the interest is not paid during the grace period, the interest will be added to the loan's principal balance.

Unsubsidized Loan: A loan for which the borrower is fully responsible for paying the interest regardless of the loan status. Interest on unsubsidized loans accrues from the date of disbursement and continues throughout the life of the loan.

Withdrawal from Program: A student is considered a withdrawal from the program/college when he or she removes themselves from all enrolled hours for any given semester/term. For the process to withdraw from courses and the implications to financial aid, refer to withdrawals and refunds later in this section.

Federal Aid

The following is a list of federal financial aid programs. Students must complete the Free Application for Federal Aid (FAFSA) and have a completed financial aid file before being awarded Federal funds. This would include completing the Verification Process (if chosen), resolving any discrepancies on the FAFSA, and submitting all required documents. Any questions regarding the financial aid process can be directed to the financial aid office by calling 620-278-4207 or emailing fnaid@sterling.edu.

Federal Pell Grant

A federal grant that is given based on the need of the student. To determine if a student is eligible for the PELL grant he or she must complete the [Free Application for Federal Student Aid \(FAFSA\)](#). The maximum amount a student may be eligible for

at full-time enrollment is \$5,775 during the 2015-2016 award year. This is a need-based grant therefore not everyone who applies will be eligible.

Federal Supplemental Educational Opportunity Grant (FSEOG)

A federal grant for students with exceptional financial need and low family contribution (priority given to zero (0) EFC's). To apply the student must complete the FAFSA. Funds are limited and awarded on an availability basis. Priority deadline is March 15th.

Federal Direct Loans

A long-term loan for eligible students. These loans are funded by the government to students for the purpose of aiding in the education process. If a student enrolled in an eligible program of study at least half-time (6 credit hours), he or she may receive a Direct Loan. To determine eligibility the student must complete the FAFSA and meet other general eligibility requirements. In addition, entrance counseling and a promissory note must be completed. Direct Loans are either subsidized or unsubsidized.

- **Subsidized Direct Loan**

Subsidized Direct Loans are awarded on the basis of financial need. Interest charges will occur immediately after the student falls below 6 credit hours per semester or graduates from the institution. The federal government subsidizes the interest while a student is enrolled at least at a half-time status.

- **Unsubsidized Direct Loan**

Unsubsidized Direct Loans are not need based loans. The student will be charged interest from the time the loan is disbursed until it is paid in full. If no payments are made on the loan while the student is in school, the interest on the loan will accumulate on the loan and it will be capitalized – that is, the interest will be added to the principal amount of the loan and additional interest will be based upon the higher amount.

- You may receive a subsidized loan and an unsubsidized loan for the same enrollment period.

Federal Perkins Loan

A long-term loan for eligible students with financial need. To determine eligibility the student must complete the FAFSA. In addition, a promissory note must be signed with Sterling College. Funds are limited and awarded on an availability basis. Priority deadline is March 15th.

Federal Direct PLUS Loan

A long-term, no-need loan for parents of dependent students. To apply, the student must

complete the FAFSA, and a parent must complete a PLUS loan application (for credit approval) and a promissory note. Applications will need to be completed annually. The Parent PLUS loan is based on the parent's credit score. Denial of a Parent PLUS loan results in additional unsubsidized loan eligibility for the student.

Federal Work-Study

Federal Work Study (FWS) is a federally subsidized program designed to promote part-time employment of financially eligible students to help avoid excessive debt while in school. Students who are awarded FWS must secure employment and earn FWS funds.

The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program

Provides non-need grants of up to \$3,708 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families and in a high-need field for a minimum of 4 years. The list of fields and schools is updated yearly and may be found at: <http://www.ed.gov/about/offices/list/ope/pol/tsa.doc> and <https://www.tcli.ed.gov/CBSWebApp/tcli/TCLIPublicSchoolSearch.jsp> Students must qualify for the TEACH grant by scoring above the 75th percentile on a college admissions test or maintain a cumulative GPA of at least 3.25, complete entrance counseling, and an agreement to serve each year the grant is received.

If a recipient fails to complete the service requirements, all amounts of TEACH Grants received will be converted to a Federal Direct Unsubsidized Loan that requires repayment to the U.S. Department of Education. Interest will be charged from the date the grant(s) was disbursed. Contact the Financial Aid Office for more information.

Iraq and Afghanistan Service Grant

A student who is not eligible for a Pell Grant but whose parent or guardian was a member of the U.S. Armed Forces and died as a result of service performed in Iraq or Afghanistan after September 11, 2001 may be eligible to receive the Iraq and Afghanistan Service Grant. Students must complete the FAFSA, be under 24 years old, or enrolled in college at least part-time at the time of the parent's or guardian's death.

State of Kansas Aid

The following is a list of state financial aid programs. Students must complete the Free Application for Federal Aid (FAFSA) and have a completed financial aid file before being awarded State funds. This would include completing the Verification

Process (if chosen), resolving any discrepancies on the FAFSA, and submitting all required documents. Any questions regarding the financial aid process can be directed to the financial aid office by calling 620-278-4207 or emailing finaid@sterling.edu.

Kansas Comprehensive Grant (KCG) A need-based, state funded, grant to help assist students who demonstrate need. To apply the student must submit the Free Application for Federal Student Aid (FAFSA). Requirements are as follows:

1. Be a Kansas resident who has not received a bachelor's degree.
2. Be a full-time student attending a fully accredited independent Kansas College.
3. Renewal requires a cumulative grade point average (CGPA) of 2.0 and continued financial need.

Funds are limited and awarded on an availability basis. Priority deadline is March 15th.

Minority Scholarship

The Kansas Ethnic Minority Scholarship program is designed to assist financially needy, academically competitive students who are identified as members of any of the following ethnic/racial groups: African American, American Indian or Alaskan Native, Asian or Pacific Islander, or Hispanic.

Priority Deadline: May 1.*

Kansas State Scholarship

The Kansas State Scholarship is designed to assist financially needy students in the top 20-30% of Kansas high school graduates who are designated as state scholars during the senior year of high school. To be eligible to apply for the Kansas State Scholarship, during their senior year Kansas high school students would have:

1. received a certificate stating completion of the required curriculum **AND**
2. received a letter stating that the student was *designated* by the Kansas Board of Regents.

Priority Deadline: May 1.*

Kansas Teacher Service Scholarship

The Kansas Teacher Service Scholarship is a merit-based service obligation scholarship program that provides financial assistance to students pursuing bachelor's degree programs or currently licensed teachers pursuing endorsement in hard-to-fill disciplines, master's degrees in hard-to-fill disciplines, or either group

planning to teach in an underserved geographic area. Recipients sign agreements to teach one year in Kansas for each year of scholarship support.

Priority Deadline: May 1.*

***All State of Kansas aid can be applied for at www.kansasregents.org**

Institutional Aid

Sterling College Financial Aid Office desires to meet the needs of its students as equitably as possible. Financial Aid is awarded on the basis that a student is full time and will be living on campus. Any of the following variations will result in the financial aid award being adjusted at time of disbursement:

1. Off campus housing will result in a student's institutional aid being reduced by one-third.
2. Dropping below a full-time status (less than 12 credit hours per semester) will result in institutional aid being reduced to zero.
3. Veterans-Yellow Ribbon recipients.

A student's financial aid may be reduced after disbursement if the student has enrolled in a course that they never started participation in, and non-participation in this course causes the student to fall below full time status. Before dropping any courses it is recommended that students contact the Financial Aid Office.

Best Semester: If students are considering exploring the world outside of their classroom by participating in the Best Semester Program they will want to check with the Financial Aid Office to determine how this will affect their eligibility for institutional scholarships.

Academic Scholarships are available to incoming first-year and transfer students. Applicants for these scholarships must be accepted for admission. Academic scholarships are based on high school performance and are renewable throughout one's college career as long as academic performance meets specified standards, including satisfactory academic progress. Cumulative GPAs are considered and must meet the published criteria.

In addition to an academic scholarship, a student may be awarded an activity award based on interest and participation in activities which include Athletics, Fine and Performing Arts, and Ministry Teams.

Academic Scholarship Renewal Process: Students with an academic scholarship will be reviewed for eligibility on an annual basis after spring grades post. Warning letters will be sent to all students at the end of the fall semester, prior to the annual review, who are in danger of being placed on Academic Scholarship Probation at the end of the spring semester. A student who is placed on Academic Scholarship Probation will be notified by the Financial Aid Office of his or her current status. The student will have one (1) academic year to meet the criteria of the academic scholarship or the student may be in danger of receiving a reduction to his or her academic scholarship. Criteria for all academic scholarships can be found on the Sterling College website. An appeal process will be available for students with extenuating circumstances. For more information on this process students can contact the Financial Aid Office.

Sterling College Legacy Scholarship: Students whose parents attended Sterling College may be eligible for a legacy scholarship. Students should identify themselves to their Admissions Recruiter or the Financial Aid Office as being a legacy student.

College of Emporia Academic and Alumni Scholarships are sponsored by the C of E Alumni Association. Students should identify themselves to the Financial Aid Office as being children or grandchildren of C of E alumni.

Other Aid

National Presbyterian College Scholarships. NPCS scholarships are competitive and are awarded to entering first-year students who are communicant members of the Presbyterian Church (USA). Applicants must take the ACT or SAT no later than December of their senior year in high school. Information can be found at www.pcusa.org/financialaid.

Samuel Robinson Scholarships are available on a competitive basis to junior and senior students enrolled in any of the colleges related to the Presbyterian Church (USA) and are in the amount up to \$1000. Students memorize The Shorter Catechism and write an essay on an assigned topic. Further information can be obtained at www.pcusa.org/financialaid.

Park College Scholarship is a scholarship available to Presbyterian students who are accepted to Sterling College. This renewable scholarship requires a separate application and the FAFSA completed and submitted to Sterling College Financial

Aid Office by April 1. Applications for the Park Scholarship can be obtained in the Financial Aid Office.

Tribal Grants are for any student who is at least one-fourth American Indian, Eskimo, or Aleut, as recognized by a tribal group served by the Bureau of Indian Affairs. The amount is based on financial need and availability of funds from the area agency. Students must submit an application for financial aid and supportive documents by the deadline determined by each agency.

Other Awards: The Financial Aid Office has information on other types of grants, fellowships, and loans. This is assistance provided by outside agencies to students who make application, meet the qualifications, and are chosen to be the recipients by the funding agency. Students are encouraged to check with their local church and community about financial assistance opportunities.

Outside scholarship search sites are also a great resource for finding financial assistance. For more information regarding outside scholarships, visit the financial aid page at <https://www.sterling.edu/financial-aid/scholarships-and-grants>.

Withdrawals and Refunds

Federal regulations require the use of the Return of Title IV Funds policy for all students receiving any type of federal aid, when calculating the aid a student can retain after withdrawing from college. This policy relates to Federal PELL, Federal SEOG Grants, as well as Federal Perkins, Federal Direct Stafford, and PLUS Loans. At Sterling College, the same policy will be used for state and institutional aid.

These regulations govern the return of aid disbursed for a student who completely withdraws from a term or payment period. During the first 60 percent of the period/semester, a student “earns” aid in direct proportion to the length of time he or she remains enrolled. The percentage of time that the student remained enrolled determines the percentage of disburseable aid for that period that the student earned. A student who remains enrolled beyond the 60 percent point earns all aid for the period.

Students planning to withdraw need to start at the Student Life Office and request a Withdrawal Form. Institutional charges and financial aid will be adjusted once the Withdrawal Date has been determined. For students receiving financial aid, the refund must first be repaid to the Title IV programs, state grants, and institutional funds in accordance with existing regulations in effect on the Withdrawal Date and

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with respect to various types of aid. It is possible that the student who withdraws will still have an outstanding balance due to the College. The Withdrawal Date is determined as follows:

- **Official withdrawal.** The later date of when the student began the institution's official withdrawal process OR officially notified the institution of intent to withdraw.
- **Unofficial withdrawal.** The institution will always use the student's last day of attendance at a documented academically-related activity.

The percentage of the period that the student remained enrolled is calculated based on number of days the student was enrolled. Divide the number of days enrolled by the total days in the enrollment period. Calendar days are used including weekends, but breaks of at least five days are excluded from both the numerator and the denominator.

Students who withdraw or graduate from Sterling College will be required to complete Exit Counseling for Direct Loans and Perkins Loans before official transcripts or diplomas will be released. Direct Loan Exit Counseling can be completed at www.studentloans.gov. Perkins Loans Exit Counseling must be completed in the Financial Aid Office.

Distribution of Unearned Aid

If a student has not earned all of the federal aid received to date at the point of withdrawal, funds will be repaid in the following order:

Federal Direct Unsubsidized Stafford Loan
Federal Direct Subsidized Stafford Loan
Federal Perkins Loan
Federal Direct PLUS Loan
Federal PELL Grant
Federal SEOG Grant
Federal TEACH Grant
State grant and scholarship funds
Institutional Aid

Overpayment

In the event a student has received funds for living expenses and an overpayment occurs, Sterling College will notify the student of the overpayment. It is the

student's responsibility to return the overpayment to the proper federal program. Students who fail to repay overpayment will not be eligible for additional federal financial aid funds, at any institution, until the overpayment has been satisfied. Examples of the application of the refund policy are available to students upon request by contacting the Financial Aid Office.

Satisfactory Academic Progress (SAP)

Federal student financial assistance regulations require Sterling College, as an institution offering federal student financial assistance, to measure Satisfactory Academic Progress (SAP) of each attending student on a regular basis. **SAP, as assessed by Sterling College's Financial Aid Office, is separate and distinct from a student's academic standing as determined by his/her college or academic unit at Sterling College.** SAP is a method of measuring a student's progress toward program completion. To be eligible for federal aid, a student must maintain satisfactory academic progress. SAP is measured through the use of qualitative and quantitative tests. Qualitative tests reference a student's grades (e.g. cumulative GPA) and quantitative tests reference how much time has elapsed since the student began his/her program of study (i.e. length/duration).

Students who are placed on SAP exclusion, as detailed below, are ineligible to receive federal student financial assistance. Examples of assistance include: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Perkins Loan, Federal Work Study, Federal Direct Loan (subsidized and/or unsubsidized), Federal Direct Parent PLUS Loan, Teacher Education Assistance for College and Higher Education (TEACH) Grant, and the Iraq and Afghanistan Service Grant.

Sterling College's Financial Aid Office is responsible for measuring SAP for the purposes of monitoring federal student aid eligibility. The Satisfactory Academic Progress standards outlined in this policy are as strict as or stricter than Sterling College's institutional academic progress policies for students pursuing an educational credential. Specifically, Sterling College's degree requirements do not impose a set time frame in which a student must have successfully completed his/her academic program.

SAP Evaluation Increments

In accordance with the final program integrity regulations, published October 29, 2010, on the topic of SAP by the U.S. Department of Education, Sterling College's Financial Aid Office has elected to measure SAP at the conclusion of each regularly

scheduled semester/term. At Sterling College the semester/term represents a student's payment period for federal financial assistance. Consequently, SAP will be measured in increments of single terms, i.e. at the conclusion of each fall, spring, and summer term.

Quantitative Measure (Length/Duration)

Sterling College's Financial Aid Office utilizes a quantitative test to measure a student's maximum time frame toward his/her degree completion. The quantitative test is:

- Ratio of Attempted to Completed Units Cumulative Test

The maximum attempted units may not exceed 150% of the published length of the educational program. Where a student has successfully transferred course credits from other post-secondary institutions to Sterling College, those credits are included in the Maximum Attempted Units Test noted above. More specifically, each credit successfully transferred to Sterling College is considered to represent one attempted unit which was successfully completed.

Qualitative Measure (GPA)

Sterling College's Financial Aid Office utilizes a qualitative test to measure a student's academic standing necessary to complete his/her degree program.

The Cumulative GPA Test is utilized by Sterling College's Financial Aid Office to measure the qualitative component of SAP for its undergraduate student population. To pass this test, undergraduate students with less than 32 credit hours must maintain a cumulative GPA of 1.85 or higher; undergraduate students with 32 or more hours must maintain a cumulative GPA of 2.00 or higher.

SAP Statuses and Implications

As a student's SAP is evaluated at the regularly scheduled increments, Sterling College's Financial Aid Office will typically place one of four differing SAP statuses upon a student. They are:

- **Good Standing** – This status is indicative that a student has successfully passed all of the applicable quantitative and qualitative tests that were deployed in evaluating his/her SAP status. The student has passed the SAP eligibility criteria to receive federal student financial assistance.

- **Warning** – Since Sterling College’s Financial Aid Office endeavors to evaluate student SAP at the conclusion of each regularly scheduled term (fall, spring, summer), a student may be placed on SAP Warning. A student who has been placed on Warning from a previous status of Good Standing retains his/her federal student aid eligibility for one subsequent term of enrollment. A student on Warning status is not required to successfully appeal his/her SAP status to receive federal student financial assistance. Typically, a status of Warning will be conferred on a student when his/her SAP status of Good Standing is downgraded at a subsequent evaluation where the student fails to pass one or more of the applicable SAP tests outlined above.
- **Exclusion** – This status indicates that the student is no longer eligible to receive federal student financial aid. Typically, a status of Exclusion will be conferred on a student where he/she failed to pass one or all of the deployed SAP tests following a term in which his/her status had been determined to be Warning. A student may also be placed on exclusion from a previous SAP status of Probation-Academic Plan where the student failed to meet the academic expectations for the term in review.
- **Probation – Single Term** – This status allows a student to receive federal financial assistance for a potential period of time equal to a single term following the successful appeal by the student of his/her SAP Exclusion status. This status may be conferred on a student by the Financial Aid Office utilizing professional judgment after reviewing the student's SAP appeal file in response to an Exclusion status. This status requires the creation of an academic plan that outlines academic recovery objectives over a single term. A student with a status of Probation-Single Term is evaluated at the conclusion of the term in an effort to determine if the student has successfully met the objectives for that particular term. Provided the student meets the objectives for the term, he/she will return to a status of Good Standing. Conversely, if a student with a SAP status of Probation-Single Term fails to meet the objectives for the term, as set out as a condition of this status, the student's SAP will be downgraded to Exclusion with the resulting loss of federal student eligibility at the time of evaluation.
- **Probation – Academic Plan** - This status allows a student to receive federal financial assistance for a potential period of time greater than one term following the successful appeal by the student of his/her SAP Exclusion status. This status may be conferred on a student by the Financial Aid Office utilizing professional judgment after reviewing the student’s SAP appeal filed in response to an Exclusion status. This status requires the creation of an academic plan that outlines academic recovery

objectives over consecutive terms. A student with a status of Probation – Academic Plan is evaluated at the conclusion of each term in an effort to determine if the student has successfully met the objectives for that particular term. Provided the student meets the objectives for a given term, he/she will remain on the Probation – Academic Plan status and will not be required to file an additional SAP appeal. Conversely, if a student with a SAP status of Probation – Academic Plan fails to meet the objectives for a given term, as set out as a condition of this status, the student's SAP will be downgraded to Exclusion with the resulting loss of federal student eligibility at the time of evaluation.

Appeals

If a student is found to be in violation of the Satisfactory Academic Progress guidelines and has been placed on financial aid exclusion, an appeal process is available for extenuating circumstances. Appeals are reviewed based on a documentable extenuating circumstance impacting academic performance. Extenuating circumstances are considered to be past events that are no longer barriers to academic progress. The appeal application should support how the student is now in a position to be academically successful. Examples of extenuating circumstances considered for appeal are:

- Serious illness or injury to student or immediate family member (parent, spouse, sibling, child) that required extended recovery time
- Death of an immediate family member
- Significant trauma in the student's life that impaired the student's emotional and/or physical health
- Withdrawal due to military service
- Other unexpected circumstances beyond the control of the student.

Note: Circumstances related to the typical adjustment to college life are not considered as extenuating for purposes of appealing suspension of financial aid.

Appeals MUST include the following documentation:

- A completed Satisfactory Academic Progress (SAP) Appeal form which will include an explanation describing how extenuating circumstances resulted in the student's inability to maintain Satisfactory Academic Progress, and an explanation of what has changed that will allow the student to maintain Satisfactory Academic Progress at the next evaluation
- Documentation required to support the extenuating circumstances (*i.e. medical documentation, notice of death, accident reports, court documentation, or other relevant documentation*)
- Statement of the student's educational goals
- Academic advisor statement and approval of Academic Plan

All students who are not meeting SAP will be notified in writing by the Financial Aid Office. The letter will include a copy of the appeal form and instructions on how to file an appeal.

The above noted appeal form may also be obtained under the ‘forms’ link on the Financial Aid webpage (<http://www.sterling.edu/admissions/financial-aid/forms>). The completed form and required documents must be submitted to the Financial Aid Office for processing within 15 days of the date recorded on the notification letter.

Upon receipt of the completed appeal, the SAP Committee will review the information provided to determine if the student has encountered mitigating circumstances that warrant the continuation of federal student eligibility even though the student is not currently meeting the established SAP standards.

An appeal may be approved or denied. SAP appeal determinations are final and may not be contested.

Probationary Period

In the event that the SAP appeal is approved, a SAP status of Probation – Single Term or Probation – Academic Plan will be conferred on the student.

As a condition of the Probation statuses, the Financial Aid Office may set specific academic requirements. The requirements may include any combination of the following:

- successful completion of a set number of units for one or more academic terms,
- attainment of a set percentage of attempted vs. completed for one or more terms,
- attainment of a specific term GPA for one or more terms, and/or
- setting a limit on the number of units attempted for one or more terms.

Regaining Eligibility

Typically, to regain the SAP status of Good Standing a student must pass all of the quantitative and qualitative measurements applicable to his/her academic career as described in both the Quantitative Measurement and Qualitative Measurement sections above. However, on a case-by-case basis the Financial Aid Office may place a student on SAP Good Standing status where it has been determined that unique circumstances to the student render an incomplete assessment of the student’s true SAP status via the systematic tests deployed.

Communication of SAP Statuses

Generally, the Financial Aid Office makes no special provision to inform a student that he/she has a SAP status of Good Standing.

The communications outlined below typically take the form of either a paper or electronic (e-mail) notification. Electronic communications are sent to the student's official campus e-mail address.

- If it has been determined that a student has either a SAP status of Warning or Exclusion, the Financial Aid Office will communicate this status to the student along with the implications of the status in regard to federal eligibility.
- Probationary SAP status such as Probation-Academic Plan are communicated to the student upon the successful completion of the student's appeal process.
- In the event that a SAP appeal is denied, a communication is sent to the student when the determination is made.

Treatment of Repeated Coursework, Incomplete Coursework, Withdrawals from Coursework, and Coursework with Non-punitive Grade Assignments

- **Repeated Coursework**—Sterling College's Financial Aid Office will allow grades earned as part of repeated coursework to factor into a student's cumulative G.P.A. (qualitative) SAP status, while reserving the right, on a case by case basis, to include only the highest grade earned for a repeated course as part of a student's Exclusion appeal. This approach is premised on the understanding that, generally, a course may not be double counted toward a student's degree completion requirements. However, all attempts by a student, even repeated attempts, will be counted by the Financial Aid Office as part of the student's pace/max time-frame (quantitative) SAP status.
- **Incomplete Coursework**—Coursework that results in a status assessment of "incomplete" will have no impact upon a student's qualitative SAP component until grades have been attached to that coursework. However, all coursework with a unit value associated to it will be counted as part of a student's quantitative SAP component – irrespective of whether a status of "incomplete" has been attached to the coursework at the conclusion of the term or not.
- **Withdrawal from Coursework**—Withdrawals from coursework on or after the drop/add date for a given term are counted by the Financial Aid Office as part of the student's quantitative SAP evaluation. Conversely, if a student is withdrawn from a course prior to the term drop/add date,

that course will not count toward the student's quantitative SAP evaluation.

- **Coursework with Non-punitive Grade Assignments**—Coursework with non-punitive grade assignments such as audited courses or credit/no-credit grading schemes will be counted by the Financial Aid Office within the quantitative component of a student's SAP evaluation.
- **Remedial Coursework**—Remedial coursework will be counted by the Financial Aid Office within the quantitative component of a student's SAP evaluation.

Professional Judgment

The financial aid office has the authority under the law (section 479A of the Higher Education Act) to make adjustments, on the basis of adequate documentation, and on a case-by-case basis, to address circumstances not reflected in a student's original Free Application for Federal Student Aid (FAFSA).

When exercising professional judgement, the financial aid office will be mindful of statutory limitations and only address special circumstances, which are conditions that differentiate an individual student from a class of students. The purpose of a professional judgment is to determine an Expected Family Contribution (EFC) that reflects the student's family's current financial situation.

Each professional judgement request will be considered on a case-by-case basis and will require specific documentation for each case along with the Professional Judgment request form. All documentation must be received before a final decision can be determined. Students who request a professional judgment will automatically become a verifier unless already chosen by the Department of Education. Verification must be complete before a professional judgment can be considered. Professional Judgment forms and instructions can be obtained by contacting the financial aid office. The Professional Judgment form can also be found on the financial aid page on Sterling College's website. It is highly recommended that students contact the financial aid office to discuss this process before completing any forms or gathering any documentation.

Once a decision is made, the student will be notified of the determination along with any changes that are reflected in the financial aid awards for the year.

Verification

The financial aid office will verify all applications that have been selected by the Department of Education. If there is conflicting information in the file, the conflict must be resolved even if the application is not selected by the Department of Education for verification. The conflict may be resolved without being chosen for

total verification. Sterling College reserves the right to institutionally select student files on a case-by-case basis if there is reason to believe that data in the file or on the application is inaccurate.

Students must submit required verification documents no later than 45 days after the beginning of classes. If they fail to submit required documents, they may be packaged without federal aid. Once all documents are received, Sterling College will complete verification and re-package the student's financial aid.

Verification items for 2015/2016

There are five (5) different verification groups. If chosen for Verification, the student will be notified, by email, on how to complete the verification process. All verification groups will require a verification worksheet that coincides with the verification group. Some verification groups will require the student and parent to link their FAFSA financial information to the IRS through the Data Retrieval Tool located within the FAFSA. **It is highly recommended that all students link their FAFSA to the IRS through the Data Retrieval Tool located within the FAFSA.**

Below is a list of required documents and processes required for each verification group to complete the Verification:

Required Documentation (V1 and V6)

- Link the FAFSA to the IRS through the Data Retrieval Tool located within the FAFSA **OR**
- Submit a Tax Transcript along with copies of all wage documents (W-2's, 1099's, etc.)
- Complete and submit applicable Verification Worksheet
- Submit any additional documents requested by the financial aid office at the time of review

Required Documentation (V3, V4, and V5)

- Submit applicable Verification Worksheet
- Submit any additional documents requested by the financial aid office at the time of review

All worksheets will be emailed to student upon receipt of FAFSA. Additional or replacement forms can be obtained from the financial aid office or online at www.sterling.edu under the financial aid section/forms. For clarification on the correct form to complete and submit, please contact the financial aid office.

For students and/or parents who have been granted a tax filing extension, Sterling College will require a copy of IRS Form 4868, *Application for Automatic Extension of Time to File U.S. Individual Income Tax Return*. Student and parents must also provide

a copy of all their W-2 forms or, if they are self-employed, a signed statement with amount of their AGI and their U.S. income taxes paid.

In instances where a student or parent is required to provide copies of a W-2 and they did not save their copy, they should request a replacement copy from the employer who issued the original W-2.

Students should contact the financial aid office if they are experiencing any challenges completing the verification process.

Verification Completed

Once verification is completed, packaging procedures and process will be followed.

Documentation for non-tax filers

For all non-tax filers (whether chosen for verification or not), Sterling College will require a W-2 form for each source of employment income. Sterling College will also need a signed statement giving the sources and amounts of the person's income earned from work not on W-2s and certifying that the person has not filed and is not required to file a tax return. For residents of the Freely Associated States (the Republic of the Marshall Islands, the Republic of Palau, or the Federated States of Micronesia), a copy of the wage and tax statement from each employer and a signed statement identifying all of the person's income and taxes for the year is acceptable. Persons from a foreign country who are not required to file a tax return can provide the signed statement certifying their income and taxes paid.

Sterling College will require the student/parent to submit a "Verification of Non-filing Letter" from the IRS indicating that the tax filer did not file a 2014 IRS income tax return if the institution questions the non-filing status. (Generally not available until after 6/15/2015)

Consumerism at a Glance

In order to better educate students and parents on different aspects of college life, financial aid policies, and financial literacy, Sterling College has made available a "Consumerism at a Glance" webpage. The page is located on the Sterling College website under the financial aid section. Any questions regarding this information should be directed to the financial aid office by contacting them at 620-278-4207 or emailing finaid@sterling.edu

Student Life

The development of the student at Sterling College takes place outside of the classroom as well as in the classroom. The goal of Student Life is to build on the academic program of the College. This is accomplished by providing students with experiences which further the development of the whole person within the context of relationships with staff, faculty, and one another.

Guidelines and Expectations

Sterling College is a Christian community that seeks to integrate faith and learning in all that it does. As a Christian community we need to acknowledge the lordship of Christ in every area of our lives. This means that, as an institution committed to academic excellence and the development of the whole person, all members of the College community are expected to discipline themselves in a variety of ways. Students are to be disciplined in their studies. They are to develop skills and acquire knowledge that will stretch their minds. Staff and faculty are to be disciplined in their areas of responsibility and expertise. Students, staff, and faculty are to be disciplined in their lifestyle, adhering to the lifestyle expectations established by the College as guided by its understanding of Biblical principles and desiring to give honor and glory to God in all that they do.

Sterling College has established a set of lifestyle expectations that all students are required to observe. These lifestyle expectations include, but are not limited to: appropriate dress consistent with Christian standards; conduct that shows respect for all officials, athletes, and spectators at both intercollegiate and intramural sports events; conduct that shows respect for self and others at all College sponsored events, including but not limited to theatre, music, art, chapel, and convocation events; restricted visitation hours by members of the opposite sex in the residence halls; a policy of abstinence with regard to the possession or use of alcoholic beverages on campus and at off-campus events; the prohibition of the use, possession, or distribution of illegal substances; the agreement to abstain from the possession or use of any tobacco products on campus and at off-campus events; the expectation of sexual purity; and abiding by the laws of the local community, the state, and the nation. These expectations are laid out in the *Student Handbook*. Sterling College also embraces the Biblical perspective that humankind is created in God's image and that each created individual has unique worth and value. The College, therefore, is committed to the creation of a community that treats each

person with love and respect and stands opposed to all forms of sexual harassment, violence, and racial or ethnic hatred. The *Student Handbook* further elaborates on the College's policy regarding human dignity and racism.

Residence Life

Sterling College is not only an academic institution, it is also a place where a majority of students live while earning their degrees. Residence life is designed to give students an opportunity to develop a sense of belonging and community. Students are also exposed to differences in background, ideas, personalities, and beliefs. In learning to live with differences students will learn more about themselves.

Because scheduling classes and arranging housing in accessible facilities may require advance planning, students with a disability who are accepted for admission should identify themselves as early as possible and indicate the nature of any accommodations needed.

In Sterling College's residence halls, students are able to develop meaningful relationships and the socialization skills that are necessary to be an effective community member. They have the opportunity to develop moral and spiritual values on a personal basis within a supportive environment. In short, the experiences that students have in the residence halls form an integral part of their growth and development as individuals. Sterling provides housing for students in six on-campus residence halls, which vary in size and character.

Chapel/Convocation and Spiritual Formation

Sterling College is deeply concerned about the spiritual growth of each individual student, staff, and faculty member. Many informal opportunities for study, prayer, worship, fellowship, and service are found on campus and in the community. Sterling's chapel program is focused on the process of spiritual formation, initiating, nurturing, and sustaining our students in a life of discipleship to Jesus Christ. It is also a reflection of the college's mission statement. As students attend chapel, they gain a deeper understanding of a maturing Christian faith. As students participate in planning and leading chapels, they develop skills as creative and thoughtful leaders. Not all students at Sterling are Christians. Sterling College respects the spiritual diversity among our students and encourages students to be honest, authentic, and open about their spiritual beliefs and convictions. Chapel

provides students opportunities to reflect on foundational issues of life, as well as an opportunity to be exposed to a Christian perspective on these issues.

Chapel plays a vital role in the life of our institution, as well as a strategic role in the lives of our students. By gathering for worship, we are declaring that our integrity to the Kingdom of God is more important than the survival of our institution, that our obedience to God's Kingdom is the measure of our success as an institution, and that our dependence on God is the key to our fruitfulness as an institution.

Chapel/Convocation Requirements

Sterling College requires all full-time students to fulfill a Chapel Requirement every semester. Students who live in Sterling, either on or off campus, are required to earn 14 chapel credits and two convocation credits each semester. Full-time students who live outside of Sterling are required to earn 11 chapel credits and 2 convocation credits.

Chapel Credits are earned each time a student attends a Wednesday morning chapel, a Sunday evening chapel, or a mid-semester Bible study. Up to six Bible study credits can be earned within a semester. An entire semester of chapel credit can be earned by signing up for a Chapel Alternative. Chapel Alternatives allow students to focus on an issue of interest in a small group context for an entire semester. Convocation credits are earned each time a student attends the Friday morning convocation. Convocations are held 3-4 times during the semester. Students who fail to fulfill the chapel/convocation requirement will be placed on chapel probation for the following semester. Students must make up the missing number of chapel credits in addition to the required number in order to be removed from the Probation List. Failure to remove deficits may lead to the loss of extra-curricular activities, loss of scholarships, and/or suspension. Students who do not meet chapel attendance requirements for three semesters, either consecutive or cumulative, will be suspended from Sterling College for one semester. Students must fulfill all chapel requirements in order to graduate.

Cultural Life

Many organizations are active on campus, bringing together students and faculty with similar interests. A few examples are listed below:

Art exhibits at the Art Center feature displays by local and national artists, traveling shows, and student shows. Of special interest is the annual Prairie Art Exhibition

each spring, a juried show featuring outstanding work by regional artists. The Art Department is also a member of Christians in the Visual Arts.

The Sterling College Music Department has numerous voice and instrumental ensembles. Sterling Chorale and Community Concert Band are the large performing ensembles. Other performance groups may include: Percussion Ensemble, Saxophone Ensemble, String Ensemble, SC Brass, Jazz Combo, and Vocal Ensembles. All ensembles perform on and off campus, throughout the year, as a service to the community. The SC Chorale and Highland Singers tour regularly throughout the year, in and out of state.

The Sterling College Theatre produces six to eight productions per year, including a big-cast musical each fall and a wide variety of dramas and comedies, such as Shakespeare, children's theatre, and original works.

Personal and Psychological Counseling

Sterling College is an educational institution with an emphasis on formal academics. Within this academic structure some students may have psychological and spiritual needs. To meet these needs, counseling is available on several levels.

Every new student is immediately assigned a faculty advisor (mentor). These faculty advisors (mentors) are willing to help students as they work through questions of learning, faith, and life. In addition, Resident Directors are available as counselors for students' needs. Student Life staff members are selected for their ability to relate to students as they develop self-identity, self-confidence, and relationships with others.

Sterling College offers short term counseling services free to any of our students. The purpose of providing counseling services to our students is to improve their academic performance and their emotional and spiritual wellbeing. We aim to reach out to those students, so that their college experience can be more enjoyable and successful.

Services are provided by Loida Leone, LCPC, a licensed Clinical Professional Counselor, and are completely confidential. Our services include mental health assessment, crisis evaluation and intervention, individual counseling, psycho-educational groups, and referral services.

Student Activities

Student Government Association (SGA) serves as the liaison between the students and the administration, faculty, and staff. It is the responsibility of SGA to hear and address items of interest and concern expressed by the student body. SGA provides students with important leadership opportunities as well as an avenue to discuss issues and provide suggestions designed to resolve problems and concerns of students. It is an important voice within the college community.

Campus Activities Board (CAB) is a branch of SGA whose purpose is to discover, program, and implement activities that the student body of Sterling College will find entertaining and thought-provoking. The goal is to enhance the learning each student receives in the classroom and to provide opportunities to integrate experiences, knowledge, abilities, and faith. CAB sponsors concerts, movies, student talent exhibitions, awareness days, dances, and many other campus activities.

Publications

SGA funds and supervises production of three student publications, the *Sterling Stir*, the *Great Plains Review* and *The Warrior*.

The Sterling Stir is the student newspaper. It provides formal, practical experience for students interested in journalism.

Great Plains Review (GPR) is the annual literary magazine published by Sterling College. The GPR accepts submissions of poetry, prose, and art work from students, staff, faculty, alumni, and friends.

The Warrior the Sterling College yearbook, is published under the direction of a student editor and staff.

Student Organizations Sterling College has active student clubs and organizations, providing opportunities for involvement in different areas of interest. Opportunities also exist to start new organizations. Check with the Student Government Association office to find out how.

Art League

English Blend

Future Science Professionals Association (FSPA)

Math Club

Multicultural Club (MCC)

Musicians at Sterling College (MASC)

Phi Beta Lambda (Future Business Leaders of America)
Theatre at Sterling College (TASC)

Social and Recreational Life

The college provides a broad and varied program of social opportunities for students. This includes movies, parties, banquets, dances, clubs, special interest organizations, and recreational events. There is an active intramural athletic program for men and women, including flag football, basketball, ping pong, pool, sand volleyball, and softball. The Student Union provides two lounge areas and a game room. Lighted outdoor basketball and sand volleyball courts provide additional recreational opportunities.

Intercollegiate Athletics

An active and vital part of the campus is experience is intercollegiate athletics. Varsity sports include baseball, basketball, cross country, football, golf, soccer, softball, track, and volleyball. Sterling College is a member of the National Association of Athletics (NAIA) and the Kansas Collegiate Athletic Conference (KCAC).

ACADEMIC PROGRAM INFORMATION

Academic Requirements and Policies

Definitions

ACCK — a consortium of six Kansas colleges to which Sterling belongs. Students may take courses at these other schools and some degree programs are shared among the schools. The central office is in McPherson, KS.

Audit — an enrollment status in which a student attends a course with the permission of the instructor but receives no grade or academic credit.

Council for Christian Colleges and Universities (CCCU) — a coalition of over 120 member colleges and universities throughout the United States and Canada which provides support for the member institutions and course opportunities for the students enrolled at member institutions.

Course — a program of study usually involving lectures, discussions, observation, skill development, and/or laboratory experiences.

Credit Hour—One credit hour is an amount of work represented in intended learning outcomes and student achievement that reasonably approximates not less than

(1) Fifty minutes of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester, or the equivalent amount of work over a different amount of time; or

(2) At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities including laboratory work, internships, practica, studio work, and other academic work.

Electives — those courses selected by the student to complete the total hours needed for graduation but not required by the core curriculum or the major. These are important options for the student to pursue interests beyond the major.

General Education — the courses required for every student, regardless of major. These courses provide a background of knowledge which allows students to place their chosen major in the context of the entire world.

Grade Point — the number value assigned to the grade a student earns in each course.

Grade Point Average — the total number of quality points earned (credits x grade) divided by total hours attempted. The GPA is a measure of the student's level of achievement and is used to determine academic awards or to assess academic discipline.

Interterm — a three-week study period during January in which students may take one course. Some specialized or travel courses are offered at this time.

Major — the primary field of study selected by a student, usually based on the student's career objectives.

Minor — a secondary field of study, not required for graduation, selected by some students who wish to develop additional skills.

Prerequisite — any requirement which must be met with a passing grade of C- or better before enrollment in a course.

Semester — an approximately 15 week period of study.

Transcript — an official document from the Registrar's Office listing all academic work completed or attempted, and the official grades and grade point averages.

VPAA—Vice President for Academic Affairs, commonly referred to as the Academic Dean.

Class Schedules

Class schedules are published each semester and are available online at www.sterling.edu under "Academics" (<http://www.sterling.edu/academics/course-finals-schedule>). Although every effort is made to be accurate in its course offerings, the College reserves the right to make essential course changes, to discontinue any course for which an insufficient number of students register, or to change the semester in which a course is offered.

Attendance

Faculty members will specify in the course syllabus at the beginning of the term their policies regarding absences or irregular attendance and will keep a record of attendance. Irregular attendance or excessive absences may result in the lowering of a student's grade or the student being withdrawn from the course. Activity sponsors will identify participants and their schedules for faculty records.

Excused absences are those that occur because of verifiable illness, death in the family, or similar emergency, of which the Office of Academic Affairs and the instructor have been notified.

It is the student's responsibility to inform the instructor **prior** to absences due to college-sponsored activities, including athletic events, concert tours, field trips, or the like. Such absences do not excuse the student from work required in the course and the student is required to adhere to the instructor's attendance policy set forth in the syllabus.

Students must complete course assignments missed due to any absence. When an exam, student performance, or laboratory is scheduled for the same time as the student activity, the student's first responsibility is to the exam, performance, or laboratory, unless special arrangements have been made with the instructor in advance.

An extended absence of more than 3 days must also be reported to the Academic Affairs Office.

Policy Covering Audio/Video Recording of Classroom Activities

Sterling College desires to promote respect for the teaching and learning environment in the classroom. We also want to ensure that the recording of lectures, discussions, and other educational activities is not conducted surreptitiously, that it protects any copyrighted material used in the classroom, and that it is only performed in a manner that does not have the effect of violating student privacy, suppressing student engagement, or interfering with the teaching process. Therefore, the following requirements govern the audio/video recording of classroom activities.

1. A student may not perform audio/visual recording, transmission, or distribution of classroom activities with the expressed written consent of the instructor, except where specified in the syllabus or where authorized through a documented disability accommodation on file with Academic Support. If recordings are made for disability accommodation, the instructor must be notified and the recording may not be exchanged or distributed.
2. Audio/visual recording by faculty members of classroom activities can be used only by the instructor or colleagues for education-related purposes. This includes distribution to classmates. Recordings of student presentations must only occur for instructional or evaluative purposes that are indicated on the syllabus and are not to be shared outside of the course without student written consent. Recordings by faculty of classroom activities may be distributed to a broader audience by the faculty member only if they are restricted to the faculty portion of the activity.

Violations of this policy by students will be considered an academic integrity violation and handled according to the processes in the Academic Catalog. Faculty or staff members who violate this policy are subject to disciplinary action.

Course Numbering System

Courses are designated by a three digit number. The first digit of the course number guides students in appropriate course selection as follows:

Course Number	General Course Description
000-099	Courses that do not earn credit towards a degree.
100-199	No prerequisites required. Introductory and survey courses primarily for first-year students and General Education.
200-299	Courses with one or more prerequisites. Primarily for sophomores.
300-399	Courses with two or more prerequisites. Primarily

	for juniors and seniors.
400-499	Senior level courses.
500-699	Graduate level courses available through ACCK.

COURSE ENROLLMENT POLICIES

First-Year Course Requirements

Each semester of the freshman year, students are required to enroll in three courses that meet general education requirements. During the freshman year two specific courses are required, and the student must choose four other general education courses. Students are required to enroll in, **and are not allowed to drop or withdraw from, these courses:**

1. LL101 College Composition (I)
(LL095 Basic Writing may be a prerequisite as determined by test scores);
2. GD105 Foundations of Servant Leadership

All students must have completed the above courses or their equivalent by the end of their first semester (or year if LL095 is required) at Sterling College.

If either of the above courses is waived by the appropriate department, the student will still be required to take three general education classes during each semester.

Directed Study/Independent Study

An **Independent Study** is a specific program of study, for 1-3 credits, under the direct supervision of a faculty member. The faculty member meets with the student for at least one hour per each hour of credit per month. Enrollment in this type of course is limited to juniors and seniors in their major area(s) only and for a maximum of 6 credits toward degree completion.

A **Directed Study** is a catalog course which is offered on an independent basis because it is not on the current schedule, or it is offered in conflict with another required course. The amount of time spent with the student is at the faculty member's discretion. Faculty members are not obligated to teach a course as a Directed Study, and the department may also identify courses which cannot be taken in this format.

Procedures:

1. The faculty member must design a syllabus to meet the requirements of this individualized course of study.
2. The course request and syllabus is then forwarded to the department chair and VPAA for approval. Course must be approved before the first day of classes of the term.

Auditing

Sterling College offers admitted students the option of attending a course without credit. To do so, the student must enroll in the course as an auditor. No change from audit to credit or from credit to audit may be made after the drop/add deadline. Audits will be limited to one course a semester for students enrolled full-time. Part-time students may audit a maximum of two courses during a semester. The audit fee applies to anyone auditing a course, regardless of special tuition arrangements. The fee is waived only if the credits fit within the full-time load of 12-17 credit hours. Before enrolling for an audit course, students must obtain a form from the Registrar's Office and secure the permission of the instructor. Where a course has enrollment limits, students taking the course for credit will be given priority. Auditors must understand that the instructor is under no obligation to evaluate their work. Audited courses will be recorded on transcripts.

Concurrent Enrollment

Any courses, including summer and online courses, taken at another institution while a student is enrolled at Sterling College must have prior approval of the Registrar to ensure that the course meets Sterling College requirements.

General Enrollment Policies

1. **Course Registration:** Only registered students may attend class.
2. **Adding or Dropping Courses after Registration:** Students who wish to add or drop a class must obtain a form from the Registrar's Office and have it signed by their academic advisor. After the first week, instructors must also sign the form. Deadlines for adding or dropping a course are shown on the Academic Calendar.
3. **Withdrawal from Courses:** After the add/drop deadline, a students may elect to withdraw from a course and have a grade of "W" recorded on the

transcript. To withdraw from a course, the student must complete a form, available from the Registrar's Office, and have it signed by their academic advisor and instructor before returning it to the Registrar's Office. Please consult the Academic Calendar on page 6 for the last day to withdraw from a course.

4. **Withdrawal from College:** To officially withdraw from Sterling College after a term has begun, students must report to the Registrar's Office to receive a withdrawal form. The withdrawal form must be signed by the following college personnel or their designees: the Director of Admissions, Vice President of Student Life, Director of Financial Aid, Resident Director (if a residential student), Academic Advisor, Library Director, Registrar, and the Student Account Coordinator. The completed form must be submitted to the Registrar's Office before 5 PM on the last day to withdraw as shown in the Academic Catalog. Refunds will be made where applicable. Students who officially withdraw from Sterling College will not be permitted to eat in the cafeteria or live in the residence halls after their official withdrawal date except by written permission of the Vice President of Student Life. The last official date to withdraw from the College is the same as the last date to withdraw from courses.
5. **Withdrawal from Online Courses and Programs:** Students must obtain a withdrawal form from Sterling College's Online Student Services Coordinator at online@sterling.edu. Financial aid, tuition, and fees may be affected.
6. **Campus-based students taking online courses:** Full-time, campus-based students enrolled in an online course offered in Session 2 of the fall or spring semester must be registered for at least 12 credit hours of semester-long courses in addition to the Session 2 course.

Course Load

Part-time	Less than 12	credit hours
Full-time	12 - 17	credit hours

Note: To be eligible to participate in any extracurricular activity representing the College off-campus, a student must be full-time. Students on probation are not permitted to carry more than 13 credits. Students wishing to take an overload must obtain permission from the Registrar. Refer to the Schedule of Charges for overload fee.

Grading and Recording Policies

1. Grading System

Grade reports are provided online to students and advisors at mid-term, at the end of each semester, and at the end of the interterm period. A brief description of letter designations is given below:

A “Superior performance of all required work, or, in some cases, performance beyond that which is actually required.”

B “Distinctly good work in all class requirements.”

C “Fairly good performance of assigned work.”

D “Inferior work”

F “Failure to meet minimum performance requirements.”

I “Incomplete.” Students who, for **unavoidable and verifiable reasons due to serious illness, family emergency, or military service**, are unable to complete the course requirements may request, before the end of the course, that the instructor assign a grade of “I” (incomplete). **A grade of “I” will not be assigned unless the student submits to the Registrar an Incomplete Grade Form signed by the student and the instructor.** The student must complete the course requirements according to a schedule developed by the instructor. An “I” grade must be changed by the instructor by the seventh Friday of the following semester. Please consult the Academic Calendar for the specific date each semester. This deadline may be extended for military personnel.

IP “In progress.” Grades have not been recorded.

P “Pass.” This grade is given when students select the pass option and under the traditional grading policy would receive a grade of C- or above. The “P” grade is also recorded for students who successfully complete the requirements of any course which uses only the Pass/Fail grading system.

W “Officially withdrawn”

2. **Pass Option**

After the freshman year, students may elect to take certain courses on a pass basis. The purpose of this option is to encourage students to take courses outside their major or in fields with which they are unfamiliar, in order to get broader exposure to the liberal arts without the risk of a low grade negatively impacting their GPA. Regulations governing this option are as follows:

- A. A maximum of four courses may be taken with this option from Sterling College; no more than one per semester;
- B. Courses that only assign pass/fail grades do not count toward the maximum;
- C. Students on academic probation are not eligible;
- D. This option may not be used for courses in a student's major, minor, or in the teacher certification program, nor for a course needed to meet a Basic Skills requirement;
- E. Students should indicate their desire to exercise this option when first enrolling in a particular course. No change will be allowed in the selection of the Pass Option after the drop/add deadline. Consult the Academic Catalog for the specific date;
- F. A student earning a grade of C- or higher will have a "P" recorded on the transcript. Lower grades (D+, D, D-, and F) will be recorded on the transcript;
- G. When enrolling in a course with the Pass Option, students may indicate a desire to take a specified letter grade rather than the "P". If the student earns the desired grade, this grade is recorded on the transcript rather than the "P". This course still counts toward the maximum of four courses.

3. **Grade Points**

A	4.0	A-	3.7	B+	3.3
B	3.0	B-	2.7	C+	2.3
C	2.0	C-	1.7	D+	1.3
D	1.0	D-	0.7	F	0.0

4. **Time Limitation**

Students have seven years from their initial enrollment to complete the requirements in the catalog in effect when they initially enrolled. After seven years, students must meet the requirements of the current catalog.

Appeals will be considered by the Vice President for Academic Affairs working with the Academic Affairs Committee.

5. **Classification of Students**

Class standing is determined at the beginning of each semester as follows:

Freshman	0-31 credits
Sophomore	32-62 credits
Junior	63-93 credits
Senior	94 or more credits

6. **Transcript requests**

Students needing a copy of their Sterling College transcript must submit a signed request to the Registrar's Office. Forms are available at the Registrar's Office or <http://www.sterling.edu/academics/registrar>. The first transcript is free; thereafter a fee (\$6.50 for in-state, \$6.00 for out-of-state) per transcript must accompany each request. Transcripts will be released only if all financial obligations to SC are satisfied and educational loans incurred while an SC student are not in default.

ACADEMIC STATUS

SATISFACTORY PROGRESS

Students must have a minimum cumulative GPA of 2.00 to graduate. Students who cannot reasonably be expected to successfully finish their academic program will not be allowed to continue enrolling at Sterling College. The minimum academic standards used to determine satisfactory progress are listed on page 61. These are distinct from financial aid requirements.

The academic status of every student, whether full- or part-time, is determined after each semester grading period and is based on the following:

- A. To avoid suspension, full-time, first-time freshmen MUST earn at least six credit hours in each of their first two semesters. Beyond that point, they must earn at least eight credit hours each semester. Transfer students must earn at least 8 credit hours beginning with their first Sterling College semester

- B. Summer courses may be used to make up deficiencies in minimum hours or GPA for athletic eligibility. However, students must seek the approval of the Registrar before enrolling in courses at other institutions to ensure the courses meet College requirements.
- C. Full-time campus-based students must complete the Chapel/Convocation requirement during every semester during which they are enrolled in the College. **Chapel/Convocation is a requirement for graduation.**

Even these minimal standards may not be sufficient for some types of financial aid. Any student who is not making satisfactory progress may lose financial aid and athletic eligibility and/or the right to continue attending Sterling College.

Academic Warning

If the academic deficiency can be corrected with only slight improvement in grades in one semester, the student is placed on academic warning. There are no restrictions of activity but the student needs to be aware of the GPA requirements for graduation.

Academic Probation

When a deficiency is serious enough to require significant improvement in grades for more than one semester in order to achieve the GPA requirements for graduation, students are placed on academic probation. During the first semester that students are placed on academic probation, they are required to participate in GD104 and attend two hours of monitored study hall each week in the Academic Support Office to obtain the skills needed to be successful in college. Students must pass GD104 with a C- or higher. Even if a student remains on academic probation, if the student has passed GD104 in a previous semester he or she will not be enrolled in the class again. A student will only be enrolled in GD104 a total of two semesters even if he/she did not pass either semester. Students on academic probation should be aware that their academic careers are in serious jeopardy. Some programs and activities, financial aid, and athletic eligibility may not be available. Students on academic probation will not be allowed to enroll in more than 13 credit hours.

If at the end of the first probationary semester sufficient academic progress still has not occurred, the student will again be placed on academic probation for the following semester. At the end of the second consecutive probationary semester if

the student's resident cumulative GPA still qualifies the student for probation, academic suspension will result. However, a student who achieves a semester GPA of at least 2.0 for 8 or more completed hours will be allowed to remain enrolled on probation the following semester regardless of the resident cumulative GPA.

Chapel/Convocation Probation and Disciplinary Action

Sterling College provides at least two chapel opportunities per week and three convocations each semester. Students are expected to attend chapel weekly to meet the minimum requirement of 14 chapels and 2 convocations during the semester. Exemptions from the requirement are only when students are enrolled in off-campus programs like Clinical Teaching Experience, study programs sponsored by the CCCU, and in Sterling College Online. Any exception or problems with non-compliance are handled by the Chaplain and Vice President for Academic Affairs. The Chaplain's office is responsible for Chapel/Convocation record-keeping. It is the responsibility of the student to verify that their attendance is recorded. Students who have not met the chapel and convocation attendance requirements will be placed on Chapel/Convocation Probation the following semester, and may not be allowed to participate in the following extra-curricular activities until chapel/convocation attendance deficiencies are made up: Student Government, leadership training, athletic competitions, drama performances, music performances, student ministries, praise band, intramural activities, debate and forensics teams, and the honors program.

Students on Chapel/Convocation Probation must attend additional chapel services or convocations while on probation. The current semester chapel/convocation attendance requirements must be met **before** additional chapel services or convocations can be used to remove a prior semester's attendance deficiency. Any student who is placed on Chapel/Convocation Probation for a second semester, regardless of whether it is consecutive or cumulative, may not be allowed participation in the above mentioned activities, and all Sterling College scholarship funds may be lost. Students who do not meet chapel/convocation attendance requirements for three semesters, regardless of whether or not it is consecutive or cumulative, may be suspended from Sterling College for one semester. After one semester, students wishing to be readmitted to Sterling College must meet with the Vice President for Academic Affairs and the Chaplain prior to pre-enrollment. Further unsuccessful chapel/convocation attendance beyond this point may result in permanent dismissal from Sterling College.

ACADEMIC SUSPENSION

A student will be suspended from the College for one semester—Summer will be considered a semester for online students—if any of the following occur:

- A. The student fails to earn the minimum number of credit hours. For the first two semesters, a full-time, first-time freshman must earn at least six credit hours. All other full-time students must earn at least eight credit hours each semester.
- B. The student fails to meet the standards for satisfactory progress after two semesters on probation as defined above.
- C. The student’s residential GPA falls below the levels indicated in the following table.

Readmission following suspension is **not** automatic. Readmission is based upon evidence that the difficulties encountered have been resolved. Students readmitted following academic suspension will be placed on academic probation, with academic status reevaluated at the end of the term.

Minimum Standards for Satisfactory Academic Progress

TOTAL RESIDENT HRS. ATTEMPTED	WARNING IF RES. GPA IS BELOW	PROBATION IF RES. GPA IS BELOW	SUSPENSION IF RES. GPA IS BELOW	INELIGIBLE FOR ATHLETICS IF CUMULATIVE GPA IS BELOW
00 - 15	2.00	1.70	1.00	
16 - 31	2.00	1.85	1.20	
32 - 44	2.00	1.90	1.40	
45 - 62		2.00	1.60	2.00
63 - 75		2.00	1.70	2.00
76 - 93		2.00	1.80	2.00
94 - 110		2.00	1.90	2.00
111+		2.00	1.95	2.00

ACADEMIC DISMISSAL

Any suspended student who is subsequently readmitted and who fails to raise the residential GPA, or any student who suffers from a deficiency which, in the judgment of the Vice President for Academic Affairs, makes it unreasonable to

anticipate eventual completion of the degree requirements, will be permanently dismissed.

ACADEMIC HONORS

Dean's Honor Roll

The Dean's Honor Roll is announced at the end of each semester. To be eligible students must have a GPA of 3.50 or better in at least 12 credits of residential work or 10 credits for Sterling College Online students. A student receiving a grade of F or Incomplete (I) in any course, including Chapel/Convocation, will not be eligible.

Kelsey Scholars and Alpha Chi

At the end of the spring semester of each year, full-time students who have met the following standards are designated as Kelsey Scholars. Students enrolled the following fall are recognized at the Keynote Convocation. From this group, a limited number of students are eligible during their junior or senior year for membership in Alpha Chi, a national honorary scholastic fraternity.

Requirements:

1. Sophomore standing or above.
2. GPA of 3.50 or above in both residential and cumulative GPA.
3. Minimum of two semesters in residence at Sterling College.
4. No incompletes on record, or F in chapel.

Graduation honors

Students who complete at least 60 credits at Sterling will be eligible for graduation honors. Residential GPA and cumulative GPA will be considered independently and both must meet the following criteria. If the GPAs are at two different levels, the lower GPA will determine the honor. The cumulative GPA at the end of Interterm prior to spring commencement is used to determine recognition for graduation with honors at commencement. However, graduation with honors, as recorded on the final transcript, includes grades from all subsequent academic terms required to complete degree requirements.

Cumulative GPA	Honor
3.90 and above	Summa Cum Laude
3.70 to 3.899	Magna Cum Laude
3.50 to 3.699	Cum Laude

BACCALAUREATE DEGREE REQUIREMENTS

Sterling College grants the degrees of Bachelor of Arts and Bachelor of Science. All candidates for the baccalaureate degree must meet the following requirements:

1. Candidates must complete the *Declaration of Degree Candidacy* form **at the Registrar's Office** to declare their intent to graduate, according to the following schedule. Students intending to graduate at the completion of Fall Semester or Interterm must declare by the end of the preceding Spring Semester. Students intending to graduate upon completion of Spring Semester, May term, or summer term must declare by the end of the preceding Fall Semester;
2. Candidates must be recommended by the Faculty and approved by the Board of Trustees;
3. Candidates must have completed 124 credit hours (no more than 65 credit hours from a two-year college), with a cumulative GPA of 2.00. A cumulative GPA of 2.50 is required for education licensure;
4. Candidates must have completed at least 32 credit hours at Sterling College;
5. A minimum of twelve credits in a student's major must be taken at Sterling College; a minimum of six credits in a minor must be taken at Sterling College;
6. Candidates must have fulfilled the general education requirements, including the **Chapel and Convocation** requirement;
7. Candidates must have fulfilled the requirements for all declared majors including professional licensure and certification requirements, and must have attained a minimum grade point average of 2.50 in their declared majors and minors. Education students must have a minimum GPA of 2.75 in both major and licensure requirements;
8. Candidates must complete testing required for institutional assessment in both general education and the major upon recommendation of the Director of Institutional Assessment and the General Education Chair.

Degree Requirements Exemption

In order to receive exemption from any degree requirement a student must file a written petition with the Vice President for Academic Affairs (VPAA). The

student's major advisor should also make a recommendation to the VPAA. Final authority rests with the VPAA working with the Academic Affairs Committee.

Graduation Ceremonies

The annual baccalaureate and commencement ceremonies are held at the end of the spring term. Students who will have all of their degree and licensure requirements completed by the end of August (prior to the start of the new academic year) may participate in the spring ceremony.

Students who complete their work at the end of the Fall Semester or Interterm will not receive their diplomas and participate in the ceremony until the following spring commencement; however, the fall graduation date will be posted to the transcript.

The program for each commencement ceremony carries the names of all students who have completed the requirements for graduation within that **academic year** and also the names of those who will have completed such requirements prior to the beginning of the Fall semester of the next academic year.

Though not required for Sterling College Online students, candidates are strongly encouraged to attend commencement ceremonies. Regardless of attendance or non-attendance, the graduation fee is required.

ACADEMIC INTEGRITY

Sterling College faculty and students form an academic community committed to the Biblical principles of justice and honesty, and to the core values of faith, calling, learning, integrity, service, and community. Our commitment to academic integrity requires that each student and faculty member be responsible for creating an environment of trust and respect in which the search for knowledge, truth, and wisdom can be successfully accomplished. Students are expected to:

- perform and represent honestly their own academic work,
- properly acknowledge others' ideas, words, and creations when appropriate,
- respect the learning environment and the expression of others' ideas and opinions,
- demonstrate good stewardship in the use of academic resources.

Any violation of these expectations will result in disciplinary actions. A record of these violations will become a part of the student's permanent academic record at Sterling College. Violations of the Sterling College Academic Integrity Policy include, but are not limited to:

Plagiarism: The presentation of someone else's words or ideas as the student's own.

Cheating: Obtaining unauthorized help on a course activity. Assistance of any kind on course activities will be considered cheating unless the instructor has explicitly expressed consent for such assistance to take place.

False Information: Creation or manipulation of false information (including lying) in or with regard to any course related activity.

Recycling: Use of work submitted in another course to meet course requirements without explicitly expressed consent of both instructors.

Supporting Academic Integrity Violations: Assisting a student in committing any of the violations listed above (plagiarism, cheating, false information, or recycling) where such assistance has not been approved by the instructor through explicitly expressed consent.

Disrupting the Learning Process and/or Experience: Willful and repeated violation of classroom behavior policies as outlined and/or described in the course syllabus or disruption of course activities.

Process:

Once a faculty member judges that an offense has occurred, the instructor must normally notify the student in writing of the charge of an academic integrity violation and the reasons for the charge within two days of the alleged violation being discovered. This notification can occur via the student's college email address. If the student disputes the faculty member's finding, then the student has two working days to submit to the faculty member a written appeal of the charge. If, based on the student appeal, the faculty member determines that no violation has occurred, then the charge is dropped and the process ends. If the faculty member upholds the determination that a violation has occurred or if the student does not appeal, the faculty member then notifies the student and the Office of Academic Affairs via email, and forwards all documentation to Academic Affairs. The student can then appeal the decision to the Vice President of Academic Affairs

(or his/her designee) in writing within five working days. The decision of the Vice President for Academic Affairs is final. No appeal will be entertained regarding the punitive consequences of an academic integrity violation, only whether the violation occurred. A record of offenses is maintained in the Office of Academic Affairs and the student's file.

Simultaneous Offenses: Multiple offenses by one student reported to the Office of Academic Affairs before the student has had the benefit of a first offense warning will be treated as one offense.

Consequences: The consequences of an academic integrity violation are as follows. Please note that charges to a student's account are not altered when as a result of an academic integrity violation the student is issued a grade of W, is suspended, or is dismissed.

First Offense: The faculty member decides on the penalty for a violation in that course, up to a failing grade for the course. The recommended penalty is a failing grade on the assignment and a one letter grade reduction in the final grade for the course. Academic Affairs will notify the student in writing that he/she has been found guilty of an academic integrity violation and, when possible, the student will meet personally with the Vice President for Academic Affairs or his/her designee to discuss the penalties for any subsequent violation and how to correct the behavior in the future.

Second Offense: Upon confirmation of the second offense the student will be suspended from the College and receive a grade of F for the class in which the academic integrity violation occurred and a W in all other classes. "Academic Integrity Violation" will be recorded on the student's transcript as the reason for suspension. The student may apply for readmission to Sterling College the following semester.

Third Offense: Upon confirmation of the third offense, the student will receive an F for the class in which the academic misconduct occurred and a W in all other classes. The offense will be recorded on the student's transcript and the student will be immediately and permanently dismissed from Sterling College.

STUDENT ACADEMIC APPEALS PROCESS

Students may appeal an academic decision when the basis of that appeal would be:

- a. inappropriate application of syllabus standards in grading by a faculty member, or inappropriate application of an academic policy or procedure;
- b. unethical conduct in grading or in regard to academic policy or procedural decisions.

The appeal process must begin by the end of the seventh week of the following semester. It is in everyone's best interest if the issue can be resolved at the lowest level, between the student and the faculty member or the Registrar. **An appeal is not considered to be official until the student submits a written appeal to the appropriate person.** In that written appeal, the student should request a written response.

Appeal Procedure

For syllabus standards and/or grading appeals:

1. Instructor
2. Vice President for Academic Affairs
3. Academic Affairs Committee

For academic policy and procedure appeals:

1. Registrar
2. Vice President for Academic Affairs
3. Academic Affairs Committee

ACADEMIC SERVICES

Academic Support Center

Located in Mabee Library, the Academic Support Center assists students who struggle academically, need tutoring, have a documented learning disability, or are on academic probation.

Mabee Library

The mission of Mabee Library is to serve the information needs of the Sterling College community through acquiring, organizing and preserving books and serials, non-print and electronic resources, and providing guidance, consultation, and instruction to assist users in effectively obtaining, evaluating, and applying needed

information. Mabee Library contains a growing collection of books, periodicals, and multimedia resources selected to support student learning. A wealth of information resources can be delivered to students through interlibrary loan or printed as full-text. Computer workstations provide network access to the on-line catalog, bibliographic databases, and the Internet. Through cooperative agreements, faculty and students have easy access to the resources of ACCK libraries and to other academic and public libraries in Kansas. Librarians participate with classroom instructors in helping students develop information literacy, the skills and concepts essential for functioning effectively in an information society. Information literacy includes the ability to locate, evaluate, and use needed resources in a variety of formats.

The Council for Christian Colleges and Universities (CCCU)

As a student at a member college of the Council for Christian Colleges and Universities (CCCU), an association of 120 Christian colleges and universities, the following Best Semester programs are available to you. These off-campus, interdisciplinary,

learning opportunities are available to upper class students and offer academic credit. Descriptions of each program and application information are available on the CCCU website: www.cccu.org or www.bestsemester.com.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

Culture-Crossing Programs:

- Australia Studies Center
- China Studies
- Latin American Studies
- Middle East Studies
- The Oxford Summer
- The Scholars Semester
- Uganda Studies
- India Studies

Culture-Shaping Programs:

- American Studies
- Contemporary Music Center
- Los Angeles Film Studies Center
- Washington Journalism Center

THE CURRICULUM

The mission of Sterling College is to develop creative and thoughtful leaders who understand a maturing Christian faith. As servant leaders within the context of a Christ-centered world-view, students are encouraged to develop an understanding of the world and how to work positive change within it. Given the pace of change in the world, students must learn to remain open to new ideas and interpretations and allow this new learning to inform their maturing faith. Sterling College divides the curriculum in the traditional way, with a general education curriculum that provides a common body of knowledge to all students, and majors which provide specialized disciplinary study. Sterling College's general education program, like the majors, is grounded in the mission statement, and is designed to help develop faithful, creative, and thoughtful leaders.

Each course is identified by a two letter subject code (BI = biology, MU = music) and a three or four digit course number. Each course description indicates the number of credit hours earned by successful completion of the class and an indication of the material covered in the course. More specific information on the course content, requirements, and schedule is available in the course syllabus which can be obtained from the Office of Academic Affairs or from the instructor.

HONORS PROGRAM

The Sterling College Honors Program is meant to foster a sense of community and to enrich the educational experience of academically talented students. The program stresses seeking the truth within a Christian framework, faithfully engaging with the world and contemporary culture, and is ideal for students who value thoughtful interaction with important issues. Above all, the Honors Program seeks to serve the Sterling College community by cultivating meaningful conversations about topics across different disciplines.

Participants in the Honors Program will complete courses and/or general education course sections that are specifically designed for academically gifted and highly-motivated students. Successful completers of the program will also participate in additional activities outside of the classroom, including visits to

museums, arts performances, film screenings, special speaker events, discussion forums, and service opportunities.

Admission to the program is by invitation to freshman and transfer students based on academic record and test scores. Students already attending Sterling College who wish to be admitted may apply to the Honors Program Director.

GENERAL EDUCATION CORE CURRICULUM

The General Education Core Curriculum addresses the college’s mission “to develop creative and thoughtful leaders who understand a maturing Christian faith.” These characteristics are realized in graduates who develop broad knowledge, skills for thinking and acting, and values that arise from our Christian heritage and that aim to build a better society. Knowledge, skills, and values should be integrated into a worldview from which graduates seek to serve God and the world. More specifically, the general education curriculum addresses the following:

1. General knowledge

Fine arts	History
Natural sciences	Literature
Social science	

2. Intellectual skills

- Mathematics
- Written and oral communication
- Analytical reading

3. Civic learning

- Civic and intercultural engagement
- Physical fitness and health

4. Applied learning

- Critical thinking

5. Christian faith and servant leadership

- Servant leadership
- Christian worldview

Courses Required For General Education

1. LL101 College Composition I (Writing Intensive) 3 credits
 2. CM101 Public Speaking **or** 3 credits
TA130 Oral Interpretation **or** 3 credits
TM245 Homiletics (BS and CM majors only) 3 credits
BU140 Business Communication (BU and SM majors only) 2 credits
 3. Take **one** mathematics course from the following:
Students are strongly encouraged to complete the required mathematics course(s) within the first four semesters of coursework.
BS196 Statistics for the Behavioral Sciences 3 credits
MA108 Contemporary Math 3 credits
MA110 College Algebra 3 credits
MA150 Pre-Calculus 5 credits
MA200 Calculus I 5 credits
MA240 Elementary Statistics 3 credits
OM320 Business Statistics 3 credits
For students with a math ACT of 18 or below:
MA095 Intermediate Algebra 3 credits
 4. ES101 Concepts in Physical Fitness and Health 2 credits
- The above courses represent basic skills necessary for all college students. A minimum grade of C- in each of these classes is required to meet the requirement.**
5. GD105 Foundations of Servant Leadership 1 credit
 6. Take any **one** Literature course 3 credits
 7. Take any **one** Science course from the following:
BI101/L Principles of Biology with Lab 4 credits
BI110/L Human Anatomy and Physiology 5 credits
BI125/L Environmental Science 4 credits
BI170/L Zoology 4 credits
CH151/L General Chemistry I 5 credits
PH110/L Physical Science 4 credits

8. Take **one** History course from the following:
- | | |
|---|-----------|
| HI101 History of World Civilization I | 3 credits |
| HI102 History of World Civilization II | 3 credits |
| HI211 U.S. History I | 3 credits |
| HI212 U.S. History II | 3 credits |
| HR201 Non-Western Culture and History I (<i>Honors Program only</i>) | 3 credits |
| HR202 Non-Western Culture and History II (<i>Honors Program only</i>) | 3 credits |
| HR211 Western Culture and History I (<i>Honors Program Only</i>) | 3 credits |
| HR212 Western Culture and History II (<i>Honors Program Only</i>) | 3 credits |
9. Take **one** Social Science course from the following:
- | | |
|--|-----------|
| BU190 Personal Finance | 3 credits |
| BU200 Macroeconomics | 3 credits |
| BU201 Microeconomics | 3 credits |
| BS115 Principles of Sociology | 3 credits |
| BS125 General Psychology | 3 credits |
| BS131 Self and Society | 3 credits |
| CJ110 Introduction to Criminal Justice | 3 credits |
| CM365 Gendered/Intercultural Communication | 3 credits |
| HG202 American Government | 3 credits |
| HG240 World and Regional Geography | 3 credits |
| HG372 International Relations | 3 credits |
| OM350 Introduction to Economics | 3 credits |
| TM262 World Religions | 3 credits |
10. Fine Arts course or courses totaling three (3) credits 3 credits
 Course(s) must be chosen from Art, Music, or Theatre
 Except MU243A/B and AR275, TA231, TA331, or TA431.
11. TM102 Intro to Old Testament 3 credits
12. TM103 Intro to New Testament 3 credits
13. TM366 Basic Christian Doctrine 3 credits

Students are required to successfully complete all of the general education requirements in order to be eligible to graduate, as well as 14 chapels and 2 convocations per full-time semester of enrollment, and 2 writing intensive courses one of which must be in the student's major. The writing intensive courses must be passed with a minimum grade of C- and are in addition to LL101. The writing intensive courses are noted in the course descriptions.

ACADEMIC MAJORS AND MINORS

Every major is designed to produce in the student:

- A. *knowledge of the discipline's content and methods*, including:
 1. historical and philosophical background,
 2. range of subject matter,
 3. central principles,
 4. generally accepted unifying perspectives (theories, laws, methods, systems, and models).
- B. *continuing development of skills related to the discipline's content*, including:
 1. acquiring information for producing creative projects,
 2. analyzing, synthesizing, and evaluating primary source material,
 3. writing and speaking critically and creatively,
 4. pursuing advanced study and/or a career.
- C. *values relating the discipline to world-view perspectives*, including:
 1. relating discipline-specific knowledge to other areas of inquiry,
 2. applying ethical guidelines to discipline-specific activity,
 3. relating discipline-specific content to Christian faith,
 4. using discipline-related information to provide voluntary service to the community.

MAJORS

The faculty has defined a major as an academic area of prescribed courses usually totaling between 40 and 60 credit hours. Listed below are the majors offered by Sterling College, including areas of concentration and/or Education Licensure. Each major will include a required service project and a required creative product.

Education Licensure is necessary for students desiring to teach in public schools in the state of Kansas. Students must apply and be accepted to the Sterling Teacher Education Program (STEP).

ART and DESIGN (BA)

- Drawing/Painting
- Education Licensure
- Graphic Design
- Illustration
- Photography
- Self-Directed Studio
- Studio/Fine Art

ATHLETIC TRAINING (BS)

BIBLICAL STUDIES (BA)

- Old Testament Studies
- New Testament Studies

BIOLOGY (BS)

- Education Licensure

BUSINESS

ADMINISTRATION (BS)

- Accounting
- Economics and Finance
- Entrepreneurship
- Management
- Marketing
- Non-Profit Management
- Real Estate

CHEMISTRY (BS)

- Education Licensure

**CHRISTIAN MINISTRIES*
(BA)**

- Missions (Intercultural Studies)
- Urban Ministry
- Worship Leadership

- Youth Ministry

**COMMUNICATION and
MEDIA ARTS (BA)**

- Cinema Production
- Communication Arts
- Education Licensure
- Journalism
- Multimedia Production
- Public Relations

CRIMINAL JUSTICE

- Law Enforcement
- Pre-Law

ELEMENTARY

EDUCATION*(BS)

ENGLISH (BA)

- Education Licensure^

EXERCISE SCIENCE (BS)

- Education Licensure

HEALTH SCIENCE (BS)

- Pre-Physical Therapy

HISTORY (BA)*

- Education Licensure in
History and Government

**INDEPENDENT
INTERDISCIPLINARY**

INTERDISCIPLINARY STUDIES (BA/BS)

- Biological Mathematics
- Business Mathematics
- Business Ministry
- Criminal Justice Administration*
- Educational Ministry
- Liberal Arts
- Media Ministry
- Musical Theatre
- Performing Arts Ministry
- Political Studies
- Pre-Forensic Science
- Sport Communication
- Sport Ministry
- Sport Writing
- Wildlife Law Enforcement

MATHEMATICS (BS)

- Applied Mathematics
- Education Licensure

MUSIC (BA)

- Applied Instrumental
- Applied Vocal
- Sacred Music
- Education Licensure

**Available online*

^Available as Second Field Endorsement in Education Licensure

Education Licensure is necessary for students desiring to teach in public schools in the state of Kansas. Students must apply and be accepted to the Sterling Teacher Education Program (STEP). Education Licensure and STEP requirements can be found under **Education Licensure** on page 106.

ORGANIZATIONAL MANAGEMENT (BS)*

PSYCHOLOGY (BA)

SPORTS MANAGEMENT (BS)

- Club, Fitness, and Recreation
- Coaching and Instruction
- Collegiate, Professional, or Corporate Sport Administration
- Marketing, Promotions, and Sports Information

THEATRE ARTS (BA)

- Directing
- Education Licensure
- General
- Performance
- Technical

THEOLOGICAL STUDIES (BA)*

WRITING and EDITING (BA)

- Creative Writing
- Professional Writing

Note: Sterling works to prepare students for careers and/or further advanced study in many areas. Students should consult their advisors about their career plans. Each department can recommend course selections for various career/graduate school interests.

MINORS

A minor is a secondary area of study allowing students to customize their education for their needs and interests. Sterling College offers the following minors listed with concentrations and/or Education Licensure:

High-Incidence Special

Education (*See Education Licensure and Elementary Ed*)

Art and Design

Biblical Studies

Biology

Business

- Accounting
- Economics and Finance
- Entrepreneurship
- Management
- Marketing
- Non-Profit Management
- Real Estate

Chemistry

Christian Ministries

- General
- Missions (Intercultural Studies)

- Urban Ministry
- Worship Leadership
- Youth Ministry

Communication, Media, and Theatre Arts

Criminal Justice

English

Exercise Science

Family Studies (*See Christian Ministries Major*)

Greek (*See English Major*)

History

Mathematics

Music

Political Science (*See History Major*)

Pre-Law

Psychology

Writing and Editing

Education Licensure is necessary for students desiring to teach in public schools in the state of Kansas. Students must apply and be accepted to the Sterling Teacher Education Program (STEP). Education Licensure and STEP requirements can be found under **Education Licensure** on page 106.

ART and DESIGN MAJOR (BA)

The Art and Design department provides a flexible, varied, and well-balanced group of art experiences that lead to an acquaintance with art history and appreciation, and to individual creative growth and expression through visual and tactile means. The major offers six concentrations: **Drawing/Painting, Graphic Design, Illustration, Photography, Self-Directed Studio,** and **Studio Art/Fine Art**. They are designed to meet the needs of students who wish to major in art in preparation for advancement academically or professionally and those wanting an understanding of art as part of their liberal arts education. The Art and Design major also prepares students seeking licensure in Art Education.

Core Requirements:

AR110	Drawing I	3 credits
AR131	Design I- 2 Dimensional Design and Color Theory	3 credits
AR151	Design II - 3-Dimensional Design	3 credits
AR155	Service Project Lab	1 credit
AR210	Drawing II	3 credits
AR211	Art History I	3 credits
AR212	Art History II	3 credits
AR215	Introduction to Computer Graphics	3 credits
AR220	Painting I	3 credits
AR320	Painting II	3 credits
AR345	Theory and Criticism in Visual Art (<u>Writing Intensive</u>)	3 credits
AR491	Professional Development Seminar	1 credit
AR490	Senior Art Exhibition	3 credits
	Subtotal:	35 credits

Drawing/Painting Concentration:

AR310	Figure Drawing	3 credits
AR381	Projects in Drawing (2x) or	
AR382	Projects in Painting (2x)	6 credits
AR410	Advanced Drawing	3 credits
AR420	Painting III	3 credits
AR426	Digital Illustration and Image Making	3 credits
	Subtotal:	18 credits

Graphic Design Concentration:

AR180	Introduction to Photography	3 credits
AR315	Visual Communication in Graphic Design	3 credits

AR326	Digital Imaging	3 credits
CM356	Web Design	3 credits
AR415	Advanced Layout and Design	3 credits
AR426	Digital Illustration and Image Making	3 credits
		Subtotal: 18 credits

Illustration Concentration:

AR171	Introduction to Illustration	3 credits
AR180	Introduction to Photography	3 credits
AR310	Figure Drawing	3 credits
AR371	History of Illustration	3 credits
AR426	Digital Illustration and Image Making	3 credits
AR471	Thematic Illustration	3 credits
		Subtotal: 18 credits

Photography Concentration:

AR180	Introduction to Photography	3 credits
AR280	Alternative Photography	3 credits
AR326	Digital Imaging	3 credits
AR380	History of Photography	3 credits
AR485	Thematic Photography	3 credits
		Subtotal: 15 credits

Self-Directed Studio Concentration:

AR160	Introduction to Printmaking	3 credits
AR180	Introduction to Photography	3 credits
AR171	Introduction to Illustration	3 credits

Student chooses 3 courses in any one concentration in Art and Design.

Student may use Advanced Independent Study <i>with instructor approval.</i>	9 credits
Subtotal: 18 credits	

Studio Art/Fine Art Concentration:

AR140	Introduction to Printmaking	3 credits
AR180	Introduction to Photography	3 credits
AR280	Alternative Photography	3 credits
AR310	Figure Drawing	3 credits
AR410	Advanced Drawing	3 credits
AR420	Painting III	3 credits
		Subtotal: 18 credits

TOTAL: 49-52 credits

ART and DESIGN MINOR

AR110	Drawing I	3 credits
AR131	Design I - 2-Dimensional Design and Color Theory	3 credits
AR180	Introduction to Photography	3 credits
AR215	Introduction to Computer Graphics	3 credits
Student chooses 3 additional Art and Design courses		9 credits
		TOTAL: 21 credits

ART and DESIGN EDUCATION LICENSURE PreK-12

Core Requirements for the Art and Design Major **34 credits**

AND the following courses for licensure in Art:

AR140	Introduction to Printmaking	3 credits
AR180	Introduction to Photography	3 credits
AR275	Elementary Art Methods	3 credits
AR310	Figure Drawing	3 credits
AR326	Digital Imaging	3 credits
AR376	Secondary Art Methods	3 credits
		TOTAL: 52 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

Note: The courses required for PreK-12 licensure in Art fill the requirements for a major in Art. There is no provisional licensure in Art.

ATHLETIC TRAINING MAJOR (BS)

The Sterling College Athletic Training Education Program (ATP) is a high quality curriculum accredited by the Commission on Accreditation of Athletic Training Education. This bachelor's degree is designed to prepare the student to sit for the Board of Certification examination. More information about the CAATE and the BOC can be found at: <http://caate.net> and <http://www.bocatc.org>.

Upon graduation and successful completion of the BOC examination students will earn the credential of ATC, Certified Athletic Trainer.

ATP Admission Requirements

This is a competitive program and application to this program does not guarantee admittance. Students declaring athletic training as a major upon admittance into Sterling College will be given an athletic training-conditional status. Admission into

the ATP can occur after the student has been on campus for one semester. The quota of applicants accepted into the ATP are limited by faculty to student ratios and the highly individualized nature of this program. Admission to the ATP is based on the following criteria:

1. Maintain a minimum 2.5 overall GPA.
2. Complete AT 242, AT 243, and AT 255 with a minimum GPA of 2.0 (C).
3. Documentation of 50 hours of direct observation of the athletic training profession.
4. Completion of the application form.
5. Letter of application stating why you want to apply to our program and why you want to become a certified athletic trainer.
6. Submit two letters of recommendation. Neither letter can come from a fellow student, friend, or family member.
7. Complete a formal interview with the ATP Interview Committee.
8. Documentation of receiving immunization injections for Hepatitis B. If the student chooses not to be Hepatitis B immunized, the student must read, complete, and sign the form entitled “Hepatitis B Vaccine Declination Assumption of Risk and Release” prior to acceptance into the SC ATP.
9. Present proof of current American Red Cross First Aid and CPR-PR certifications, or its equivalent.
10. A current (within one year from application) health history and physical examination.
11. Read, sign, and return the “Technical Standards for Admission into the Athletic Training Education Program” found on the **Department of Exercise Science** program's webpage at <http://www.sterling.edu/academics/applying-program> verifying that the student meets the minimal required technical standards for admission into the program.

Transfer Students

A prospective student must declare an interest in Athletic Training as a chosen field within his or her first year of study. A student beyond his or her freshman year at Sterling (e.g., changing majors) will also be considered for the program; however, an additional year or two of study may be necessary to satisfy the educational and clinical requirements for Sterling's ATP program. A transfer student may apply certain athletic training courses from another university/college towards our major

if the course is acceptable to the athletic training program director (e.g., course content, credit hours, and description) and meets all transfer requirements by the Registrar's office. Transfer students meeting admission requirements may apply for acceptance into the ATP to start their first semester at SC. Transfer students not meeting admission requirements may take approved courses during their first semester and may apply for admission upon completion of requirements.

Athletic Training Education Program Retention Policy

To remain in the Athletic Training Education Program as an athletic training student, the student must achieve the following standards:

1. Earn at least a 2.0 GPA (C) or above in all required classes within the major.
2. Earn at least a 2.5 cumulative GPA (C+).
3. Be in good standing with the college (e.g., no campus probation).
4. Participate in blood borne pathogen training at the beginning of each academic year.
5. Maintain CPR-PR certification every year.
6. Show progress through clinical instruction and learning over time.
7. Perform all duties assigned to the best of one's ability.
8. Show a professional attitude and character in all areas of athletic training, both academic and clinical.

Any questions concerning the program should be directed to:

Ryan J. "Pete" Manely, MS, ATC, LAT
Director of Athletic Training Education
Sterling College
125 W. Cooper, Sterling, KS 67579
620-278-4393
pmanely@sterling.edu

Required courses for the Athletic Training major:

The following list of courses must be completed for a major in Athletic Training. Students interested in the Athletic Training major must take the ATP prerequisites (*listed in italics=6 credits*) and apply for the program following the second semester of the student's attendance.

Required General Education Courses for ATP:

BI110 Human Anatomy and Physiology 5 credits

Core Requirements:

AT200 Practicum I 1 credit
AT242 Care and Prevention of Athletic Injuries 2 credits
AT243 Care and Prevention Techniques for AT 1 credit
AT250 Structural Anatomy 2 credits
AT255 First Aid for Athletic Trainers 3 credits
AT301 Practicum II 2 credits
AT302 Practicum III 2 credits
AT315 Therapeutic Exercise 3 credits
AT330 General Medical Concerns 3 credits
AT351 Assessment of Upper Extremity Injuries 3 credits
AT351L Assessment of Upper Extremity Injuries Lab 1 credit
AT352 Assessment of Lower Extremity Injuries 3 credits
AT352L Assessment of Lower Extremity Injuries Lab 1 credit
AT403 Practicum IV 1 credit
AT404 Practicum V 2 credits
AT420 Psychosocial Intervention 1 credit
AT430 Therapeutic Modalities 3 credits
AT430L Therapeutic Modalities Lab 1 credit
AT435 Administration in Athletic Training 3 credits
AT440/L Developing/Implementing Strength/Fitness Program 3 credits
AT445 Seminar in Athletic Training (Writing Intensive) 1 credit
AT450 Pharmacology for the Athletic Trainer 1 credit
AT495 Practicum VI 1 credit
ES221 Essentials of Personal and Community Health 3 credits
ES360 Principles of Nutrition 3 credits
ES370 Kinesiology 3 credits
ES380 Psychology of Sport 2 credits
ES420 Exercise Physiology 3 credits

TOTAL: 58 credits

Recommended Supporting Courses for ATP: Strongly recommended for students interested in graduate study in areas of allied health and/or medicine.

BS125 General Psychology 3 credits
CH151/L General Chemistry I 5 credits
CH152/L General Chemistry II 5 credits

MA150	Pre-Calculus	5 credits
PH210	Physics I	5 credits
PH211	Physics II	5 credits

BIBLICAL STUDIES MAJOR (BA)

The major in Biblical Studies seeks to provide a broad-based understanding of biblical and theological concepts. Students who desire to pursue seminary training and other graduate degrees are highly recommended to pursue this course of study. The major offers two concentrations: **Old Testament** or **New Testament Studies**. A minor in Biblical Studies is also available.

Core Requirements:

TM105	Basic Christian Philosophy	3 credits
TM202	Pentateuch Literature	3 credits
TM230	New Testament Greek I	3 credits
TM232	New Testament Greek II	3 credits
TM272	Jesus and the Gospels	3 credits
TM281	Church History and Missions I	3 credits
TM282	Church History and Missions II	3 credits
TM286	Research Methods	1 credit
TM348	Biblical Hermeneutics (<u>Writing Intensive</u>)	3 credits
TM392	Service Component	1 credit
TM471	Christian Apologetics	3 credits
TM484	Contemporary Christian Thought	3 credits
TM499	Senior Thesis (<u>Writing Intensive</u>)	2 credits

Any two additional TM courses (other than GE Requirements)

6 credits

Subtotal: 40 credits

Old Testament Studies Concentration:

TM203	Biblical Hebrew I	3 credits
TM204	Biblical Hebrew II	3 credits
TM214	Biblical Prophecy	3 credits
TM217	Wisdom Literature and Poetry	3 credits

Subtotal: 12 credits

New Testament Studies Concentration:

TM275	Johannine Literature	3 credits
TM277	Pauline Literature	3 credits
TM330	New Testament Greek III	3 credits
TM332	New Testament Greek IV	3 credits

Subtotal: 12 credits

TOTAL: 52 credits

BIBLICAL STUDIES MINOR

Because this minor is specifically designed for each individual, no specific course list is required. The minor consists of any six Biblical Studies courses from the core or concentrations (other than GE required courses) totaling at least 18 credits.

Interested students should contact the Theology and Ministry Department's chair for the planning of the minor. No more than six (6) hours may be transferred in for this minor. The approved plan for the minor must be filed with the Registrar's office at the time of declaration.

BIOLOGY MAJOR (BS)

Students majoring in Biology will be prepared to enter careers or professional schools that require a strong undergraduate program in the biological sciences, including the pre-professional requirements for schools of medicine, physician's assistant, nursing, dentistry, veterinary medicine, pharmacy, and physical therapy. In addition, the Biology major combined with the Professional Education courses prepare students for licensure by the Kansas State Department of Education.

Core Requirements:

BI125	Environmental Science	<u>or</u>	
BI360	Ecology		4 credits
BI170	Zoology		4 credits
BI263	Genetics		4 credits
BI320	Botany		4 credits
BI350	Cell, Molecular, and Developmental Biology		4 credits
BI498	Senior Seminar I		1 credit
BI499	Senior Seminar II (<u>Writing Intensive</u>)		1 credit
Any one biology elective			4-5 credits

Subtotal: 26-27 credits

*Meets elective requirement for the major.

**Meets math requirement for the major.

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

BUSINESS ADMINISTRATION MAJOR (BS)

The Sterling College Business Department is dedicated to equipping students with the skills and knowledge necessary to succeed in a rapidly evolving global business economy. Students majoring in business will be prepared with the appropriate communication and interpersonal skills, software and technological proficiency, and analytical and problem solving abilities current employers seek. Students are also prepared to engage their workplaces with loyalty, honesty, integrity, and a strict code of Christian ethics. Students majoring in Business Administration may choose from one of the following seven concentrations: **Accounting, Economics and Finance, Entrepreneurship, Management, Marketing, Non-Profit Management, or Real Estate.** Various minors in business are also available.

Core Requirements:

BU102	Introduction to Business	2 credits
BU120	Business Computing	3 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics	3 credits
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU210	Managerial Accounting	3 credits
BU240	Business Law	3 credits
BU250	Business Statistics	3 credits
BU256	Business Writing (<u>Writing Intensive</u>)	2 credits
BU326	Marketing	3 credits
BU338	Management Leadership	3 credits
BU356	International Business	3 credits
BU362	Ethics in Business (<u>Writing Intensive</u>)	3 credits
BU365	Organizational Behavior	3 credits
BU417	Finance	3 credits
	Subtotal:	45 credits

Accounting Concentration:

BU309	Intermediate Accounting I	3 credits
BU311	Cost Accounting	3 credits
BU354	Accounting Information Systems	3 credits
BU409	Intermediate Accounting II	3 credits
BU415	Auditing Principles	3 credits
BU450	Federal Income Taxation	3 credits
BU493	Internship	3 credits
	Subtotal:	21 credits

Economics & Finance Concentration:

BU341	Free Market & Capitalism	3 credits
BU381	Money and Banking	3 credits
BU391	Portfolio Management	3 credits
BU419	Investment	3 credits
BU447	Christianity & Economics	3 credits
BU460	Development Economics	3 credits
BU493	Internship	3 credits
	Subtotal:	21 credits

Entrepreneurship Concentration:

BU331	Entrepreneurship I	3 credits
BU334	Social Entrepreneurship	3 credits
BU420	Advanced Marketing	3 credits
BU431	Entrepreneurship II	3 credits
BU450	Federal Income Taxation	3 credits
BU493	Internship	3 credits
RE320	Real Estate Investment/Finance	3 credits
	Subtotal:	21 credits

Management Concentration:

BU344	Management Information Systems	3 credits
BU421	Human Resources Management	3 credits
BU422	Operations Management	3 credits
BU445	Crisis Management	3 credits
BUxxx	Business Elective	3 credits
BU493	Internship	3 credits
BU499	Business Policy	3 credits
	Subtotal:	21 credits

Marketing Concentration:

BU328	Introduction to Marketing Research	3 credits
BU331	Entrepreneurship I	3 credits
BU420	Advanced Marketing	3 credits
BU428	Sales and Customer Service	3 credits
BUxxx	Business Elective	3 credits
BU493	Internship	3 credits
CM336	Principles of Public Relations	3 credits
		Subtotal: 21 credits

Non-Profit Management Concentration:

BU334	Social Entrepreneurship	3 credits
BU344	Management Information Systems	3 credits
BU374	Financial Management for Social Entrepreneurs	3 credits
BU445	Crisis Management	3 credits
BU447	Christianity and Economics	3 credits
BU460	Development Economics	3 credits
BU493	Internship	3 credits
		Subtotal: 21 credits

Real Estate Concentration:

RE320	Real Estate Investment/Finance	3 credits
RE325	Real Estate Principles	3 credits
RE329	Real Estate Appraisal	3 credits
RE420	Real Estate Development	3 credits
RE425	Real Estate Market Analysis	3 credits
RE430	Real Estate Property Management	3 credits
BU493	Internship	3 credits
		Subtotal: 21 credits

TOTAL: 66 credits

BUSINESS MINORS

Accounting

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics or	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU210	Managerial Accounting	3 credits
BU309	Intermediate Accounting I	3 credits

BU311	Cost Accounting	3 credits
BU409	Intermediate Accounting II	3 credits
		Subtotal: 22 credits

Economics & Finance:

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics <u>or</u>	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU341	Free Market and Capitalism	3 credits
BU381	Money and Banking	3 credits
BU391	Portfolio Management	3 credits
BU460	Development Economics	3 credits
		Subtotal: 22 credits

Entrepreneurship:

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics <u>or</u>	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU331	Entrepreneurship I	3 credits
BU334	Social Entrepreneurship	3 credits
BU431	Entrepreneurship II	3 credits
BU450	Federal Income Taxation	3 credits
		Subtotal: 22 credits

Management:

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics <u>or</u>	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU344	Management Information Systems	3 credits
BU445	Crisis Management	3 credits
BU421	Human Resources Management	3 credits
BU422	Operations Management	3 credits
		Subtotal: 22 credits

Marketing:

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics or	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU420	Advanced Marketing	3 credits
BU328	Introduction to Marketing Research	3 credits
BU428	Sales and Customer Service	3 credits
CM336	Principles of Public Relations	3 credits

Subtotal: 22 credits

Real Estate:

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics or	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
RE320	Real Estate Investment/Finance	3 credits
RE325	Real Estate Principles	3 credits
RE420	Real Estate Development	3 credits
RE425	Real Estate Market Analysis	3 credits

Subtotal: 22 credits

Non-Profit Management:

BU102	Introduction to Business	2 credits
BU140	Business Communication	2 credits
BU200	Macroeconomics or	
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU334	Social Entrepreneurship	3 credits
BU344	Management Information Systems	3 credits
BU374	Financial Management for Social Entrepreneurs	3 credits
BU445	Crisis Management	3 credits

Subtotal: 22 credits

CHEMISTRY MAJOR (BS)

Graduates in chemistry are prepared to find satisfying opportunities in laboratory bench work, in graduate studies including chemistry and pharmacy, and in various health-related professions, as well as preparation for medical school. The Chemistry Major also prepares students seeking Education Licensure for 6-12. A minor in Chemistry is also available.

Core Requirements:

CH151	General Chemistry I	5 credits
CH152	General Chemistry II	5 credits
CH255	Quantitative Analysis	5 credits
CH261	Organic Chemistry I	5 credits
CH262	Organic Chemistry II	5 credits
CH265	Biochemistry	3 credits
CH380	Physical Chemistry	3 credits
CH498	Senior Seminar I	1 credit
CH499	Senior Seminar II (<u>Writing Intensive</u>)	1 credit
MA200	Calculus I	5 credits
MA210	Calculus II	5 credits
PH210	Physics I	5 credits
PH211	Physics II	5 credits
PH220	Applications of Calculus to Physics I	1 credit
PH221	Applications of Calculus to Physics II	1 credit

TOTAL: 55 credits

Note: All students majoring in chemistry are required to complete at least two servant-leadership projects approved by the Chemistry Department as a requirement for their degree.

Note: Pre-medical students should complete CH261 and CH262 by the end of their junior year.

CHEMISTRY MINOR

CH151	General Chemistry I	5 credits
CH152	General Chemistry II	5 credits

Three courses above 200 (including either CH232 **or**
both CH261 and CH262)

12 - 15 credits

TOTAL: 22 - 25 credits

CHEMISTRY EDUCATION LICENSURE (6-12)

Core Requirements for the Chemistry Major 55 credits

AND the following courses:

ED406 Methods/Teaching Natural Science 3 credits

MA240 Elementary Statistics 3 credits

TOTAL: 61 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

CHRISTIAN MINISTRIES MAJOR (BA)

The Christian Ministries major at Sterling College challenges students practically as well as intellectually. The CM major is not only an exercise in academic rigor, it also explores our living faith in Jesus Christ and provides students with opportunities to serve. Four areas of concentration are available to the Christian Ministries major:

Missions (or Intercultural Studies), Urban Ministry, Worship Leadership, and Youth Ministry. Students exiting this program will be prepared to assume leadership roles in churches, Christian schools, worship ministry, youth ministry, camps, para-church ministries, missions, missionary organizations, and Christian publishing companies, as well as pursue various avenues of graduate study. Various minors in Christian Ministries are also available.

Core Requirements:

TM105 Basic Christian Philosophy 3 credits

TM245 Homiletics 3 credits

TM247 Instructional Bible Study 3 credits

TM282 Church History and Missions II 3 credits

TM286 Research Methods 1 credit

TM360 Internship in Christian Ministries 3 credits

TM392 Service Component 1 credit

TM439 Christian Ethics (Writing Intensive) 3 credits

TM466 Senior Project: Curriculum Design 2 credits

Choose one of the following OT courses:

TM202 Pentateuch Literature 3 credits

TM214 Biblical Prophecy 3 credits

TM217 Wisdom Literature and Poetry 3 credits

Choose one of the following NT courses:

TM272 Jesus and the Gospels 3 credits

TM275 Johannine Literature 3 credits

TM277 Pauline Literature 3 credits

Choose one of the following courses:

TM253 Spirituality and Prayer 3 credits

TM254 Spiritual Formation 3 credits

Subtotal: 31 credits

Missions (or Intercultural Studies) Concentration:

TM107 Training for Cross-Cultural Ministry 1 credits

TM108 Cross-Cultural Ministry Reflection 2 credits

TM261 Case Studies and Sources in Missiology 3 credits

TM262 World Religions 3 credits

TM279 Leadership and Administration 3 credits

TM284 Introduction to Missions 3 credits

TM327 Doctrine of the Holy Spirit 3 credits

Subtotal: 18 credits

Urban Ministry Concentration:

TM107 Training for Cross-Cultural Ministry 1 credits

TM108 Cross-Cultural Ministry Reflection 2 credits

TM209 Urban Entry 3 credits

TM252 Urban Leadership 3 credits

TM322 Urban Ministry 3 credits

TM340 Gender and Ethnic Issues in Ministry 3 credits

TM358 Global Urbanization 3 credits

Subtotal: 18 credits

Worship Leadership Concentration:

MU111 Music Theory I 3 credits

MU112 Music Theory II 3 credits

MU___ Private lessons or classes for 3 semesters
(at least 1 Instrumental and 1 Vocal) 3 credits

MU440 Worship Arts 3 credits

TM260 Contemporary Trends in Worship 3 credits

TM328 Biblical Theology of Worship 3 credits

Subtotal: 18 credits

Youth Concentration:

TM279	Leadership and Administration	3 credits
TM321	Adolescent Culture and the Gospel	3 credits
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM357	Introduction to Youth and Family Ministry	3 credits
TM359	Theological Issues in Youth Ministry	3 credits
TM370	Spiritual and Pastoral Formation of Youth	3 credits

Subtotal: 18 credits

TOTAL: 49 credits

CHRISTIAN MINISTRIES GENERAL MINOR

Because this minor is specifically designed for each individual, only one specific course is required of all students: **TM439 Christian Ethics**. The minor consists of any five other courses from the CM Core or concentration listings, apart from the GE courses, and with Christian Ethics totals at least 18 hours. Interested students should contact the department's chair for the planning of the minor. No more than six credit hours may be transferred in for this minor. The approved plan for the minor must be filed with the Registrar's office at the time of declaration.

CHRISTIAN MINISTRIES FOCUSED MINORS

Students may choose to do a Christian Ministries minor in any one of the following four areas: **Missions (or Intercultural Studies), Urban Ministry, Worship Leadership, and Youth**. The minor will consist of **TM439 Christian Ethics** and any five of the six courses available in each concentration for a total of 18 credits.

Missions (or Intercultural Studies):

TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
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Combine to total 15 credits:

TM107	Training for Cross-Cultural Ministry	1 credit
TM108	Cross-Cultural Ministry Reflection	2 credits
TM261	Case Studies and Sources in Missiology	3 credits
TM262	World Religions	3 credits
TM279	Leadership and Administration	3 credits
TM284	Introduction to Missions	3 credits
TM327	Doctrine of the Holy Spirit	3 credits

TOTAL: 18 credits

Urban Ministry:

TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
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Combine to total 15 credits:

TM107	Training for Cross-Cultural Ministry and	1 credit
TM108	Cross-Cultural Ministry Reflection	2 credits
TM209	Urban Entry	3 credits
TM252	Urban Leadership	3 credits
TM322	Urban Ministry	3 credits
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM358	Global Urbanization	3 credits

TOTAL: 18 credits**Worship Leadership:**

TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
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Combine to total 15 credits:

MU111	Music Theory I	3 credits
MU112	Music Theory II	3 credits
MU__	Private lessons or classes for 3 semesters (<u>at least 1 Instrumental and 1 Vocal</u>)	3 credits
MU440	Worship Arts	3 credits
TM260	Contemporary Trends in Worship	3 credits
TM328	Biblical Theology of Worship	3 credits

TOTAL: 18 credits**Youth Ministry:**

TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
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Combine to total 15 credits:

TM279	Leadership and Administration	3 credits
TM321	Adolescent Culture and the Gospel	3 credits
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM357	Introduction to Youth and Family Ministry	3 credits
TM359	Theological Issues in Youth Ministry	3 credits
TM370	Spiritual and Pastoral Formation of Youth	3 credits

TOTAL: 18 credits**FAMILY STUDIES MINOR**

Family Studies is designed to provide students with information about the family as a central unit in society. This information will be useful to students as they plan and

develop their own nuclear family units and/or as they prepare to work in family services as volunteers or professionals.

Courses cover the following topics: the nuclear family, changes in the family, intra-family relationships, problems in the family, and Christian family values. Courses will present current data and trends about the family, applications of relevant principles, theories about the family in society, and research interpretation skills. This program is supported by an endowed professorship that was established through the generosity of Margaret A. Newcomb in honor of her parents and family whose lives were motivated by their love of God, love of family, and love of the arts and of learning. Christian Ministry majors wishing to earn a minor in this discipline must consult the department's chair.

Core Requirements:

BS225	Developmental Psychology	3 credits
TM357	Introduction to Youth and Family Ministry	3 credits
		Subtotal: 6 credits

Electives: (Choose any four)

BU201	Microeconomics	3 credits
CM263	Interpersonal Communication	3 credits
TM321	Adolescent Culture and the Gospel	3 credits
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM370	Spiritual and Pastoral Formation of Youth	3 credits
TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
		Subtotal: 12 credits
		TOTAL: 18 credits

CHRISTIAN MINISTRIES MAJOR—Sterling College Online (BA)

Core Requirements:

GD1051	Foundations of Servant Leadership	1 credit
TM1045	Introduction to Old and New Testament	5 credits
TM1075	Cross-Cultural Studies	5 credits
TM2405	Christian Education and Leadership	5 credits
TM2485	Methods in Bible Study	5 credits
TM2745	Missions and Theology of Religions	5 credits
TM2835	Church History and Mission I and II	5 credits

TM3055	Basic Christian Doctrine and the Holy Spirit	5 credits
TM3105	Philosophical Concepts and Christian Thought	5 credits
TM3115	Worship: Theology and Trends	5 credits
TM3385	Youth Ministry	5 credits
TM3923	Service Component	3 credits
TM4395	Ethics	5 credits
TM4995	Research Methods and Thesis	5 credits

TOTAL: 64 credits

COMMUNICATION and MEDIA ARTS MAJOR (BA)

The Communication and Media Arts Major offers five concentrations: **Cinema Production, Communication Arts, Journalism, Multimedia Production, and Public Relations.** The concentrations explore a range of communication and media topics including theory, principles, and practices in mass media and speech communication. The major prepares students seeking careers in broadcasting and journalism, public relations, filmmaking, personnel, advertising, marketing, education, law, and ministry. Three Best Semester alternatives are also available to students majoring in Communication and Media Arts: *The Los Angeles Film Studies Center* program for students in the Cinema Production concentration; the *Contemporary Music Center* in Nashville for those in the Multimedia Production concentration; and the *Washington Journalism Center* in Washington D.C. for students in the Journalism concentration. Students must apply and be accepted to the Best Semester programs. Contact an advisor for details. A minor in Communication, Media, and Theatre Arts is also available. The major also prepares students seeking licensure in Speech and Theatre Education.

Core Requirements:

CM101	Public Speaking	3 credits
CM105	Introduction to Film Studies	3 credits
CM150	Forensics/Debate Laboratory, or	
CM153S	Media Service Laboratory*	Total of 4 credits
CM207	Mass Media, Self, and Society	3 credits
CM209	Mass Media Writing (<u>Writing Intensive</u>)	3 credits
CM247	Introduction to Cinema Production	3 credits
CM344	Theories of Human Communication (<u>Writing Intensive</u>)	3 credits
CM485	Practicum or	

CM490	Senior Project	3 credits
CM495	Senior Seminar	1 credit
TA105	Introduction to Theatre	3 credits
		Subtotal: 29 credits

*Students seeking Education Licensure must enroll in at least 1 credit hour of CM150 Debate and 1 credit hour of CM150 Forensics.

Cinema Production Concentration: Required

AR131	Design I	3 credits
AR215	Introduction to Computer Graphics or	
CM257	Audio Production	3 credits
CM309	Script Writing (<u>Writing Intensive</u>)	3 credits
CM319	Broadcast News	3 credits
CM347	Editing and Post Production	3 credits
CM350	Multiple Camera Live Production or	
CM447	Producing and Directing Cinema	3 credits
CM356	Web Design	3 credits
CM443	Media Law and Ethics	3 credits
		Subtotal: 24 credits

Note: Students in the Cinema Production concentration must take both CM209 and CM309 to fulfill both the core and concentration requirements.

Cinema Production Concentration: Electives (Choose any two)

AR180	Introduction to Photography	3 credits
AR215	Introduction to Computer Graphics	3 credits
AR280	Alternative Photography	3 credits
AR315	Visual Communication in Graphic Design	3 credits
AR415	Advanced Layout and Design	3 credits
CM257	Audio Production	3 credits
CM263	Interpersonal Communication	3 credits
CM336	Principles of Public Relations	3 credits
CM365	Gendered /Intercultural Communication	3 credits
TA200	Stagecraft, Scene Design, and Lighting	3 credits
TA370	Directing	3 credits
		Subtotal: 6 credits

TOTAL: 59 credits

Best Semester Alternative—Los Angeles Film Studies Center:

This program replaces the following courses for a total of 14 credits counted towards the Communication and Media Arts major. The additional 2 credits taken in the LAFSC program are counted as general electives outside the major.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

CM153 Lab (2 credits)

CM485 Practicum (3 credits)

CM443 Media Law and Ethics
(3 credits)

Cinema Production electives
(6 credits)

Los Angeles Film Studies Courses:

FSC305	Hollywood Production Workshop	4 credits
FSC332	Faith and Artistic Development in Film	3 credits
FSC492	Internship	6 credits

Electives: Choose one of the following

FSC312	Screen Writing	3 credits
FSC327	Narrative Storytelling	3 credits
FSC340	Professional Acting for Camera	3 credits
FSC360	Independent Study	3 credits

TOTAL FASC: 16 credits

Communication Arts Concentration: Required

CM209	Mass Media Writing (<i>taken as part of the major core</i>)	
CM263	Interpersonal Communication	3 credits
CM340	Argumentation and Debate	3 credits
TA125	Acting	3 credits
TA130	Oral Interpretation	3 credits

Subtotal: 12 credits

Communication Arts Concentration: Electives (Choose any five)

BS196	Statistics for the Behavioral Sciences	3 credits
CM289	Topics in Communication	3 credits
CM345	Rhetorical Criticism (<u>Writing Intensive</u>)	3 credits
CM347	Editing and Post Production	3 credits
CM365	Gendered/Intercultural Communication	3 credits
CM366	Organizational Communication	3 credits
CM443	Media Law and Ethics	3 credits

Subtotal: 15 credits

TOTAL: 56 credits

Journalism Concentration: Required

CM257	Audio Production	or	
CM347	Editing and Post Production		3 credits
CM311	Print Journalism		3 credits
CM319	Broadcast News		3 credits
CM340	Argumentation and Debate		3 credits
CM350	Multiple Camera Live Production		3 credits
CM443	Media Law and Ethics		3 credits
LL243	English Grammar		3 credits
LL315	Advanced Composition (<u>Writing Intensive</u>)		3 credits

Subtotal: 24 credits

Journalism Concentration: Electives (Choose any two)

AR215	Introduction to Computer Graphics		3 credits
CM257	Audio Production		3 credits
CM263	Interpersonal Communication		3 credits
CM336	Principles of Public Relations		3 credits
CM345	Rhetorical Criticism (<u>Writing Intensive</u>)		3 credits
CM347	Editing and Post Production		3 credits
CM356	Web Design		3 credits
CM365	Gendered/Intercultural Communication		3 credits
CM447	Producing and Directing Cinema		3 credits

Subtotal: 6 credits

TOTAL: 59 CREDITS

Best Semester Alternative—Washington Journalism Center:

This program replaces the following courses for a total of 14 credits counted towards the Communication and Media Arts major. The additional 2 credits taken in the WJC program are counted as general electives outside the major.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

CM153 Lab (2 credit)

CM485 Practicum (3 credits)

CM443 Media Law and Ethics
(3 credits)

Multimedia Production electives
(6 credits)

Washington Journalism Center Courses:

WJC300	Foundations of Media Involvement	4 credits
WJCxxx	Reporting in Washington	3 credits
WJC400	Washington News and Public Disclosure	3 credits

WJCxxx Internship 6 credits

TOTAL WJC: 16 credits

Multimedia Production Concentration: Required

AR131	Design I	3 credits
AR215	Introduction to Computer Graphics	3 credits
AR315	Visual Communication in Graphic Design	3 credits
CM257	Audio Production	3 credits
CM347	Editing and Post Production	3 credits
CM350	Multiple Camera Live Production or	
CM447	Producing and Directing Cinema	3 credits
CM356	Web Design	3 credits
CM443	Media Law and Ethics	3 credits

Subtotal: 24 credits

Multimedia Production Concentration: Electives (Choose any two)

AR151	Design II	3 credits
AR180	Introduction to Photography	3 credits
AR280	Alternative Photography	3 credits
AR415	Advanced Layout and Design	3 credits
AR426	Digital Illustration and Image Making	3 credits
CM319	Broadcast News	3 credits
CM336	Principles of Public Relations	3 credits

Subtotal: 6 credits

TOTAL: 59 credits

Best Semester Alternative—Contemporary Music Center, Nashville:

This program replaces the following courses for a total of 14 credits counted towards the Communication and Media Arts major. The additional 2 credits taken in the CMC program are counted as general electives outside the major.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

CM153 Lab (2 credits)

CM485 Practicum (3 credits)

CM443 Media Law and Ethics
(3 credits)

Multimedia Production electives
(6 credits)

Contemporary Music Center Courses:

CMC300	Faith, Music, and Culture	3 credits
CMC301	Inside the Music Industry	3 credits

CMC393	Practicum	1 credit
CMC400	Advanced Studio Recording	3 credits
CMC407	Audio Engineering	3 credits
CM408	Concert Production	3 credits

TOTAL CMC: 16 credits

Public Relations Concentration: Required

BU326	Marketing	3 credits
CM311	Print Journalism or	
CM319	Broadcast News	3 credits
CM336	Principles of Public Relations	3 credits
CM356	Web Design	3 credits
CM366	Organizational Communication	3 credits
CM443	Media Law and Ethics	3 credits

Choose two of following four courses:

AR131	Design I	3 credits
AR215	Introduction to Computer Graphics	3 credits
BS196	Statistics for Behavioral Science	3 credits
SM315	Sport Public Relations	3 credits

Subtotal: 24 credits

Public Relations Concentration: Electives (Choose any two)

AR315	Visual Communication in Graphic Design	3 credits
BS242	Industrial/Organizational Psychology	3 credits
CM263	Interpersonal Communication	3 credits
CM311	Print Journalism	3 credits
CM319	Broadcast News	3 credits
CM340	Argumentation and Debate	3 credits
CM347	Editing and Post Production	3 credits
CM350	Multiple Camera Live Production	3 credits
CM365	Gendered/Intercultural Communication	3 credits
CM447	Producing and Directing Cinema	3 credits
SM315	Sport Public Relations	3 credits
BS196	Statistics for Behavioral Science	3 credits

Subtotal: 6 credits

TOTAL: 59 credits

COMMUNICATION, MEDIA, AND THEATRE ARTS MINOR

Core Requirements:

CM101	Public Speaking	3 credits
CM207	Mass Media, Self, and Society	3 credits
CM150	Forensics/Debate Laboratory	1 credit
CM153S	Mass Media Service Laboratory	1 credit
TA105	Introduction to Theatre	3 credits
TA155S	Theatre Service Laboratory	1 credit

Additional courses** 9 credits

TOTAL: 21 credits

**Students must choose nine credits from CM or TA and/or related cognate courses numbered 200 or above as approved by the department.

SPEECH AND THEATRE EDUCATION LICENSURE (6-12)

Core Requirements for Communication and Media Arts Major 29 credits

Communication Arts Concentration required courses 12 credits

Subtotal: 41 credits

AND the following courses:

CM355	Topics: Contemporary Issues in Coaching Debate And Forensics	
	<u>or</u>	
LL473	Introduction to Shakespeare	3 credits
ED416	Methods for Teaching Speech/Theatre	3 credits
TA155CS	Theatre Lab-Costuming/Makeup	1 credit
TA200	Stagecraft I	3 credits
TA370	Directing	3 credits

TOTAL: 54 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required

CRIMINAL JUSTICE MAJOR (BS)

The objective of the Criminal Justice major is to prepare students to directly enter the criminal justice system upon graduation, or to continue their education at the graduate level. Students may choose a concentration in **Law Enforcement** or **Pre-Law**. The curriculum provides students the occasion to be exposed to a wide array of criminal justice topics in the class room, as well as gaining experience in the field of criminal justice through internship opportunities. A minor in Criminal Justice is also available.

Core Requirements:

BS125	General Psychology	3 credits
BS196	Statistics for the Behavioral Sciences	3 credits
CJ110	Introduction to Criminal Justice	3 credits
CJ210	Criminology	3 credits
CJ220	Criminal Law	3 credits
CJ230	Criminal Procedure	3 credits
CJ240	Corrections, Probation, and Parole	3 credits
CJ250	Judicial Process	3 credits
CJ340	Juvenile Justice and Delinquency	3 credits
CJ410	Senior Seminar (<u>Writing Intensive</u>)	3 credits
HG269	Constitutional Law	3 credits
TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
		Subtotal: 36 credits

Criminal Justice Electives: (Choose any two)

BS115	Principles of Sociology	3 credits
BS225	Developmental Psychology	3 credits
BS261	Social Psychology	3 credits
BS270	Theories of Counseling	3 credits
BS295	Behavioral Science Research Methods	3 credits
BS385	Abnormal Psychology	3 credits
CJ280	Special Topics in Criminal Justice	3 credits
CJ380	Terrorism and Homeland Security	3 credits
CJ390	Independent Study	3 credits
CJ480	Special Topics in Criminal Justice	3 credits
HG202	American Government	3 credits
		Subtotal: 6 credits

Law Enforcement Concentration:

CJ310	Criminal Investigation	3 credits
CJ320	Criminal Justice Administration	3 credits
CJ330	Drugs, Alcohol, and Crime	3 credits
CJ350	Diversity Issues in Criminal Justice	3 credits
CJ360	Law Enforcement Internship	3 credits

Subtotal: 15 credits

Pre-Law Concentration:

BU240	Business Law	3 credits
CM443	Media Law and Ethics	3 credits
CJ370	Legal Internship	3 credits
CJ420	Legal Research Methods	3 credits
SM240	Introduction to Sport Law	3 credits

Subtotal: 15 credits

TOTAL: 57 credits

CRIMINAL JUSTICE MINOR**Core Requirements:**

CJ110	Introduction to Criminal Justice	3 credits
CJ210	Criminology	3 credits
CJ220	Criminal Law	3 credits
CJ240	Corrections, Probation, and Parole	3 credits

Choose 3 courses from the following:

CJ230	Criminal Procedure	3 credits
CJ250	Judicial Process	3 credits
CJ310	Criminal Investigation	3 credits
CJ320	Criminal Justice Administration	3 credits
CJ330	Drugs, Alcohol, and Crime	3 credits
CJ340	Juvenile Justice and Delinquency	3 credits
CJ350	Diversity Issues in Criminal Justice	3 credits
CJ380	Terrorism and Homeland Security	3 credits

TOTAL: 21 credits

PRE-LAW MINOR

The Pre-Law minor is available for students who are interested in pursuing a legal education following graduation from Sterling College and may be added to any

existing major. The Pre-law minor gives students the opportunity to be exposed to several different legal courses.

Core Requirements:

BU240	Business Law	3 credits
CJ220	Criminal Law	3 credits
CJ370	Legal Internship	1-3 credits
CJ420	Legal Research Methods	3 credits
CM443	Media Law and Ethics	3 credits
HG269	Constitutional Law	3 credits
SM240	Introduction to Sport Law	3 credits

TOTAL: 19-21 credits

EDUCATION LICENSURE

The Sterling Teacher Education Program (STEP)

The Sterling Teacher Education Program (STEP) offers a professional studies curriculum for students seeking education licensure to teach K-6, 6-12, and PreK-12 within major subject areas. Endorsements in High-Incidence Special Education for K-6, 6-12, K-12, and preK-12 levels are also offered (see page 110). All students seeking teaching licensure must first declare their intentions by completing the **Declaration of Candidacy** packet. **The Declaration of Candidacy submission date determines program requirements for the candidate.**

Acceptance to STEP

Candidates must complete the following requirements to be accepted to STEP:

- 1. Declare Candidacy**
Complete the packet—available from STEP's Administrative Assistant
- 2. Demonstrate Pre-Professional Skills**
Option 1: PPST Test (minimum scores: Writing 172, Reading 173, Math 172)
Option 2: ACT Test (minimum scores: English 19, Reading 20, Math 18)
Option 3: ACT Composite of 22 or higher
Option 4: SAT Composite of 1510 or higher
- 3. Complete Level Ia Professional Coursework with a C or higher**
- 4. Maintain a GPA of 2.5 or higher in 24 hours of college credit**
- 5. Present acceptance request to Teacher Education Committee (TEC)**

STEP Program Progression and Retention Policy

To remain in the Sterling Teacher Education Program (STEP) as an education candidate, a candidate must achieve the following standards:

1. Receive a minimum grade of C in all professional education courses (B- or higher is recommended to ensure a minimum 2.75 GPA).
2. Maintain a 2.5 minimum overall GPA.
3. Maintain a 2.75 minimum GPA in both major and professional coursework.
4. Show progress through field work and learning over time.
5. Perform all duties assigned to the best of one's ability.
6. Show a professional attitude and character in all areas of education, both academic and clinical.
7. Display appropriate IDEAL Attributes as evaluated by both professors and public school teachers.

Should a candidate, in the opinion of Teacher Education Committee (TEC), fail to achieve these standards, an official letter from STEP will be sent, indicating dismissal from the program. Dismissal from the program means a candidate will not:

1. enroll in further education classes,
2. participate in future field work or clinical practices,
3. be a program completer eligible for licensure.

Should the candidate wish to appeal a dismissal decision, he or she may follow the stated appeal process.

Any questions concerning the program should be directed to:

Terri Gaeddert, Director of Sterling Teacher Education Program (STEP)
Sterling College
125 W. Cooper
Sterling, KS 67579
620-278-4230
tgaeddert@sterling.edu

PROFESSIONAL STUDIES FOR K-6, 6-12, and PreK-12 LICENSURE PROGRAMS

Professional Education Courses Required for Teacher Licensure

(Grade of C or higher is required in all courses)

Level Ia: Introductory Courses (Required for acceptance to STEP)

ED195	Introduction to Education	2 credits
ED201	Field Experience in Education (w/30 field hours)	2 credits
ED206	Classroom Management	2 credits
SE210	Introduction to Infants, Children and Youth With Special Needs (w/20 field hours)	3 credits

Level Ib: Foundational Methods Courses

ED205	Cultural Diversity in Education (w/lab hours)	2 credits
ED219	Instruction and Assessment	4 credits
ED356	Technology in the Classroom	2 credits

Level II: Content Methods Courses

Prerequisites: Acceptance to STEP, 2.5 Cumulative GPA, 2.75 GPA in professional education coursework, 2.75 GPA in the major.

ED272	Educational Psychology (w/15 field hours)	3 credits
ED357	Reading and Writing in the Content Area (w/10 hours)	3 credits
ED406-		
ED467	Secondary Content Methods*	
ED400	KPTP Field Experience Lab (concurrent with content methods-w/15 field hours)	1 credit
ED490	Seminar in Education (<u>Writing Intensive</u>)	1 credit

Level III: Clinical Teaching Courses

Prerequisites: Overall GPA of 2.5, successful completion of Clinical Teaching Interview, and GPA of 2.75 in both professional and major coursework.

ED497	Kansas Performance Teaching Portfolio	3 credits
ED498	Clinical Teaching Experience (full semester in field)	12 credits

TOTAL: 40 credits

***A teaching methods course in the student's licensure area is required for PreK-12 and 6-12 licensure. Methods courses for Natural Sciences, English, Speech and**

Theatre, Social Science, and Mathematics (ED prefix) are taught through the Associated Colleges of Central Kansas (ACCK). The ACCK academic calendar can be accessed via the following link: https://www.acck.edu/IGS/ACCK_academic_calendar.jnz. Teaching methods courses in Art, Music, and Exercise Science are taken through the department and are listed with the major. All methods course credits are listed and counted with each major's licensure requirements.

Students enrolled in any Professional Education courses will be assessed a \$20 materials fee.

SECONDARY EDUCATION 6-12 AND PreK-12 LICENSURE PROGRAM

Sterling College provides content majors for students who are seeking secondary education licensure to teach 6-12 and PreK-12.

Students are responsible for checking with a departmental advisor and an education advisor and consulting the appropriate major area in this *Catalog* to determine whether graduation and licensure requirements have been met.

See the individual major subject areas for licensure in the following:
(Italics indicate State of Kansas titles.)

PreK - 12

Art

Exercise Science/ Health and Physical Education

Music

6 - 12

Biology

Chemistry

Communication and Media Arts/ Speech and Theatre

Language and Literature/ English/ Language Arts

Mathematics

History and Government

Theatre Arts/ Speech and Theatre

HIGH-INCIDENCE SPECIAL EDUCATION MINOR (K-6, 6-12, or PreK-12)

An endorsement in High-Incidence Special Education is available through the Associated Colleges of Central Kansas (ACCK). **The ACCK academic calendar can be accessed via the following link:**

https://www.acck.edu/ICS/ACCK_academic_calendar.inz. The Special Education programs are undergraduate programs built upon a bachelor's degree and licensure in education at the elementary or secondary level. Graduates may complete the program in High-Incidence Special Education, which allows an endorsement to teach youth in the mild to moderate range which might include students identified with intellectual disabilities, behavior disorders, and learning disabilities. Graduates with secondary licensure (6-12 or preK-12) will receive endorsement at the 6-12 level. Graduates with Elementary Education licensure (K-6) will receive K-6 endorsement.

Students working toward a first special education endorsement will complete the clinical experience. Traditional students will complete the clinical experience in Fall or Spring. Those holding a current teaching license may complete the clinical experience in Fall, Spring, or Summer (with instructor consent). Students completing a second special education endorsement will complete the Internship in Fall, Spring, or Summer. (Summer placements depend on availability of sites and instructor consent.) Advance applications are required for the clinical experience and internship. Placements must correspond with school schedules and hours.

Courses required for all levels:

SE310	Foundations for Special Education Services	4 credits
SE315	General Methods for Special Education Services	4 credits
SE345	Behavior Management	2 credits
SE499	Capstone Issues	1 credit
	Subtotal:	11 credits

Courses required for Level K-6:

SE321	Grades K-6 Methods for Special Needs	4 credits
SE331	Grades K-6 Field Experience	1 credit
SE431	Grades K-6 Clinical Experience or	
SE433	Grades K-6 Internship	5 credits

Total required for Level K-6: 21 credits

Courses required for Level 6-12:

SE361	Grades 6-12 Methods for Special Needs	4 credits
SE371	Grades 6-12 Field Experience	1 credit
SE471	Grades 6-12 Clinical Experience or	
SE473	Grades 6-12 Internship	5 credits

Total required for Level 6-12: 21 credits

Courses required for Level PreK-12:

SE341	Grades PreK-3 Methods	4 credits
SE351	Grades PreK-3 Field Experience	1 credit
SE381	Grades 4-12 Methods	4 credits
SE391	Grades 4-12 Field Experience	1 credit
SE451	Grades PreK-12 Clinical Experience or	
SE453	Grades PreK-12 Internship	5 credits

Total required for Level PreK-12: 15 credits

Optional courses:

SE220	Field Experience in Services for Students with Special Needs	1 credit
SE320	Beginning American Sign Language	2 credits
SE322	Intermediate American Sign Language	2 credits
SE380	Topics in Special Education: (variable secondary title) Undergraduate Level	1 credit
SE678	Topics in Special Education: (variable secondary title) Graduate Level	1 credit

In addition, the student must complete the requirements for General Education, the Major, and Professional Education.

ELEMENTARY EDUCATION MAJOR (BS)

A major in Elementary Education is offered through the Sterling Teacher Education Department (STEP). The Elementary Education major, along with the Professional Education courses, prepares candidates for K-6 licensure. The K-6 licensure allows graduates in Elementary Education to teach in a kindergarten through sixth grade self-contained elementary classroom.

Students enrolled in any core Elementary Education courses will be assessed a \$20 materials fee.

Required General Education Courses:

BS115	Principles of Sociology	3 credits
HI101	History of World Civilization I or	
HI211/212	U.S. History I or II	3 credits
PH110/L	Physical Science w/Lab or	
	any physical science course w/lab	4 credits

Core Requirements: (must be completed with a C or higher)

AR275	Elementary Art Methods	3 credits
BI101/L	Principles of Biology w/Lab or	
BI125/L	Environmental Science w/Lab or	
BI170/L	Zoology w/Lab	4 credits
EL152	English Language Arts for K-2	3 credits
EL154	English Language Arts for 3-5	3 credits
EL256	Child and Adolescent Literature	3 credits
EL330	Methods of Teaching Elementary Math I	3 credits
EL333*	Methods of Teaching Elementary Science	2 credits
EL335*	Methods of Teaching Elementary Social Science	2 credits
EL337*	Methods of Teaching Elementary Math II	3 credits
EL350	Reading Testing and Diagnosis	3 credits
EL356*	Methods of Teaching Elementary Reading and Language Arts (<u>Writing Intensive</u>)	4 credits
ES344	Curriculum and Methods of Teaching PE Elementary (K-6)	3 credits
HG240	World and Regional Geography	3 credits
MU243A	Elementary Music Methods	2 credits

*Offered as a block only

TOTAL: 41 credits

ENGLISH MAJOR (BA)

The English major helps prepare students for careers in business, education, and public service, and for graduate study in fields such as ministry, law, business, government, public relations, and journalism, as well as advanced academic study in English. The Department of Language and Literature also cooperates in preparing students seeking Educational Licensure in English.

Core Requirements:

LL151	Introduction to Literature	3 credits
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LL212	Creative Writing or	
LL315	Advanced Composition (<u>Writing Intensive</u>)	3 credits
LL243	English Grammar	3 credits
LL344	Language Studies	3 credits
LL380	Literary Criticism	3 credits
LL473	Introduction to Shakespeare (<u>Writing Intensive</u>)	3 credits
LL498/499	Senior Seminar (<u>Writing Intensive</u>)	3 credits
		Subtotal: 21 credits

Choose any four of the following:

LL166	American Literature II	3 credits
LL251	World Literature I	3 credits
LL252	World Literature II	3 credits
LL366	Major American Authors (<u>Writing Intensive</u>)	3 credits
LL376	Selected British Authors (<u>Writing Intensive</u>)	3 credits
LL379	British Literature II (<u>Writing Intensive</u>)	3 credits

Choose any two of the following:

LL351	Classical Devotional Literature	3 credits
LL354	Modern Drama (<u>Writing Intensive</u>) or	
TA205	Survey of Modern and Contemporary Drama	3 credits
LL453	Poetry	3 credits
LL455	History of the Novel in English (<u>Writing Intensive</u>)	3 credits

Electives:

Any two approved Language and Literature classes	6 credits
	Subtotal: 24 credits

TOTAL: 45 credits

ENGLISH MINOR

Core Requirements:

LL166	American Literature II	3 credits
LL212	Creative Writing	3 credits
LL251	World Literature I or	
LL252	World Literature II	3 credits
LL315	Advanced Composition (<u>Writing Intensive</u>) or	
LL379	British Literature II	3 credits
		Subtotal: 12 credits

Choose any four of the following:

LL344	Language Studies	3 credits
LL366	Major American Authors	3 credits
LL376	Selected British Authors	3 credits
LL453	Poetry	3 credits
LL455	History of the Novel in English	3 credits
LL473	Introduction to Shakespeare	3 credits
TA351	Theatre History I or	
	Any other approved Language and Literature course	3 credits

Subtotal: 12 credits

TOTAL: 24 credits

Students minoring in English must have their programs approved by the Language and Literature Department during their junior year.

GREEK MINOR

HI101	History of World Civilization I*	3 credits
LL230	New Testament Greek I or Demonstrated proficiency	3 credits
LL232	New Testament Greek II or Demonstrated proficiency	3 credits
LL251	World Literature I*	3 credits
LL330	New Testament Greek III	3 credits
LL332	New Testament Greek IV	3 credits
LL344	Language Studies*	3 credits
LL391	Independent Study in Greek	3 credits

TOTAL: 18 credits

**Students should complete one of the 3 courses listed or an alternate course approved by their advisor.*

ENGLISH EDUCATION LICENSURE (6-12)

Core Requirements for the English Major Subtotal: 45 credits

AND the following courses:

ED415	Methods for Teaching English	3 credits
LL356	Young Adult Literature	3 credits
LL315	Advanced Composition (<u>Writing Intensive</u>)	3 credits

TOTAL: 54 credits

Strongly recommended:

CM209	Mass Media Writing	3 credits
LL20x	Creative Writing (Poetry, Fiction, or Non-Fiction)	3 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

ENGLISH - SECOND FIELD ENDORSEMENT (6-12)

The candidate for second field endorsement in English must have licensure in Speech and Theatre Education.

Requirements:

LL166	American Literature II	3 credits
LL251	World Literature I or	
LL252	World Literature II	3 credits
LL315	Advanced Composition (<u>Writing Intensive</u>)	3 credits
LL344	Language Studies	3 credits
LL356	Young Adult Literature	3 credits
LL366	Major American Authors (<u>Writing Intensive</u>)	3 credits
LL376	Selected British Authors (<u>Writing Intensive</u>)	3 credits
LL379	British Literature II (<u>Writing Intensive</u>)	3 credits
LL453	Poetry (<u>Writing Intensive</u>) or	
LL455	History of the Novel in English	3 credits
LL473	Introduction to Shakespeare	3 credits

TOTAL: 30 credits

EXERCISE SCIENCE MAJOR (BS)

Exercise Science is a broad and diverse field of study. Exercise Science majors will be prepared for graduate study in Exercise Science (or related fields), as well as employment in coaching, fitness, and recreational settings. Licensure in Health and Physical Education is also available.

Required General Education courses:

BI110	Human Anatomy and Physiology	5 credits
ES101	Concepts of Physical Fitness and Health	2 credits

Core Requirements:

AT440/L	Developing and Implementing Strength and Fitness Program	3 credits
ES107	Beginning/Intermediate Swimming	1 credit

ES115	Folk Dance	1 credit
ES120	Foundations of Exercise Science	2 credits
ES200	Introduction to Motor Learning	2 credits
ES201	Lifetime Activities	2 credits
ES202	Individual, Dual, and Team Sports	2 credits
ES221	Essentials of Personal and Community Health	3 credits
ES226	Rules and Officiating	2 credits
ES242	Care and Prevention of Athletic Injuries	2 credits
ES253	Recreational Leadership (Indoor/Outdoor)	3 credits
ES255	First Aid	3 credits
ES300	Principles of Coaching	3 credits
ES360	Principles of Nutrition	3 credits
ES362	Field Practicum	1 credit
ES370	Kinesiology	3 credits
ES374	Adapted Physical Education	3 credits
ES380	Psychology of Sport	2 credits
ES400	Internship	3 credits
ES420	Exercise Physiology	3 credits
ES475	Administration of Health, PE, & Athletics (<u>Writing Intensive</u>)	3 credits
ES498	Senior Seminar	1 credit

TOTAL: 51 credits

Recommended Support Courses:

The following courses are strongly recommended for all Exercise Science Department majors, especially those interested in graduate study.

CH110	Introductory General Chemistry	3 credits
MA240	Elementary Statistics	3 credits

EXERCISE SCIENCE MINOR

ES120	Foundations of Exercise Science	2 credits
ES201	Lifetime Activities	2 credits
ES202	Individual, Dual, and Team Sports	2 credits
ES242	Care and Prevention of Athletic Injuries	2 credits
ES255	First Aid	3 credits
ES300	Principles of Coaching	3 credits
ES370	Kinesiology	3 credits
ES374	Adapted Physical Education	3 credits
ES475	Administration of Health, PE, & Athletics (<u>Writing Intensive</u>)	3 credits

TOTAL: 23 credits

HEALTH and PHYSICAL EDUCATION (preK-12) LICENSURE

Core requirements for the Exercise Science Major Subtotal: 51 credits**

AND the following courses:

ES344	Curriculum and Methods of Teaching P.E. and Health - Elementary (PreK-6)	3 credits
ES346	Curriculum and Methods of Teaching P.E. and Health - Secondary (7-12)	3 credits
ES348	Curriculum Methods of Health (PreK-12)	2 credits

TOTAL: 59 credits

**ES400 Internship will be waived upon satisfactory completion of ES344, ES346, and ES348.

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

HEALTH SCIENCE MAJOR (BS)

The mission of the Health Science major is to develop pre-professional students with the knowledge, skills, and abilities necessary to successfully pursue graduate studies in health related fields. This interdisciplinary major provides students with the core prerequisite coursework necessary for application to graduate programs, allows them to focus their concentration on health and human movement, and gives the freedom for students to tailor their electives to their interests and career goals.

Required General Education courses:

BI101/L	Principles of Biology w/Lab	4 credits
BS125	General Psychology	3 credits
MA150	Pre-Calculus <u>or</u>	
MA240	Elementary Statistics	3-5 credits

Core Requirements:

BI110/L	Human Anatomy and Physiology	5 credits
BI258/L	Comparative Anatomy	4 credits
BI280/L	Human Physiology	5 credits

CH151/L	General Chemistry I	5 credits
CH152/L	General Chemistry II	5 credits
PH210/L	Physics I	5 credits
PH211/L	Physics II	5 credits
		Subtotal: 34 credits

Pre-Physical Therapy Concentration: Required

AT445	Seminar in Athletic Training	(<u>Writing Intensive</u>)	1 credit
ES360	Principles of Nutrition		3 credits
ES362	Field Practicum		1 credit
ES370	Kinesiology		3 credits
ES420	Exercise Physiology		3 credits
			Subtotal: 11 credits

Pre-Physical Therapy Concentration: Electives

Choose 15 credits from the following courses:

(Course selections should be based on the pre-requisite requirements of the Doctor of Physical Therapy programs to which students will apply)

AT250	Structural Anatomy		2 credits
AT255	First Aid for Athletic Trainers		3 credits
AT315	Therapeutic Exercise		3 credits
AT330	General Medical Concerns in the Athlete		3 credits
AT420	Psychosocial Intervention		1 credit
AT430	Therapeutic Modalities		3 credits
AT440	Developing/Implementing Strength & Fitness Programs	(<u>Writing Intensive</u>)	3 credits
AT450	Pharmacology		1 credit
BI170	Zoology		4 credits
BI210	Medical Terminology		1 credit
BI344/L	Microbiology		5 credits
BS225	Developmental Psychology	or	
BS261	Social Psychology		3 credits
CH232	Introduction to Organic Chemistry		4 credits
ES221	Essentials of Personal and Community Health		3 credits
			Subtotal: 15 credits

TOTAL: 60 credits

HISTORY MAJOR (BA)

The History major trains students to demonstrate knowledge of the past and to think independently and critically about past and present events and their relationship to each other. It prepares students for graduate school and other avenues within the history and government fields as well as for teaching at the secondary education level. Students may also choose to minor in History or Political Science.

Core Requirements:

HI101	History of World Civilization I	3 credits
HI102	History of World Civilization II	3 credits
HI211	U.S. History I	3 credits
HI212	U.S. History II	3 credits
HI408	Modern America, 1919-Present (<u>Writing Intensive</u>)	3 credits
HI437	Modern Europe, 1789-Present	3 credits
HI498	Research Methods	1 credit
HI499	Senior Thesis (<u>Writing Intensive</u>)	2 credits
TM281	Church History and Missions I	3 credits
		Subtotal: 24 credits

United States History: (Choose any 2)

HI221	Topics in U.S. History	3 credits
HI302	Early America, 1607-1820	3 credits
HI304	Civil War Era, 1820-1877	3 credits
HI306	The Gilded Age, 1877-1919	3 credits
HI421	Topics in U.S. History or	
	Any approved U.S. History course	3 credits

Non-Western History: (Choose any one)

HI261	Topics in Non-Western History	3 credits
HI461	Topics in Non-Western History or	
	Any approved Non-Western History course	3 credits

European History (Choose any one):

HI251	Topics in European History	3 credits
HI331	The Classical Age (to 476 A.D.)	3 credits
HI333	Medieval History (400-1400)	3 credits

HI335	Early Modern Europe (1400-1789) (<u>Writing Intensive</u>)	3 credits
HI451	Topics in European History or Any approved European History course	3 credits
		Subtotal: 12 credits

Electives: Choose any three History courses 300 or above Subtotal: 9 credits
TOTAL: 45 credits

HISTORY MINOR

HI101	History of World Civilization I	3 credits
HI102	History of World Civilization II	3 credits
HI211	U.S. History I	3 credits
HI212	U.S. History II	3 credits
Four elective courses in History (300 or higher)		12 credits
		TOTAL: 24 credits

POLITICAL SCIENCE MINOR

Core requirements:

HG202	American Government	3 credits
HG320	State and Local Government	3 credits
HG325	Comparative Government	3 credits
HG372	International Relations	3 credits
		Subtotal: 12 credits

Electives (Choose any 3):

BU103	Economics	3 credits
BU240	Business Law	3 credits
BU356	International Business	3 credits
CM289/489	Topics: Political Communication	3 credits
HG311	Topics in Government	3 credits
HG269	Constitutional Law	3 credits
		Subtotal: 9 credits
		TOTAL: 21 credits

HISTORY and GOVERNMENT EDUCATION LICENSURE (6-12)

Requirements for History major Subtotal: 45 credits
AND the following courses:

BS115	Principles of Sociology	3 credits
BU103	Economics	3 credits
HG202	American Government	3 credits
HG240	World and Regional Geography	3 credits
HG322	Kansas History and Government	3 credits
ED440	Methods for Teaching Social and Behavioral Science	3 credits

TOTAL: 66 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

INDEPENDENT INTERDISCIPLINARY MAJOR

The majors offered at Sterling College have been designed with the breadth and depth needed to meet the undergraduate professional and career needs of most students. Nevertheless, the faculty recognizes that in special cases these majors may not fit unique needs of some students and so offer the possibility of the Independent Interdisciplinary Major. Proposed majors in this program must be academically rigorous and interdisciplinary in approach, meet personal and professional goals, and result in the bachelor's degree. Furthermore, proposed majors must have faculty approval and meet the specific guidelines listed below.

Guidelines

1. If there is already a major that includes 60% of the proposed courses, the student must take the pre-existing major.
2. The major must be truly interdisciplinary, demonstrating in its structure that cross-disciplinary connections have been made and that it includes at least two focal disciplines.
3. The major must be planned with the support of a faculty advisor who teaches in one of its significant content areas and who agrees to supervise the student's integrative creative product.
4. The appropriate form must be completed indicating department responsible for creative product, service project, and ethics instruction. The form is available through the Registrar's Office.
5. The number of credits required in the major should be in the range of 40-50.

6. The plan for the major, its descriptive title, and the degree designation must be submitted to the Registrar's Office for approval by the Academic Affairs Committee by the end of the first semester of the student's junior year.
7. The student must have a minimum cumulative GPA of 3.0.
8. 70% or more of the courses in the major must be numbered 200 or above and sequenced wherever possible.
9. The major must meet the following "Objectives of a Major" by demonstrating that it provides:
 - A. Knowledge of the disciplines' contents and methods.
 1. Historical and philosophical background
 2. Range of subject matter
 3. Central principles
 4. Generally accepted unifying perspectives (theories, laws, methods, systems, and models)

Implementation of #9A:

Take a concentration of courses in one of the focal disciplines to develop a unifying perspective; take a balance of introductory and advanced courses in each focal discipline of the major in addition to the Senior Seminar; take a philosophy or research methods course related to the focal discipline(s).

- B. Continuing development of skills related to the discipline's content
 1. Acquire information for producing creative projects
 2. Analyze, synthesize, and evaluate primary source material
 3. Write and speak critically and creatively
 4. Prepare for advanced study and/or a career

Implementation of #9B:

The proposal should identify the specific courses where each of these objectives will be met.

- C. Values relating the discipline to worldview perspectives.
 1. Relate discipline-specific knowledge to other areas of inquiry
 2. Apply ethical guidelines to discipline-specific activity
 3. Relate discipline-specific content to Christian faith
 4. Use discipline-related information in providing service to one's community

Implementation of #9C:

The proposal should have the following three components:

- (a) Complete a creative product which demonstrates integration and synthesis of material from at least two disciplines.

and

- (b) Complete an extended paper/project which demonstrates the application of ethical guidelines and the integration of faith in relationship to the focal disciplines of the interdisciplinary major. This paper may be a part of the Senior Seminar requirement but must be guided and read/graded by at least two faculty members who teach in different focal disciplines related to the major.

and

- (c) Complete an advisor-approved service project that demonstrates fulfillment of objective #C4 above.

INTERDISCIPLINARY STUDIES MAJOR (BA/BS)

The Interdisciplinary studies major combines the strengths of two or more existing majors in order to better prepare students for a specific career path. Advising will be handled by faculty in one of the academic departments represented within the student's chosen concentration. Students may pursue a Bachelor of Arts in Interdisciplinary Studies by choosing one of the following nine concentrations:

Educational Ministry, Liberal Arts, Media Ministry, Musical Theatre, Performing Arts Ministry, Political Studies, Sport Communication, Sport Ministry, or Sport Writing. Student may also choose to pursue a Bachelor of Science in one of the following six concentrations: **Biological Mathematics, Business Mathematics, Business Ministry, Criminal Justice Administration, Pre-Forensic Science, or Wildlife Law Enforcement.**

Biological Mathematics Concentration:

The Biological Mathematics concentration strives to provide students with an understanding of the connection between and application of mathematics to biology. Students will be prepared for graduate programs integrating the two fields such as mathematical biology, biostatistics, and statistics.

Core Requirements:

BI170	Zoology	4 credits
BI263	Genetics	4 credits

BI320	Botany	4 credits
MA200	Calculus I	5 credits
MA210	Calculus II	5 credits
MA220	Calculus III	5 credits
MA240	Elementary Statistics	3 credits
MA330	Linear Algebra	3 credits
MA350	Differential Equations	3 credits
MA410	Probability Theory	3 credits
PH210	Physics I	5 credits
PH211	Physics II	5 credits

Choose any Chemistry courses for a total of 8 credits 8 credits

Students must choose **one** of the following Capstone course options:

BI498	Senior Seminar I: Library Techniques	1 credit
BI499	Senior Seminar II: Senior Science Report (<u>Writing Intensive</u>)	1 credit
	or	
MA490	Seminar in Mathematics	1 credit

TOTAL: 58-59 CREDITS

Business Mathematics Concentration:

Geared toward the reality that businesses must adapt to dynamic economic environments, this concentration equips students with a combination of math and business skills that are requisite for analyzing and addressing business-related issues from a quantitative perspective.

Core Requirements:

BU102	Introduction to Business	2 credits
BU200	Macroeconomics	3 credits
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU210	Managerial Accounting	3 credits
BU240	Business Law	3 credits
BU250	Business Statistics or	
MA240	Elementary Statistics	3 credits
BU256	Business Writing (<u>Writing Intensive</u>)	2 credits
BU326	Marketing	3 credits
BU338	Management Leadership	3 credits

BU417	Finance	3 credits
MA200	Calculus I	5 credits
MA210	Calculus II	5 credits
MA220	Calculus III	5 credits
MA330	Linear Algebra	3 credits
MA350	Differential Equations	3 credits
MA410	Probability Theory	3 credits

Students must choose **one** of the following capstone course options:

BU395	Independent Study	1 credit
MA490	Seminar in Mathematics	1 credit

TOTAL: 56 CREDITS

Business Ministry Concentration:

The Business Ministry concentration combines a core of ministry preparation courses with a foundational business curriculum to equip students to serve ministries as well as create ministry opportunities within a business framework.

Core Requirements:

BU102	Introduction to Business	2 credits
BU200	Macroeconomics	3 credits
BU201	Microeconomics	3 credits
BU209	Financial Accounting	3 credits
BU210	Managerial Accounting	3 credits
BU240	Business Law	3 credits
BU250	Business Statistics	3 credits
BU326	Marketing	3 credits
BU338	Management Leadership	3 credits
BU362	Ethics in Business (<u>Writing Intensive</u>)	3 credits
BU417	Finance	3 credits
BU447	Christianity and Economics	3 credits
CM365	Gendered/Intercultural Communication or	
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM107	Training for Cross-Cultural Ministry	1 credit
TM254	Spiritual Formation	3 credits
TM262	World Religions	3 credits
TM279	Leadership and Administration	3 credits
TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits

TM466 Senior Project: Curriculum Design 3 credits

Choose **any one** of the following electives:

TM202 Pentateuch Literature 3 credits

TM214 Biblical Prophecy 3 credits

TM217 Wisdom Literature and Poetry 3 credits

Choose **any one** of the following electives:

TM272 Jesus and the Gospels 3 credits

TM275 Johannine Literature 3 credits

TM277 Pauline Literature 3 credits

Students must choose **one** of the following internship options:

BU493 Business Internship 3 credits

TM360 Internship in Christian Ministries 3 credits

TOTAL: 63 CREDITS

Criminal Justice Administration Concentration:

This concentration is designed to equip students who are preparing to serve or are currently serving in the law enforcement profession to advance into leadership and administrative roles within the criminal justice system. (Note: OM courses are Online only)

Core Requirements:

BU209 Financial Accounting **or**

OM310 Principles of Managerial Accounting 3 credits

BU250 Business Statistics **or**

OM320 Business Statistics 3 credits

BU344 Management Information Systems **or**

OM370 Management Information Systems 3 credits

BU338 Management Leadership **or**

OM340 Leadership 3 credits

BU365 Organizational Behavior **or**

OM302 Principles of Management 3 credits

BU421 Human Resources Management **or**

OM425 Human Resources Management 3 credits

BU445 Crisis Management **or**

OM440 Crisis Management 3 credits

BU422	Operations Management	or	
OM430	Strategy and Managerial Decision Making		3 credits
CJ110	Introduction to Criminal Justice		3 credits
CJ210	Criminology		3 credits
CJ220	Criminal Law		3 credits
CJ230	Criminal Procedure		3 credits
CJ240	Corrections, Probation, and Parole		3 credits
CJ250	Judicial Process		3 credits
CJ310	Criminal Investigation		3 credits
CJ320	Criminal Justice Administration		3 credits
CJ350	Diversity Issues in Criminal Justice		3 credits
CJ380	Terrorism and Homeland Security		3 credits
CJ410	Senior Seminar (<u>Writing Intensive</u>)		1 credit

Choose **any one** of the following electives:

BU200	Macroeconomics		3 credits
BU201	Microeconomics		3 credits
BU240	Business Law		3 credits
CJ330	Drugs, Alcohol, and Crime		3 credits
OM350	Introduction to Economics		3 credits

Choose **any one** of the following electives:

HG202	American Government		3 credits
HG269	Constitutional Law		3 credits
HG320	State and Local Government		3 credits

TOTAL: 61 CREDITS

Educational Ministry Concentration:

A major in Educational Ministry prepares students with a calling into Christian education within church, para-church, or Christian school settings. By exploring foundational theology and ministry disciplines, the social sciences, and educational philosophy students will be able to facilitate education from a Christian formation perspective.

Core Requirements:

BS125	General Psychology		3 credits
BS225	Developmental Psychology	or	
ED272	Educational Psychology		3 credits

ED195	Introduction to Education	2 credits
ED201	Field Experience in Education	2 credits
ED205	Cultural Diversity in Education	2 credits
ED206	Classroom Management	2 credits
ED219	Instruction and Assessment	4 credits
ED356	Technology in the Classroom	2 credits
TM245	Homiletics	3 credits
TM253	Spirituality and Prayer or	
TM254	Spiritual Formation	3 credits
TM279	Leadership and Administration	3 credits
TM286	Research Methods	3 credits
TM321	Adolescent Culture and the Gospel	3 credits
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM348	Biblical Hermeneutics (<u>Writing Intensive</u>)	3 credits
TM357	Introduction to Youth and Family Ministry	3 credits
TM359	Theological Issues in Youth Ministry	3 credits
TM360	Internship in Christian Ministries	3 credits
TM370	Spiritual and Pastoral Formation of Youth	3 credits
TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits
TM466	Senior Project: Curriculum Design	2 credits

Choose **any one** of the following electives:

TM202	Pentateuch Literature	3 credits
TM214	Biblical Prophecy	3 credits
TM217	Wisdom Literature and Poetry	3 credits

Choose **any one** of the following electives:

TM272	Jesus and the Gospels	3 credits
TM275	Johannine Literature	3 credits
TM277	Pauline Literature	3 credits

Subtotal: 6 credits

TOTAL: 64 CREDITS

Liberal Arts Concentration: Designed for students who desire to develop a deep appreciation for and understanding of a diverse set of disciplines by studying the arts, humanities, and human culture, as well as building effective communication and critical thinking skills.

Core Requirements:

AR211	Art History I	or	
AR212	Art History II		3 credits
BU200	Macroeconomics		3 credits
BU201	Microeconomics		3 credits
CM340	Argumentation and Debate	or	
CM345	Rhetorical Criticism		3 credits
HG240	World and Regional Geography		3 credits
LL102	Composition II (<u>Writing Intensive</u>)		3 credits
LL251	World Literature I		3 credits
LL252	World Literature II		3 credits
LL473	Introduction to Shakespeare (<u>Writing Intensive</u>)		3 credits
PH210	Physics I		5 credits
TA105	Introduction to Theatre		3 credits
TM105	Basic Christian Philosophy		3 credits
TM231	Logic		3 credits
TM470	Philosophy and Christian Thought		3 credits
	Pre-calculus or higher level Mathematics course		5 credits

- Choose **any two** History courses 300 or 400 level 6 credits
- Choose **any two** Language courses (Greek, Hebrew, Spanish, or CLEP credit) 6 credits
- Choose **any two** Music courses 6 credits

Choose **any three** electives from the following courses for a total of 9 credits:

MA200	Calculus I	5 credits
PH211	Physics II	5 credits

Any 300 or 400 level courses in Art (AR), History (HI), Language and Literature (LL), Music (MU), or Theology and Ministry (TM)

Students must choose **one set** of the following capstone course options:

HI498	Research Methods	1 credit
HI 499	Senior Thesis (<u>Writing Intensive</u>)	2 credits

Or

LL498	Senior Seminar I	2 credits
LL499	Senior Seminar II (<u>Writing Intensive</u>)	1 credit

Subtotal: 30 credits

TOTAL: 79 CREDITS

Media Ministry Concentration: The Media Ministry concentration is for students seeking careers as multi-modal communicators in church and para-church organizations. Students will have an understanding of the Gospel message as well as training in a variety of multimedia methods in order to better serve the communications needs of churches and pastors.

Core Requirements:

AR131	Design I	3 credits
AR180	Introduction to Photography	3 credits
AR215	Introduction to Computer Graphics	3 credits
AR315	Visual Communication and Graphics	3 credits
AR326	Digital Imaging	3 credits
CM153	Media Lab	1 credit
CM207	Mass Media, Self, & Society	3 credits
CM247	Introduction to Cinema Production	3 credits
CM257	Audio Production	3 credits
CM344	Theories of Human Communication (<u>Writing Intensive</u>)	3 credits
CM347	Editing and Post Production	3 credits
CM350	Multiple Camera Live Production	3 credits
CM356	Web Design	3 credits
CM443	Media Law and Ethics	3 credits
TA125	Acting I	<u>or</u>
TA200	Stagecraft I	3 credits
TM247	Instructional Bible Study	<u>or</u>
TM254	Spiritual Formation	3 credits
TM260	Contemporary Trends in Worship	3 credits
TM340	Gender and Ethnic Issues in Ministry	3 credits
TM360	Internship in Christian Ministries	<u>or</u>
CM485	Practicum in Communication	3 credits
TM471	Christian Apologetics	3 credits

Choose **any one** of the following:

CM101	Public Speaking	3 credits
TA130	Oral Interpretation	3 credits
TM245	Homiletics	3 credits

Choose **any one** of the following electives:

TM272	Jesus and the Gospels	3 credits
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TM275	Johannine Literature	3 credits
TM277	Pauline Literature	3 credits

Choose **any one** of the following electives:

TM202	Pentateuch Literature	3 credits
TM214	Biblical Prophecy	3 credits
TM217	Wisdom Literature and Poetry	3 credits

Students must choose **one** of the following Capstone course options:

AR490	Senior Art Exhibition	3 credits
CM490	Senior Project	3 credits
TM466	Senior Project: Curriculum Design	2 credits

TOTAL: 69-70 CREDITS

Musical Theatre Concentration:

This concentration is designed for students seeking a career in Musical Theatre by preparing them to be proficient in vocal performance, acting, and dance.

Core Requirements:

MU108	Aural Skills I	1 credit
MU109	Aural Skills II	1 credit
MU111	Music Theory I	3 credits
MU112	Music Theory II	3 credits
MU175B	Class Piano I	1 credit
MU175C	Class Piano II	1 credit
MU177-		
MU277	Private Voice Lessons	8 credits
MU377-		
MU477	Private Voice Lessons	8 credits
MU285	Choral Ensemble (1 per semester)	4 credits
MU287	Highland Singers (.5 per semester)	2 credits
MU342	Vocal Pedagogy and Literature	3 credits
TA125	Acting I	3 credits
TA155	Theatre Lab	4 credits
TA225	Acting II	3 credits
TA230	The Musical Theatre	3 credits
TA231	Ballet I	3 credits
TA325	Acting III	3 credits

TA331	Ballet II (1 per semester)	2 credits
TA351	Theatre History I (<u>Writing Intensive</u>)	3 credits
TA352	Theatre History II (<u>Writing Intensive</u>)	3 credits
TA370	Directing	3 credits
TA431	Music Theatre Dance Styles (1 per semester)	2 credits
TA490	Senior Project	3 credits
TA495	Senior Seminar	1 credit

TOTAL: 71 CREDITS

Performing Arts Ministry Concentration:

This concentration combines ministry training with coursework in communication, theatre, and music to equip students to effectively communicate the Gospel message, facilitate worship, and minister through the performing arts.

Core Requirements:

CM207	Mass Media, Self, and Society	3 credits
CM247	Introduction to Cinema Production	3 credits
CM263	Interpersonal Communication	3 credits
CM365	Gendered and Intercultural Communication or	
TM340	Gender and Ethnic Issues in Ministry	3 credits
MU108	Aural Skills I	1 credit
MU109	Aural Skills II	1 credit
MU111	Music Theory I	3 credits
MU112	Music Theory II	3 credits
MU285	Choral Ensembles (2 semesters)	2 credits
MU286	Instrumental Ensembles (2 semesters)	1 credit
MUxxx	Private Lessons	4 credits
MU333	Conducting	2 credits
MU359	Hymnody	2 credits
MU440	Worship Arts	3 credits
TA111	Voice and Movement for the Actor	3 credits
TA125	Acting I	3 credits
TA200	Stagecraft I	3 credits
TM247	Instructional Bible Study	3 credits
TM254	Spiritual Formation	3 credits
TM260	Contemporary Trends in Worship	3 credits
TM328	Biblical Theology of Worship	3 credits
TM439	Christian Ethics (<u>Writing Intensive</u>)	3 credits

Choose any one of the following electives:

TM202	Pentateuch Literature	3 credits
TM214	Biblical Prophecy	3 credits
TM217	Wisdom Literature and Poetry	3 credits

Choose any one of the following electives:

TM272	Jesus and the Gospels	3 credits
TM275	Johannine Literature	3 credits
TM277	Pauline Literature	3 credits

Students must choose one of the following Lab options:

CM153	Media Service Laboratory	2 credits
TA155	Theatre Service Laboratory	2 credits

Students must choose one of the following Capstone course options:

CM490	Senior Project	3 credits
TA490	Senior Project	3 credits
TM466	Senior Project: Curriculum Design	2 credits

TOTAL: 70-71 CREDITS

Political Studies Concentration:

The Political Studies concentration provides students the opportunity to prepare for a life in public service areas such as government and law. Attention is given to the study of history and government as well as to building students' ability to communicate effectively.

Core Requirements:

CM101	Public Speaking	3 credits
CM207	Mass Media, Self, and Society	3 credits
CM340	Argumentation and Debate	3 credits
HG202	American Government	3 credits
HG240	World and Regional Geography	3 credits
HG269	Constitutional Law	3 credits
HG320	State and Local Government	3 credits
HG322	Kansas History and Government	3 credits
HG323	Advanced American Government	3 credits
HG325	Comparative Government	3 credits
HG372	International Relations	3 credits

HI211	U.S. History I	3 credits
HI212	U.S. History II	3 credits
HI302	Early America	3 credits
HI304	Civil War Era	3 credits
HI306	The Gilded Age	3 credits
HI408	Modern America (Writing Intensive)	3 credits
HI498	Research Methods	1 credit
HI499	Senior Thesis (Writing Intensive)	2 credits

Students may choose to substitute 16 credits (except HI498 and HI499) by completing the following courses:

HG310	Government Practicum	8 credits
HG311	Topics in Government: American Studies Program, Washington D.C.	8 credits

TOTAL: 54 CREDITS

Pre-Forensic Science Concentration:

Students majoring in Pre-Forensic Science will be prepared for entry level laboratory work or graduate programs in forensic science. The major combines a strong core of natural sciences with courses in criminal justice.

Core Requirements:

BI170	Zoology	4 credits
BI10	Human Anatomy and Physiology or	
BI258	Comparative Anatomy	4-5 credits
BI263	Genetics	4 credits
BI350	Cell, Molecular, and Developmental Biology	4 credits
CH151	General Chemistry I	5 credits
CH152	General Chemistry II	5 credits
CH261	Organic Chemistry I	5 credits
CH262	Organic Chemistry II	5 credits
CH265	Biochemistry	3 credits
CJ110	Introduction to Criminal Justice	3 credits
CJ210	Criminology	3 credits
CJ220	Criminal Law	3 credits
CJ310	Criminal Investigation	3 credits
CJ360	Law Enforcement Internship	3 credits
CJ230	Criminal Procedure	3 credits
MAxxx	Pre-calculus or higher mathematics course	5 credits

PH210	General Physics I	5 credits
PH211	General Physics II	5 credits

Students must choose **one set** of the following capstone course options:

BI498	Senior Seminar I: Library Techniques	1 credit
BI499	Senior Seminar II: Senior Science Report	1 credit

or

CH498	Senior Seminar I: Library Techniques	1 credit
CH499	Senior Seminar II: Senior Science Report	1 credit

TOTAL: 74-75 CREDITS

Sport Communication Concentration:

The Sport Communication concentration is for students interested in pursuing a career in sport media. By combining courses in Communication & Media, Sports Management, and Art & Design, students will be equipped to work in collegiate sports information offices, media and/or community relations offices of both collegiate and professional sports, and as sport media personnel in either print or electronic media. Students will also be prepared to apply for graduate work in journalism.

Core Requirements:

AR131	Design I	3 credits
AR180	Introduction to Photography	3 credits
AR215	Introduction to Computer Graphics	3 credits
AR315	Visual Communication in Graphic Design or	
AR326	Digital Imaging	3 credits
CM101	Public Speaking	3 credits
CM207	Mass Media, Self, and Society	3 credits
CM209	Mass Media Writing or	
CM311	Print Journalism (<u>Writing Intensive</u>)	3 credits
CM247	Introduction to Cinema Production	3 credits
CM356	Web Design	3 credits
CM365	Gendered and Intercultural Communication	3 credits
CM366	Organizational Communication	3 credits
CM443	Media Law and Ethics	3 credits
LL102	College Composition II (<u>Writing Intensive</u>)	3 credits
LL257	Foundations of Writing and Editing	3 credits

SM240	Introduction to Sports Law	3 credits
SM315	Sport Public Relations	3 credits
SM325	Sport Marketing	3 credits
CM485	Practicum in Communication or	
SM400	Sports Management Internship	3 credits
CM490	Senior Project	3 credits
CM495	Communication Arts Senior Seminar	1 credit

Choose any two of the following courses for a total of 6 credits:

CM319	Broadcast News	3 credits
CM257	Audio Production	3 credits
CM347	Editing and Post Production	3 credits
CM350	Multiple Camera Live Production	3 credits

TOTAL: 64 CREDITS

Sport Ministry Concentration:

This concentration seeks to equip and prepare students to be successful sport ministers. Students in the sport ministry concentration will develop an understanding of both sport and faith as well as gain the skills necessary to effectively utilize sport as a ministry tool.

Core Requirements:

ES221	Essentials of Personal & Community Health	3 credits
ES242	Care and Prevention for Athletic Injuries	2 credits
ES253	Recreational Leadership	3 credits
ES255	First Aid	3 credits
ES300	Principles of Coaching	3 credits
SM280	Sport in Society (<u>Writing Intensive</u>)	3 credits
SM312	Sport Ministry	3 credits
SM325	Sport Marketing	3 credits
SM248	Sport Tournament/Event Management or	
SM390	Sport Facility Management	3 credits
SM410	Sports Finance	3 credits
TM107	Training for Cross Cultural Ministry	1 credit
TM209	Urban Entry	3 credits
TM247	Instructional Bible Study	3 credits
TM254	Spiritual Formation	3 credits
TM279	Leadership and Administration	3 credits

TM321	Adolescent Culture and the Gospel	3 credits
TM340	Gender and Ethnic Issues in Ministry or	
CM365	Gendered/Intercultural Communications	3 credits
TM357	Introduction to Youth and Family Ministry	3 credits
TM439	Christian Ethics (<u>Writing Intensive</u>) or	
TM471	Christian Apologetics	3 credits
TM466	Senior Project: Curriculum Design or	
TM499	Senior Thesis	2 credits

Choose any **one** of the following courses:

TM202	Pentateuch Literature	3 credits
TM214	Biblical Prophecy	3 credits
TM217	Wisdom Literature and Poetry	3 credits

Choose any **one** of the following courses:

TM272	Jesus and the Gospels	3 credits
TM275	Johannine Literature	3 credits
TM277	Pauline Literature	3 credits

Students must choose **one** of the following Internship options:

ES400	Internship in Exercise Science or	
TM360	Internship in Christian Ministries	3 credits

TOTAL: 65 CREDITS

Sports Writing Concentration:

Focusing primarily on writing and editing skills as well as management and administrative issues relating to sports information, the Sports Writing concentration equips students to be highly proficient writers capable of producing articles, marketing, or public relations materials for sports organizations.

Core Requirements:

CM207	Mass Media, Self, and Society	3 credits
CM209	Mass Media Writing	3 credits
CM319	Broadcast News	3 credits
CM443	Media Law and Ethics	3 credits
LL102	Composition II (<u>Writing Intensive</u>)	3 credits
LL209	Creative Writing: Non-Fiction	3 credits
LL243	English Grammar	3 credits

LL257	Foundations of Writing and Editing	3 credits
LL315	Advanced Composition	3 credits
LL319	Research and Integrity in Writing	3 credits
LL357	Advanced Editing Workshop	2 credits
LL396	Writing Internship	3 credits
LL489	Topics in Language & Literature: Sports Writing	3 credits
LL497	Seminar in Advanced Writing and Editing	3 credits
SM240	Introduction to Sport Law	3 credits
SM315	Sport Public Relations	3 credits
SM325	Sport Marketing	3 credits

TOTAL: 50 CREDITS

Wildlife Law Enforcement Concentration:

By combining courses in Criminal Justice and Biology, this concentration provides students with the educational foundation necessary to begin a career as a Natural Resource Officer or other wildlife law enforcement career.

Core Requirements:

BI125	Environmental Science	4 credits
BI170	Zoology	4 credits
BI320	Botany	4 credits
BI360	Ecology	4 credits
BI380	Wildlife Management	4 credits
BS115	Principles of Sociology	3 credits
BS125	General Psychology	3 credits
CJ110	Introduction to Criminal Justice	3 credits
CJ210	Criminology	3 credits
CJ220	Criminal Law	3 credits
CJ230	Criminal Procedure	3 credits
CJ240	Corrections, Probation, and Parole	3 credits
CJ250	Judicial Process	3 credits
CJ310	Criminal Investigation	3 credits
CJ410	Criminal Justice Senior Seminar (<u>Writing Intensive</u>)	1 credit
PH110	Physical Science	4 credits
BI393	Internship in Biology	or
CJ360	Law Enforcement Internship	3 credits

Choose **any two** of the following courses for a total of **6 credits**:

CJ330	Drugs, Alcohol, and Crime	3 credits
CJ340	Juvenile Justice and Delinquency	3 credits
CJ350	Diversity Issues in Criminal Justice	3 credits
HG320	State and Local Government	3 credits

TOTAL: 61 CREDITS

MATHEMATICS MAJOR (BS)

A major in Mathematics features applications of mathematics in the physical sciences, providing knowledge and skills required for entry level positions in business, industry, or secondary education. Students majoring in Math may take the Applied Mathematics concentration or the Education Licensure concentration.

Core Requirements:

CS150	CIS I	3 credits
MA200	Calculus I	5 credits
MA210	Calculus II	5 credits
MA220	Calculus III	5 credits
MA240	Elementary Statistics	3 credits
MA330	Linear Algebra	3 credits
MA370	Introduction to Advanced Mathematics (<u>Writing Intensive</u>)	3 credits
MA392	Mathematics Service	1 credit
MA490	Seminar in Mathematics	1 credit
PH211	Physics II *	5 credits

Subtotal: 34 credits

Applied Mathematics Concentration:

MA350	Differential Equations	3 credits
MA450	Numerical Analysis	3 credits

Electives (Choose any 3):

CS250	CIS II	3 credits
MA390	Special Topics**	3 credits
MA410	Probability Theory	3 credits
MA420	Modern Algebra (<u>Writing Intensive</u>)	3 credits
MA470	Advanced Calculus	3 credits

Subtotal: 15 credits

TOTAL: 49 credits

* Students must take PH210 Physics I as a prerequisite to PH211 and to meet the Science General Education requirement.

**MA390 may be repeated with departmental consent.

Mathematics Education Licensure Concentration (6-12):

Core requirements for the Mathematics major 34 credits

AND the following courses:

ED467	Methods of Teaching Secondary Math	3 credits
MA245	Apprenticeship – Mathematics	2 credits
MA355	History of Mathematics	2 credits
MA410	Probability Theory	3 credits
MA340	Modern Geometry (<u>Writing Intensive</u>)	3 credits

TOTAL: 47 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

MATHEMATICS MINOR

MA200	Calculus I	5 credits
MA210	Calculus II	5 credits
MA240	Elementary Statistics	3 credits
Elective courses in mathematics numbered 200 or above		6 credits

TOTAL: 19 credits

MUSIC MAJOR (BA)

The Music major provides curriculum that prepares students for a variety of career options, including arts management, arranging and recording, church music ministry, performance, private music instruction, and music therapy, as well as graduate studies. Three concentrations are available within the major: **1) Applied Instrumental, 2) Applied Vocal, and 3) Sacred Music.** The Music major combines well with a number of different majors on campus, such as Communications and Media Arts, Business, Christian Ministries, Theological Studies, and Theatre Arts. Students wishing to pursue specific careers, such as music therapy, should notify their advisor so that the appropriate coursework outside the music curriculum may be recommended. All music majors are required to join the Sterling College student chapter of MENC (Music Educators National Conference). Attendance at the annual February state level conference (KMEA) in

Wichita is encouraged for all music majors. Educational Licensure in Music is also available.

Core Requirements:

MU111-214	Music Theory I-IV	12 credits
MU170-477	Private Lessons*	12 credits
MU108-209	Aural Skills I-IV or	4 credits
MU258	Aural Skills Proficiency**	0 credits
MU175B-MU275C	Class Piano I-IV or	4 credits
MU260	Piano Proficiency***	0 credits
MU261	Music Seminar/Concert Attendance	0 credits
MU285	Choral Ensembles or	
MU288	Community Concert Band	8 credits
MU333	Conducting	2 credits
MU354	Music History and Literature I (<u>Writing Intensive</u>)	3 credits
MU355	Music History and Literature II (<u>Writing Intensive</u>)	3 credits
MU479	Senior Recital/Senior Project	0 credits
		Subtotal: 40-48 credits

*Students pursuing a Sacred Music emphasis must enroll for a 1-credit hour lesson during their first four semesters, and a two-credit hour private lesson during their final four semesters. All other majors are required to enroll in a two-credit hour private lesson throughout their degree program (except Music Education student teachers.)

**Students who are unable to pass the Aural Skills Proficiency Examination must enroll in the Aural Skills class sequence in order to satisfy the requirement.

***Students who are unable to pass the Piano Proficiency Examination must enroll in the Group Piano class sequence in order to satisfy the requirement.

Applied Instrumental or Vocal Concentrations:

MU170-477	Private Lessons *	4 credits
MU286/MU287	Small Ensemble	2 credits
MU317	Arranging (<u>Writing Intensive</u>)	2 credits
MU342	Vocal Pedagogy and Literature**	3 credits
MU379	Junior Recital	0 credits
MUxxx	Elective in Music	2-3 credits
		Subtotal: 13-14 credits
		TOTAL: 53-62 credits

*Music majors (BA) must enroll in a two-credit hour private lesson throughout the duration of their degree.

**Majors with a vocal emphasis must take MU342 Vocal Pedagogy and Literature as an elective.

Sacred Music Concentration:

MU178	Class Voice	1 credit
MU317	Arranging (<u>Writing Intensive</u>)	2 credits
MU335	Choral Methods	3 credits
MU359	Hymnody	2 credits
MU440	Worship Arts	3 credits
MU480	Internship	2 credits
TM260	Contemporary Trends in Worship	3 credits
TM328	Biblical Theology of Worship	3 credits

Subtotal: 19 credits

TOTAL: 59-67 credits

MUSIC MINOR

MU111	Music Theory I	3 credits
MU112	Music Theory II	3 credits
MU170-470	Private lessons (4 semesters)	4 credits
MU261	Music Seminar/Concert Attendance (4 semesters)	0 credits
MU285	Choral Ensembles or	
MU288	Community Concert Band (4 semesters)	4 credits
MU333	Conducting	2 credits
MU354	Music History and Literature I (<u>Writing Intensive</u>)	3 credits
MU355	Music History and Literature II (<u>Writing Intensive</u>)	3 credits

TOTAL: 22 credits

Music Education Licensure PreK-12:

Core Requirements for Music Majors **40-48 credits**

AND the following courses for licensure in Music:

MU170-477	Private Lessons*	2-4 credits
MU178	Class Voice	1 credit
MU243B	Elementary Music Methods	3 credits
MU249A	Woodwind Methods	1 credit
MU249B	Brass Methods	1 credit
MU249C	Percussion Methods	1 credit

MU249D	String and Guitar Methods	1 credit
MU286/MU287	Small Ensemble*	2 credits
MU317	Arranging (<u>Writing Intensive</u>)	2 credits
MU335	Secondary Choral Methods for the Classroom	3 credits
MU336	Secondary Instrumental Methods for the Classroom (<u>Writing Intensive</u>)	3 credits

Subtotal: 20-22 credits

TOTAL: 60-70 credits

*Music majors seeking licensure must enroll in ensembles and 2-credit hour private lessons each semester except when student teaching.

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

ORGANIZATIONAL MANAGEMENT MAJOR (BS)

The Organizational Management major is designed to prepare students to be effective leaders and managers. Whether the interest is in businesses or not-for-profit organizations, this major provides a broad background in how organizations function. Students gain knowledge and skills needed in the diverse fields of organizational theory, economics, human resources management, business law, accounting, and ethics, all of which are needed for effective strategizing and decision-making in any organization.

Core Requirements:

OM301	Organizational Theory	3 credits
OM302	Principles of Management	3 credits
OM310	Principles of Managerial Accounting	3 credits
OM320	Business Statistics	3 credits
OM330	Business Ethics	3 credits
OM340	Leadership	3 credits
OM350	Introduction to Economics	3 credits
OM360	Principles of Marketing	3 credits
OM370	Management Information Systems	3 credits
OM380	Business and Society	3 credits
OM410	Business Law	3 credits
OM425	Human Resources Management	3 credits

OM430	Strategy and Managerial Decision-Making	3 credits
OM440	Crisis Management	3 credits
OM450	Entrepreneurship	3 credits

TOTAL: 45 CREDITS

PSYCHOLOGY MAJOR (BA)

The Psychology major provides courses that prepare students for productive family and community life, employment in human service related entry-level positions, and graduate study in psychology. A minor in psychology is also available.

Core Requirements:

BS125	General Psychology	3 credits
BS196	Statistics for the Behavioral Sciences	3 credits
BS225	Developmental Psychology	3 credits
BS261	Social Psychology	3 credits
BS290	Behavioral Science Practicum or	
BS440	Research Experience	3 credits
BS295	Behavioral Science Research Methods	4 credits
BS325	History and Philosophy in Psychology	3 credits
BS345	Biological Foundations of Behavior (<u>Writing Intensive</u>)	4 credits
BS365	Learning Theory (<u>Writing Intensive</u>)	4 credits
BS385	Abnormal Psychology	3 credits
BS386	Theories of Personality	3 credits
BS490	Service Seminar	2 credits

Subtotal: 38 credits

Elective Courses (choose any one course):

BS160	Social Inequality Field Trip	3 credits
BS242	Industrial/Organizational Psychology	3 credits
BS265	Psychological Testing	3 credits
BS270	Theories of Counseling	3 credits
BS290	Behavioral Science Practicum	3 credits
BS350	Cognitive Psychology	3 credits
BS397	Independent Study	1-3 credits
ED272	Educational Psychology	3 credits

Subtotal: 3 credits

TOTAL: 41 credits

PSYCHOLOGY MINOR

Core Requirements:

BS125	General Psychology	3 credits
BS196	Statistics for the Behavioral Sciences	3 credits
BS225	Developmental Psychology	3 credits
BS261	Social Psychology	3 credits
BS295	Behavioral Science Research Methods	4 credits
		Subtotal: 16 credits

Electives (Select any two courses):

BS345	Biological Foundations of Behavior (<u>Writing Intensive</u>)	4 credits
BS365	Learning Theory (<u>Writing Intensive</u>)	4 credits
BS385	Abnormal Psychology	3 credits
BS386	Theories of Personality	3 credits
BS160	Social Inequality Field Trip	3 credits
BS242	Industrial/Organizational Psychology	3 credits
BS265	Psychological Testing	3 credits
BS270	Theories of Counseling	3 credits
BS350	Cognitive Psychology	3 credits
		Subtotal: 6-7 credits

TOTAL: 22-23 credits

SPORTS MANAGEMENT MAJOR (BS)

The Sports Management major prepares students to work in the sport business industry. Students must choose from four concentrations to supplement the major and assist in focusing on a particular career track: **Club, Fitness, and Recreation; Coaching and Instruction; Collegiate, Professional, or Corporate Sport Administration; or Marketing, Promotions, and Sports Information.** Students may also choose to supplement the core requirements with a Business minor in **Accounting, Economics and Finance, Entrepreneurship, Management, Marketing, or Real Estate.**

Required General Education Course:

BU140	Business Communications	2 credits
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Core Requirements:

ES120	Foundations of Exercise Science	2 credits
ES475	Administration of Health, PE, and Athletics	3 credits
SM222	Governance of Sport	3 credits

SM240	Introduction to Sport Law	3 credits
SM248	Sport Tournament/Event Management	3 credits
SM250	International Sport	3 credits
SM280	Sport in Society (<u>Writing Intensive</u>)	3 credits
SM312	Sport Ministry	3 credits
SM315	Sport Public Relations	3 credits
SM320	Sport Economics	3 credits
SM325	Sport Marketing	3 credits
SM362	Practicum	1 credit
SM390	Sport Facility Management	3 credits
SM400	Internship	3 credits
SM410	Sport Finance	3 credits
SM498	Senior Seminar	1 credit
		Subtotal: 43 credits

Club, Fitness, and Recreation Concentration:

AT440/L	Developing/Implementing Strength/Fitness Program	3 credits
BU338	Management Leadership	3 credits
BU367	Organizational Leadership	3 credits
ES201	Lifetime Activities	2 credits
ES253	Recreational Leadership	3 credits
ES255	First Aid	3 credits
ES360	Principles of Nutrition	3 credits
ES380	Psychology of Sport	2 credits
		Subtotal: 22 credits

Coaching and Instruction Concentration:

ES200	Motor Learning	2 credits
ES202	Individual, Dual, and Team Sports	2 credits
ES226	Rules and Officiating	2 credits
ES242	Care and Prevention of Athletic Injuries	2 credits
ES255	First Aid	3 credits
ES300	Principles of Coaching	3 credits
ES360	Principles of Nutrition	3 credits
ES370	Kinesiology	3 credits
AT440/L	Developing/Implementing Strength/Fitness Programs	3 credits
		Subtotal: 23 credits

Collegiate, Professional, or Corporate Sport Administration Concentration:

BU102	Introduction to Business	2 credits
BU120	Business Computing	3 credits

BU209	Financial Accounting	3 credits
BU210	Managerial Accounting	3 credits
BU256	Business Writing	2 credits
BU338	Management Leadership	3 credits
BU331	Entrepreneurship I	3 credits
BU365	Organizational Behavior	3 credits

Subtotal: 22 credits

Marketing, Promotions, and Sports Information Concentration:

BU326	Marketing	3 credits
BU420	Advanced Marketing	3 credits
CM207	Mass Media, Self, and Society	3 credits
CM153XS	Mass Media Lab (choose one) Public Relations, Video, Print Journalism, or Radio	1 credit
CM209	Mass Media Writing	3 credits
CM336	Principles of Public Relations	3 credits
AR131	Design I: 2-Dimensional Design and Color Theory	3 credits
AR215	Introduction to Computer Graphics	3 credits

Subtotal: 22 credits

OR

Business Minor (pages 88-90)

Subtotal: 22 credits

TOTAL: 65-66 CREDITS

THEATRE ARTS MAJOR (BA)

The Theatre Arts major provides students with focused study in theatre history, criticism, literature, design, and advanced performance and production including acting, stagecraft, and directing. Theatre laboratories give students acting and production experience through an annual season of plays including musicals, classics, and modern drama. Theatre Arts graduates are prepared to find work as actors, scene builders, costumers, announcers, stage property managers, and theme park entertainers, as well as careers including advertising, public relations, ministry, and as arts agency promoters. The major offers four concentrations: **Directing**, **General**, **Performance**, and **Technical**. Education licensure in Speech and Theatre is also available.

Core Requirements:

CM101	Public Speaking	<u>or</u>
TA130	Oral Interpretation	3 credits

TA111	Voice and Movement	3 credits
TA125	Acting I	3 credits
TA155	Service Laboratory (General, Costuming/Makeup, Stagecraft, Stage Management)	4 credits
TA200	Stagecraft I	3 credits
TA205	Survey of Modern & Contemporary Drama	3 credits
TA210	Costuming	2 credits
TA215	Makeup	2 credits
TA220	Intro to Theatrical Design	3 credits
TA351	Theatre History I (<u>Writing Intensive</u>)	3 credits
TA352	Theatre History II (<u>Writing Intensive</u>)	3 credits
TA370	Directing	3 credits
LL473	Introduction to Shakespeare	3 credits
TA490	Senior Project	3 credits
TA495	Senior Seminar	1 credit

Subtotal: 42 credits

Directing Concentration:

TA225	Acting II	3 credits
TA230	Musical Theatre	3 credits
TA250	Stagecraft II	3 credits
TA350	History of Costume and Décor	3 credits

Subtotal: 12 credits

General Concentration:

(Students choose 12 credits from the following courses)

TA225	Acting II	3 credits
TA230	Musical Theatre	3 credits
TA250	Stagecraft II	3 credits
TA350	History of Costume and Décor	3 credits
TA325	Acting III	3 credits
TA289	Topics in Theatre	3 credits
TA380	Independent Study in Theatre Arts	3 credits

Subtotal: 12 credits

Performance Concentration:

TA255	Acting II	3 credits
TA230	Musical Theatre	3 credits
TA325	Acting III	3 credits
TA289/489	Topics in Theatre	3 credits

Subtotal: 12 credits

Technical Concentration:

TA250	Stagecraft II	3 credits
TA350	History of Costume and Décor	3 credits
TA289	Topics in Theatre or	
TA380	Independent Study in Theatre Arts	3 credits
Three credits in Art and Design (AR)		3 credits
		Subtotal: 12 credits
		TOTAL: 54 credits

COMMUNICATION, MEDIA, AND THEATRE ARTS MINOR**Core Requirements:**

CM101	Public Speaking	3 credits
CM150	Forensics/Debate Laboratory*	1 credit
CM153S	Mass Media Service Laboratory*	1 credit
CM207	Mass Media, Self, and Society	3 credits
TA105	Introduction to Theatre	3 credits
TA155XS	Theatre Laboratory*	1 credit
Additional courses**		9 credits
		TOTAL: 21 credits

*Students must choose two of the three service lab courses

**Students must choose nine credits from CM or TA and/or related cognate courses numbered 200 or above as approved by the department.

SPEECH AND THEATRE EDUCATION LICENSURE 6-12

Core Requirements for Theatre Arts Majors **42 credits**

AND the following courses:

CM150	Debate/Forensics Lab	1 credit
CM207	Mass Media, Self, and Society	3 credits
CM263	Interpersonal Communication	3 credits
CM340	Argumentation and Debate	3 credits
ED416	Methods for Teaching Speech/Theatre	3 credits
		Subtotal: 13 credits
		TOTAL: 55 credits

THEOLOGICAL STUDIES MAJOR—Sterling College Online (BA)

Core Requirements:

GD1051	Foundations of Servant Leadership	1 credit
TM1045	Introduction to Old and New Testament	5 credits
TM1075	Cross-Cultural Studies	5 credits
TM2155	Old Testament Studies	5 credits
TM2315	Introduction to New Testament Greek I and II	5 credits
TM2485	Methods in Bible Study	5 credits
TM2755	New Testament Studies	5 credits
TM2835	Church History and Mission I and II	5 credits
TM3055	Basic Christian Doctrine and the Holy Spirit	5 credits
TM3105	Philosophical Concepts and Christian Thought	5 credits
TM3923	Service Component	3 credits
TM4105	History of Philosophy and Christian Thought	5 credits
TM4395	Ethics	5 credits
TM4995	Research Methods and Thesis	5 credits

TOTAL: 64 credits

WRITING AND EDITING MAJOR (BA)

The Writing and Editing major is intended to equip students with the knowledge and skills to write and edit for a variety of audiences and occasions. Students will be prepared for employment in writing and/or editing in a variety of fields and for graduate study in writing and/or rhetoric and composition. The major offers three concentrations: **Creative Writing**, **Professional Writing**, and **Self-Directed**. Students may earn both professional and creative concentrations, but they may not pair the self-directed concentration with either of the others.

Core Requirements:

LL102	College Composition II (<u>Writing Intensive</u>)	3 credits
CM153JS/PRS	Journalism/Public Relations Lab <u>or</u>	
LL157	GPR Lab	2 credits
LL243	English Grammar	3 credits
LL257	Foundations of Writing and Editing	3 credits
LL315	Advanced Composition (<u>Writing Intensive</u>)	3 credits
LL319	Research and Integrity in Writing	3 credits

LL357	Advanced Editing Workshop	2 credits
LL344	Language Studies	3 credits
LL396	Writing Internship	2 credits
LL473	Introduction to Shakespeare (<u>Writing Intensive</u>)	3 credits
LL497	Seminar in Advanced Writing and Editing	3 credits
		Subtotal: 30 credits

Creative Writing Concentration: (choose any four)

LL207	Creative Writing: Poetry	3 credits
LL208	Creative Writing: Fiction	3 credits
LL209	Creative Writing: Non-Fiction	3 credits
CM309	Script Writing	3 credits
TA289/489	Topics: Playwriting	3 credits
LL380	Literary Criticism	3 credits
		Subtotal: 12 credits

Professional Writing Concentration: (choose any four)

BU140	Business Communication	2 credits
CM209	Mass Media Writing	3 credits
CM311	Print Journalism	3 credits
CM336	Principles of Public Relations	3 credits
CM340	Argumentation and Debate	3 credits
CM345	Rhetorical Criticism (<u>Writing Intensive</u>)	3 credits
CM356	Web Design	3 credits
CM366	Organizational Communication	3 credits
LL209	Creative Writing: Non-Fiction	3 credits
		Subtotal: 11-12 credits

Self-Directed Concentration: Choose any combination of four courses from the Creative Writing and Professional Writing Concentrations

Subtotal: 11-12 credits

TOTAL: 43-44 credits

WRITING AND EDITING MINOR

Core Requirements:

LL102	College Composition II (<u>Writing Intensive</u>)	3 credits
CM153JS/PRS	Journalism/Public Relations Lab or	
LL157	GPR Lab or	
LL396	Writing Internship	2 credits
LL243	English Grammar	3 credits

LL257	Foundations of Writing and Editing	3 credits
LL315	Advanced Composition (<u>Writing Intensive</u>)	3 credits
LL319	Research and Integrity in Writing	3 credits
LL357	Advanced Technical Editing	3 credits

Subtotal: 20 credits

Electives: (Choose any two)

BU140	Business Communication	2 credits
CM209	Mass Media Writing	3 credits
CM309	Script Writing	3 credits
CM311	Print Journalism	3 credits
LL207	Creative Writing: Poetry	3 credits
LL208	Creative Writing: Fiction	3 credits
LL209	Creative Writing: Non-Fiction	3 credits
TA289/489	Topics: Playwriting	3 credits

TOTAL: 25-26 credits

COURSE DESCRIPTIONS

Course Code Key:

AR=Art and Design

AT=Athletic Training

BI=Biology

BS=Behavioral Science (*Psychology*)

BU=Business

CH=Chemistry

CJ=Criminal Justice

CM=Communication and Media Arts

CS=Computer Science

ED=Education

EE=Free Electives

EL=Elementary Education

ES=Exercise Science

GD=General Development

HG=History and Government

HI=History

HR=Honors

LL=Language and Literature (*English/Writing and Editing*)

MA=Mathematics

MU=Music

OM=Organizational Management

PH=Physics

RE=Real Estate

SE=Special Education

SM=Sports Management

TA=Theatre Arts

TM=Theology and Ministry (*Biblical Studies/Christian Ministry*)

ART COURSES

AR105 Art Appreciation 3 credits

This course is intended for students without an art background. It includes a study of the basic elements, principles, and concepts of art, with an introduction to major artists and their work in several artistic media. Discussions and lectures cover criticism, theory, philosophy, and values of various artists, cultures, periods, and styles. Introduction to various materials, media, and techniques of art-making are covered. Materials fee. (Fall/All and Spring/Odd)

AR110 Drawing I 3 credits

The class will cover the basic elements of drawing from nature and life in various media such as pencil, crayon, charcoal, ink, felt pen, pastel, etc. (Fall)

AR131 Design I - 2-Dimensional Design and Color Theory 3 credits

This course focuses on the elements and principles of design, and an introduction to the various artistic media and methods employed in two-dimensional design. Special study will be done in color theories and relationships. (Fall)

AR140 Introduction to Printmaking 3 credits

This course is an introduction to basic techniques in printmaking. Students will conceptualize and execute prints using a variety of techniques. Prerequisites: AR110 and AR131. (Interterm/Odd)

AR151 Design II- 3-Dimensional Design 3 credits

Students will study the elements and principles of design, and how these are applied to 3-D forms. Techniques to be learned will include carving, casting, construction, forming, modeling, assemblage, and mixed media. Materials fee. (Spring/Even)

AR155 Service Project Lab 1 credit

Supervision and documentation of the required service project.

AR160 Ceramics I - Basic 3 credits

Ceramics uses a multicultural approach to introduce students to the basic construction techniques of pinch, coil, slab, and wheel work. Students explore a range of clay from earthenware to stoneware. Glazing and firing techniques include pit-firing, raku, electric, and high fire gas reduction. Materials fee. (As Available)

AR171 Introduction to Illustration 3 credits

This course is an introduction to the diverse application of illustration. Students will work in a variety of methods and media while creating illustrations for a variety of fields. An emphasis will also be placed upon professional practice and communication with clients through conceptual stages. Students will be prepared with the introductory concepts needed to work in illustration, concept art, and entertainment design. Prerequisites: AR131 and AR215. (Fall/Even)

AR180 Introduction to Photography 3 credits

This course teaches the basic techniques and aesthetics of black and white photography. Class sessions are divided between lecture, field, and production experiences. Emphasis is on increasing camera and production skills as a form of artistic expression and to produce a deliverable product for commercial application. Students are required to supply their own digital camera. Contact the instructor for specifications. Materials fee.

AR210 Drawing II 3 credits

The class covers the advanced techniques, problems, and other aspects of drawing. Prerequisites: AR110 and AR131. (Spring)

AR211 Art History I - Ancient to Medieval 3 credits

This course is a focused study of the history of artistic media, methods, styles, and artists from pre-history to the Proto-Renaissance. Dominant ideas and values of western and non-western art will be examined. Discussions and lectures cover criticism, theory, philosophy, and values of various artists, cultures, periods, and styles. Various materials, media, and techniques will be introduced. (Spring/Odd)

AR212 Art History II - Renaissance to Modern 3 credits

This course is a study of artistic media, methods, styles, and artists from the Proto-Renaissance to the 21st Century. Dominant ideas and values of western and non-western art will be examined. Discussions and lectures cover criticism, theory, philosophy, and values of various artists, cultures, periods, and styles. Various materials, media and techniques will be introduced. (Fall/Odd)

AR215 Introduction to Computer Graphics 3 credits

This course is an introduction to the tools and techniques of creating imagery and layouts through the use of digital tools. Students will acquire a basic understanding of how to integrate various digital and natural media. This course will also provide

concepts necessary for artists to be able to digitally package, market, and present their artwork. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign). Materials fee. Prerequisite: AR131 or by permission of the instructor. (Spring/All and Fall/Odd)

AR220 Painting I 3 credits

This class serves as an introduction to painting with the various media and techniques commonly used in oil painting. Techniques, demonstrations, and lectures will involve transparent and opaque methods, as well as the creation and preparation of painting surfaces. This course requires a significant investment in personal supplies and materials. Materials fee. Prerequisite: AR110 or consent of instructor. (Spring)

AR235 Sculpture I - Basic 3 credits

This class serves as an introduction to the basics of sculpture. Media introduction and exploration such as clay building, modeling, carving, and molding will be covered. Materials fee. Prerequisite: AR151. (As Available)

AR260 Ceramics II – Advanced 3 credits

Students will concentrate on advanced hand-building and wheel throwing techniques. Laboratory assignments will enable the student to create glazes and investigate firing techniques related to glazes. Materials fee. Prerequisite: AR160. (As available)

AR275 Elementary Art Methods 3 credits

This course is a study of art methods and curricula relevant to educators teaching at the elementary school level. Materials fee. Prerequisite: ED219 or department approval. Does not fulfill a general education requirement. (Spring/Odd)

AR280 Alternative Photography 3 credits

A continuation of Introduction to Photography designed to teach advanced techniques, composition, and aesthetics of black and white photography. Emphasis is on alternative methods of creating photographic images, including various techniques and mediums. This course includes projects requiring out-of-class photography shoots on a variety of subjects and an investment in the process of distinct image-making. Materials fee. Prerequisites: AR131 and AR180. (Fall/Even)

AR289 Topics in Art and Design**3 credits**

This course is designed to expose students to various topics in Art and Design.

AR310 Figure Drawing**3 credits**

Study of materials, procedures, techniques, and problems related to drawing the human figure. Materials fee. Prerequisite: AR210. (Spring/Odd)

AR315 Visual Communication in Graphic Design**3 credits**

This course focuses on the creation of visual ideas that communicate and move the designer to integration of form and function. An emphasis on research will be used in conjunction with conceptualization to develop unique, powerful graphic designs. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisite: AR215 or by permission of the instructor. (Fall/Even)

AR320 Painting II**3 credits**

This course is a continuation of AR220, including advanced technique development and an expansion beyond oil-based media. The successful painter will understand that painting is a vital means of producing art and demonstrate mastery of the media and methods of painting. Materials fee. (Fall)

AR326 Digital Imaging**3 credits**

A course focused on advanced digital tools and techniques used to edit digitally acquired photography. The course will orient around production techniques used in real-world commercial situations. Students will also use photography skills to produce their own creative photography shoots and edit the images to specifications with a mind towards integration in layout. Final work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisites: AR180, AR215, or by permission of the instructor. (Fall/Odd)

AR335 Sculpture II - Advanced**3 credits**

The class serves as a continuation of basic sculpture. This standard studio course in sculpture will explore the advanced techniques and media. Materials fee. Prerequisite: AR235. (As available)

AR345 Theory and Criticism in Visual Art 3 credits

This course surveys the historic development of visual art beginning with the ancient Greeks through Post-modernism. Reading, lecture and discussion, and examination/critique of art work (s) will lead the student to an understanding of how modern/contemporary visual art has developed through the ages into its current fluid state. Discussion will include how concepts were formulated, including world views involving aesthetics/philosophical, political, religious, and sociological contexts. (Writing Intensive) Prerequisite: Junior standing. (Fall/Even)

AR360 Ceramics III -Studio 3 credits

The course serves as an upper level study in ceramics. It includes further exploration of building and throwing techniques, as well as glazing and glaze mixing. Materials fee. Prerequisites: AR160 and AR260. (As available)

AR371 History of Illustration 3 credits

This course covers the rich history and diverse media and styles of illustration, concentrating on illustrators from the genesis of the art form to the present. Emphasis will be placed on analyzing style, understanding working techniques, and revealing connections between illustrators. (Interterm/Even)

AR376 Secondary Art Methods 3 credits

Students will engage in a study of the history and philosophy of art education in general, and of curricula and methods particular to teaching art at the secondary level. The class may be offered through another ACCK school and will be taught by a licensed secondary educator. Concurrent with ED400. Materials fee. Prerequisites: ED219, acceptance to STEP, and TB test. (Fall/Even)

AR380 History of Photography 3 credits

This course covers the rich history, diverse techniques, and working styles of photographers with an introduction to contemporary practitioners. Emphasis will be placed on analyzing style, understanding processes, and analyzing bodies of work in order to spur on the student's own development. (Interterm/Even)

AR38_ Projects in _____ 1-3 credits

Advanced study in a particular medium for students who have taken all scheduled courses in that area. Possibilities include AR381 Drawing, AR382 Painting, AR383 3-D Design, AR384 Printmaking, AR386 Ceramics, and AR388 Photography. (Available upon instructor approval)

AR410 Advanced Drawing 3 credits

Upper level study in drawing techniques and media, with an aim towards creating portfolio-level work and discerning the individual's distinct artistic expression. Emphasis on group critique and collaborative growth. Prerequisite: AR210. (Spring/Even)

AR415 Advanced Layout and Design 3 credits

Students will generate advanced layouts across a variety of uses with complex requirements with high standards of excellence in concept and execution and integration of conceptual skills. An understanding of print, screen, and file specifications will be developed to provide students with the skills necessary to create distribution-ready designs. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisites: AR215, AR180, or by permission of the instructor. (Spring/Even)

AR420 Painting III 3 credits

Upper level study in painting techniques and media, with an aim towards creating portfolio-level work and discerning the individual's distinct artistic expression. Materials fee. (Fall)

AR426 Digital Illustration and Image Making 3 credits

This course serves as an advanced study of creating student driven images that communicate using a variety of both digital and natural media tools. It focuses on exposing students to a variety of styles and techniques through exploration. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisites: AR180, AR215, AR220, or by permission of the instructor. (Spring/Odd)

AR435 Sculpture III - Studio 3 credits

A Senior level concentration in sculpture toward completion of a major's portfolio in sculpture and final preparation for the senior creative product. Materials fee. Prerequisites: AR335. (As available)

AR460 Ceramics IV - Senior Studio 3 credits

A senior-level concentration in ceramics toward completion of a major's portfolio and final preparation for the senior creative product. Materials fee. Prerequisite: AR360. (As available)

AR471 Thematic Illustration 3 credits

This course will cover the creation of a series of tightly related images that communicate a specific theme or story. Emphasis will be upon the conceptual process and creating a set of illustrations with high continuity of application and style. The duration of the course will be spent on one single project. Students will be prepared with the advanced concepts needed to work in illustration, concept art, and entertainment design. Prerequisites: AR171, AR131, and AR215. (Spring/Even)

AR485 Thematic Photography 3 credits

This course will facilitate the creation of a series of tightly related images that communicate a specific theme or story. Emphasis will be upon the conceptual process and creating a set of photographs with high continuity of application, content, and style. The duration of the course will be spent on either one or two thematically driven projects composed of several images. Students will investigate advanced concepts needed to work in photographic venues such as fashion, magazines, photojournalism, or fine art. Materials fee. (Spring/Even)

AR489 Topics in Art and Design 3 credits

This course is designed to expose students to advanced study of various topics in Art and Design. (Available upon instructor approval)

AR491 Professional Development Seminar 1 credit

This course prepares Art and Design seniors for entering the workforce or applying to graduate programs. Students are required to create a variety of professional materials, such as an artist statement, résumé, cover letter, and portfolio. Other topics to be examined include personal branding, interviewing, installing an exhibition, applying to juried shows, acquiring gallery representation, and joining professional art organizations. Prerequisite: Junior standing in the Art and Design major. (Fall)

AR490 Senior Art Exhibition**3 credits**

Seniors assess the strengths and weaknesses of their portfolios. Under supervision of the Art and Design faculty students prepare a portfolio of their best work to present to the A/D faculty. Upon evaluation, certain works will be selected for presentation of a professional show at the Art Center. The student must have a minimum of 20-25 professional pieces to display for the senior art exhibition; however, faculty may require more. Only work developed beyond the studio experience will be accepted for review. Materials fee. (Spring)

ATHLETIC TRAINING COURSES**AT200 Practicum I****1 credit**

A clinical/practicum course designed for students in their first semester of acceptance into the ATP. Specific competencies and proficiencies are required to be met during the student's clinical experience. Prerequisites: AT242 and AT243. Fee: \$85 (Fall)

AT242 Care and Prevention of Athletic Injuries**2 credits**

This course serves as a general overview and basic introduction to the many facets of athletic training focusing on the care and prevention of athletic injuries, and the role of the athletic trainer and the sports medicine professional (i.e., record keeping, initial injury evaluation and recognition, treatment, and legal concerns). Students rotate through a variety of clinical observations as part of this course. AT majors only. Concurrent with AT243. (Spring)

AT243 Care and Prevention Techniques for Athletic Training **1 credit**

This clinical-oriented course deals with the prevention, assessment, and management techniques of athletic injuries. This "hands-on" lab must be taken concurrently with AT242. Fee: \$20. (Spring)

AT250 Structural Anatomy**2 credits**

Students will study the structural anatomy of the human body. An emphasis will be placed on bony and muscular identification, appropriate terminology, bone markings, muscular attachment sites, and identifying anatomical landmarks. This class is designed for those students pursuing careers in Exercise Science, Medicine, and Athletic Training. (Spring)

AT255 First Aid for Athletic Trainers 3 credits

An intensive course in First Aid, including lectures, demonstrations, and practice in accident prevention and treatment of injuries. American Heart Association Basic Life Support for Healthcare providers and Heartsaver First Aid certifications may be secured upon completion of the course. \$20.00 fee for certification. Instructor approval required. (Interterm)

AT289 Topics in Athletic Training 3 credits

This course is designed to expose students to various topics in Athletic Training.

AT301 Practicum II 2 credits

A clinical/practicum course designed for students in their second semester of enrollment in the ATP. Prerequisites: AT200 and AT352. Fee: \$105 (Spring)

AT302 Practicum III 2 credits

A clinical/practicum course designed for students in their third semester of enrollment in the ATP. Prerequisites: AT301 and AT351. Fee: \$25 (Fall)

AT315 Therapeutic Exercise 3 credits

This course deals with the theory and practice of therapeutic exercise and rehabilitation techniques as they relate to the physically active. Lecture and labs will be used to demonstrate proper techniques typically administered to patients in the athletic training and other rehabilitation settings. Prerequisite: Instructor Approval. (Spring)

AT330 General Medical Concerns 3 credits

This course is designed to discuss the common general medical concerns that may be encountered in the Athletic Training field. Advanced evaluation techniques will be demonstrated and practiced in the assessment of common injuries and conditions to the eye, ear, nose, throat, thorax, lungs, abdomen, heart, and the integument. Prerequisite: BI110. (Spring)

AT351 Assessment of Upper Extremity Injuries 3 credits

This course discusses the proper assessment and management of athletic injuries to the head, neck, shoulder, elbow, forearm, wrist, hand, and fingers. The student will learn how to recognize and evaluate common athletic injuries to these areas of the body in classroom settings. Concepts and skills taught in the course will be

reinforced through structured laboratory/practical experience. Prerequisite: AT250. (Spring)

AT351L Assessment of Upper Extremity Injuries Lab 1 credit

The lab accompanies AT351 Upper Body Evaluation. This course is a practical study in clinical evaluation of upper extremity, head, neck, and illnesses commonly sustained by the physically active. Emphasis is placed on proper evaluation for the purpose of (1) administering proper first aid and emergency care and (2) making appropriate referrals to physicians. The class will meet one time per week and will consist of demonstration, practice, and evaluation of assessment techniques. Concurrent enrollment with AT351.

AT352 Assessment of Lower Extremity Injuries 3 credits

This course discusses the proper assessment and management of athletic injuries to the low back, pelvis, hip, thigh, knee, lower leg, ankle, and foot. The student will learn how to recognize and evaluate common athletic injuries to these areas of the body in the classroom setting. Additionally, concepts and skills taught in the course will be reinforced through structured laboratory/practical experiences. (Fall)

AT352L Assessment of Lower Extremity Injuries Lab 1 credit

The lab accompanies AT352 Lower Body Evaluation. This course is a practical study in clinical evaluation of lower extremity and illnesses commonly sustained by the physically active. Emphasis is placed on proper evaluation for the purpose of (1) administering proper first aid and emergency care and (2) making appropriate referrals to physicians. The class will meet one time per week and will consist of demonstration, practice, and evaluation of assessment techniques. Concurrent enrollment in AT352.

AT403 Practicum IV 1 credit

A clinical/practicum course designed for students in their fourth semester of enrollment in the ATP. Prerequisites: AT302 and AT430. Fee: \$105 (Spring)

AT404 Practicum V 2 credits

A clinical/practicum course designed for students in their fifth semester of enrollment in the ATP. Prerequisites: AT315 and AT403. Fee: \$25 (Fall)

AT420 Psychosocial Intervention 1 credit

This course will provide appropriate intervention strategies and referral techniques specific to the role of a medical professional to initiate recovery for any athlete/patient experiencing a variety of psychosocial problems. (Interterm)

AT430 Therapeutic Modalities 3 credits

The purpose of this class is to educate the student in the function and role of therapeutic modalities in treatment of athletic injuries. Actual application of course material will be reinforced through “hands-on” laboratory experience with a vast majority of modalities used in sports medicine today. (Fall)

AT430L Therapeutic Modalities Lab 1 credit

Emphasis is placed on the proper application of therapeutic modalities as they pertain to specific injuries and conditions. The class meets once a week and will consist of demonstration, practice, and evaluation of therapeutic techniques. Concurrent with AT430. (Fall)

AT435 Administration in Athletic Training 3 credits

The course will include such topics as legal liability, fiscal management, facilities operation, personnel supervision, public relations, and organizational structures. (Fall)

AT440/L Developing and Implementing Strength and Fitness Programs 3 credits

In this course, students will learn the components of physical fitness, and how to analyze and apply neuromuscular and physiological knowledge to determine the content and administration of pre-season, in-season, and off-season programs for a variety of athletic teams at different levels of competition. Prerequisite: ES370. (Writing Intensive) (Spring)

AT445 Seminar in Athletic Training 1 credit

A course designed for library research discussion of critical questions and contemporary issues and problems in athletic training/sports medicine. Prerequisite: Senior status. (Writing Intensive) (Fall)

AT450 Pharmacology for the Athletic Trainer 1 credit

This course is a survey of the pharmacological agents utilized in the practice of athletic training, and those typically prescribed by physicals that pertain to the

athletic population. Management and handling of medications will also be discussed. Instructor permission. (Fall)

AT489 Topics in Athletic Training 3 credits

This course is designed to expose students to advanced study of various topics in Athletic Training.

AT495 Practicum VI 1 credit

A clinical/practicum course designed for students in their final semester of enrollment in the ATP. Specific competencies and proficiencies are required to be met during the student's clinical experience. This course is a culmination of all competencies and proficiencies learned. Prerequisite: AT404. Fee: \$25 (As needed)

BIOLOGY COURSES

BI101/L Principles of Biology with Lab 4 credits

Students will be introduced to scientific thought and exploration. Fundamental principles and concepts of biology will be addressed from the perspective of the universal need all organisms share to meet their physical and biochemical requirements. Understanding the shared as well as different approaches to these requirements allows us to categorize organisms and to better understand our own biology. (Spring/Odd Years)

BI110/L Human Anatomy and Physiology 5 credits

Course serves as an introduction to the anatomy and physiology of cells, organs, and systems of the human organism in order to provide better understanding of the basic biological principles of each system and appreciation of the delicate functional structure as well as their relationship. Four class discussions and one 3-hour laboratory each week. (Fall)

BI125/L Environmental Science 4 credits

Students are introduced to ecological principles including energy flow, nutrient cycles, predator-prey relationships, pollution problems, population dynamics, and renewable and non-renewable energy sources and their alternatives. Position and impact of mankind in the environment and consideration of the sociological, political, economic, and religious implications of their relationship to the ecosystem are addressed. Two class discussions and one three-hour laboratory each week. (Spring)

BI170/L Zoology**4 credits**

The study of major biological principles including origins, cellular structure and function, animal architecture and organization, animal classification, and interrelationships of animals within the environment via a survey approach of the major animal phyla. Three class sessions and one three-hour laboratory each week. (Fall)

BI210 Medical Terminology**1 credit**

The course is designed to introduce students to terminology commonly used in the medical field. Students will learn the origin and application of common suffixes, prefixes, and root words in relation to the major systems of the human body. (As announced)

BI240 Topics in Biology**3 credits**

This course is designed to expose students to various topics in the Biological, Health, and Medical Sciences.

BI258/L Comparative Anatomy**4 credits**

The course is a study of the major vertebrate classes in respect to the anatomy of selected organ systems. Designed for the pre-health professional, the course is taught from a view of the organ systems with major emphasis focused on the understanding of the human anatomical structure. Three class discussions and one three hour laboratory each week. Prerequisite: BI170. Additional course fee. (Fall/Odd Years)

BI263/L Genetics**4 credits**

The course serves as an introduction to principles of Mendelian inheritance and molecular genetics. Emphasis will be on developing the skills of genetic analysis as well as an understanding of basic principles. Three class discussions and one three-hour laboratory each week. Prerequisite: BI170. (Fall)

BI280/L Human Physiology**5 credits**

This course is designed for majors to study the structure, function, and interrelatedness of selected human systems. Emphasis is placed on the phenomenon of biological organization from the molecular level through the organ system level. Four class discussions and one three-hour laboratory each week. Prerequisites: BI110 and BI170. (Spring/Even Years)

BI320/L Botany**4 credits**

The study of major biological principles including origins, cellular and tissue structure and function, development, growth, and organization as applied to plants. A survey approach is utilized to introduce the student to bacteria, fungi, photosynthetic protists, and the plant kingdom. Three class sessions and one three-hour lab each week. Prerequisite: BI170. (Spring/Odd Years)

BI344/L Microbiology**5 credits**

General consideration of bacterial anatomy and physiology: viruses, disease, and the immunological response. Cellular biochemistry will be emphasized. Four class discussions and one three-hour laboratory each week. Prerequisites: BI170, BI263, and CH151 or CH110. (Spring/Even Years)

BI350/L Cell, Molecular, and Developmental Biology**4 credits**

This course covers molecular level cell structure and functions of organelles. Emphasis is placed on ultra structure, organization and function of cellular organelles, and the regulation of selected cell activities. Cell cycle related topics are covered in detail. Certain signal transduction models are also covered by introduction of current papers from selected scientific journals. Prerequisites: BI110 or BI170, and BI263. (Spring/Even Years)

BI360/L Ecology**4 credits**

The course is a study of the biotic and abiotic factors that affect the distribution and abundance of plants and animals. Three class discussions and one three-hour laboratory each week. Prerequisite: BI170. (As announced.)

BI370 Immunology**3 credits**

An introductory course in immunobiology and immunochemistry. Major topics include the genetics of the immune system, adaptive and innate immune responses, and current issues in immunotherapeutic and the immune system in human diseases. Prerequisites: BI263 and one course in Organic Chemistry. (Spring/Odd Years)

BI380/L Wildlife Management**4 credits**

This course will introduce students to scientific principles of wildlife ecology, conservation, and management. Topics include basic ecological principles, population dynamics, harvest management, and wildlife-habitat relationships. Wildlife conservation, management techniques, and ethical issues will also be

discussed. Three class sessions and one three-hour laboratory each week.

Prerequisite: BI125 or BI360. (As announced)

BI393 Internship in Biology

1-3 credits

Internships in biology allow for credit to be given to the student acquiring practical training and experiences in a variety of biology-related occupations such as summer work in a biotechnology laboratory, the shadowing of a physician, veterinarian, physical therapist, etc., or the preparing and teaching of selected biology laboratory experiences within the department. Each program will be designed to fit the individual student's needs and plans. One unit of credit is awarded for an approximate 40 contact hours of experience with a maximum of three credits possible. Prerequisites: minimum of 16 credits in biology and chemistry. (Fall/Spring)

BI394 Directed Readings in Biology

1-2 credits

Individual study programs designed to remove a specific deficiency in a student's academic program. Prerequisite: consent of instructor. (As announced)

BI395 Independent Study

1-3 credits

Independent research in which the student utilizes scientific methods to solve a biological problem. Highly recommended for students who plan to apply for graduate school. This work may be incorporated into the senior science report. Prerequisites: minimum of 16 credits in biology and chemistry and instructor consent. (As announced)

BI440 Topics in Biology

1-3 credit

This course is designed to expose students to various topics in the Biological, Health, and Medical Sciences. Prerequisites: minimum of 16 credits in biology and chemistry and instructor consent. (As announced)

BI441 Biological Research

1-3 credits

This course is designed to enhance the student's knowledge through lab experiences and an on- or off-campus research project under Biology Department supervision. Students are expected to produce tangible outcomes from actual laboratory experiments. Prerequisites: minimum of 16 credits in biology and chemistry and instructor consent. (Fall/Spring)

BI498 Senior Seminar I - Library Techniques 1 credit

Following a seminar format, contemporary and ethical issues in the biological sciences will be reviewed and discussed. Also, a study of the bibliographic resources available to gain access to the technical literature of science will be conducted. Each student will compile an annotated bibliography on a selected topic from the primary and secondary literature. Prerequisite: Senior standing in biology. (Fall)

BI499 Senior Seminar II - Senior Science Report 1 credit

Development of oral and written skills needed for presenting a technical scientific report. Each student will write a technical review paper on a selected topic and present their topic in a seminar forum to a jury of their peers and invited guests. Prerequisite: BI498. (Writing Intensive) (Spring)

BEHAVIORAL SCIENCE COURSES

BS115 Principles of Sociology 3 credits

This course presents the sociological perspective to answering questions about behavior. Emphasis is given to the importance of patterns of social organization and the meaning these patterns have for individual and social life. (Spring)

BS125 General Psychology 3 credits

This course presents the psychological perspective to answering questions about behavior. The roles of our physical makeup, experiences, and how these factors work together to help explain the mind and normal and abnormal behavior are considered. (Fall/Spring)

BS131 Self and Society 3 credits

This course weaves together lessons from psychology and sociology in ways that prepare students for effective participation in society. Psychology lessons include basic reading and principles from neurobiology, sensory and perceptual processes, memory, cognition, learning, unconscious influence, and social psychology. Sociology lessons expand understanding of bias, expose students to different cultures including global inequalities, sensitize them to influences of social institutions, and explore hidden explanations of behavior.

BS160 Social Inequality Field Trip 3 credits

Students spend one week on campus learning background information about Central America including its history of colonialism, its export economics, its

political volatility and the resulting wealth inequality. Students then travel for 2 weeks in Central America to experience the extant inequality. The class participates in reciprocal development projects with local people. Each student selects a topic for further exploration through interviews with Latin American people. (Interterm)

BS196 Statistics for the Behavioral Sciences 3 credits

This course provides a foundation for statistics as used in psychology and sociology. It introduces descriptive statistics, the logic of hypothesis-testing and inference, and the basic parametric and nonparametric tests used in the discipline. It includes instruction in computer analysis of data. Prerequisite: MA110 or qualifying score. (Fall)

BS225 Developmental Psychology 3 credits

This course covers life span development beginning with the genetic endowment at conception and continuing through old age. Particular attention is given to cognitive development. Prerequisite: BS125. (Fall)

BS242 Industrial/Organizational Psychology 3 credits

Industrial/organizational psychology is the attempt to increase organizational effectiveness and individual well-being by the application of psychological principles and methods to the world of work. This course surveys the theoretical and empirical foundations of various strategies used to improve such factors as employee selection and placement, performance appraisal, job attitudes, work motivation, leadership, job design, organizational culture, and work environment. (Fall/Even Years)

BS261 Social Psychology 3 credits

This course presents a review of scientific study of group processes and how they influence an individual. The effects of groups, societies, and cultures on personality and behavior will be examined. Prerequisite: BS125. (Spring)

BS265 Psychological Testing 3 credits

This course introduces students to the history and current practice of psychological testing. Students consider the appropriate role of psychological testing in modern society. A major goal of the course is to enable behavioral scientists and educators to become intelligent users of psychological tests. Prerequisites: BS196 and BS225, or consent of the instructor. (Fall/Odd Years)

BS270 Theories of Counseling 3 credits

This course introduces students to several of the major psychotherapies. The introduction includes a review of assumptions about personality made by each of the therapeutic schools and the techniques they typically use. Students have the opportunity to find a therapeutic style that fits them and “practice” their style in role-playing situations. The course covers psychodynamic, behavioral, and non-directive approaches. Prerequisites: BS125; BS225 is highly recommended. (Fall/Odd Years)

BS289 Topics in Behavioral Science 1-3 credits

This course is designed to expose students to various topics in the Behavioral Sciences.

BS290 Behavioral Science Practicum 3 credits

This course involves the student in work with a cooperating agency. This opportunity allows students to experience occupations related to the helping professions and to bridge the academic and work worlds. Campus training and supervision as well as on-site training and supervision are required. Prerequisites: BS225 and consent of department faculty. (Spring)

BS295 Behavioral Science Research Methods 4 credits

This course investigates the methods used to collect information about behavior. It covers field study, correlation, and experimental techniques. Students learn to evaluate data based on descriptive statistics and inferential procedures as well as the basics of scientific report writing. Prerequisites: BS125, BS196, and MA110. (Spring)

BS325 History and Philosophy in Psychology 3 credits

This course traces the development of ideas about human behavior which culminated in the formal establishment of psychology as a discipline. Early developments within the formal discipline will also be reviewed. Prerequisites: BS225 and BS295, or instructor consent.

BS345 Biological Foundations of Behavior 4 credits

This course presents biological principles which are important to behavior and covers aspects of comparative and physiological psychology. Specific topics include principles of physiological analysis, structures and functions of the nervous system, and neurophysiologic correlates of behavior patterns. The lab includes

investigations of neuroanatomy and examination of methods used to investigate brain-behavior relationships. Students must complete lab and research reports. Prerequisites: BS225 and BS295, or consent of the instructor. (Writing Intensive) (Spring/Even Years)

BS350 Cognitive Psychology 3 credits

This course surveys classic and current approaches to the scientific study of human thought. The cognitive processes involved in memory, information processing, language, attention, reasoning and problem solving, as well as human perceptual experience and consciousness, will be explored. Emphasis will be placed on understanding current scientific models, concepts and theories in light of their historical antecedents. Prerequisite: BS295. (Fall/Even Years)

BS365 Learning Theory 4 credits

This course presents principles and theories of learning. Topics include the historical development of classical and operant conditioning and theories to account for these phenomena. Students also consider limits to learning and applications of learning principles. Students must complete lab and research reports. Prerequisites: BS225 and BS295, or consent of the instructor. (Writing Intensive) (Spring/Odd Years)

BS385 Abnormal Psychology 3 credits

In this course students examine the classification, causes, prevention, and treatment of abnormal behaviors. Students will read and synthesize primary source literature. Prerequisites: BS225 and BS295, or consent of the instructor. (Spring/Even Years)

BS386 Theories of Personality 3 credits

In this course students examine the components and structure of personality as seen by major personality theorists. Students will read and synthesize primary source literature. Prerequisites: BS225 and BS295, or consent of the instructor. (Spring/Odd Years)

BS397 Independent Study 1-3 credits

Qualified department majors investigate a problem of interest that arises from previous coursework. The original research may be field, lab, or library oriented. In any case, an evaluation of the literature and work toward a formal research paper are required. Prerequisites: Junior or senior standing, 3.0 overall GPA, and consent of instructor.

BS440 Research Experience 3 credits

Research Experience provides advanced students a practical application course related to scientific practice. Students build on their understanding of research design and data analysis to collect relevant background information for conducting a project and create a design that isolates relevant variables and controls conditions in ways that make conclusions reliable and valid. Students will complete a research paper describing the project that meets requirements and the APA Publication Manual. Prerequisites: BS295 and one writing intensive course. (Fall)

BS489 Topics in Behavioral Science 1-3 credits

This course is designed to expose students to advanced study of various topics in the Behavioral Sciences.

BS490 Service Seminar 2 credits

This course reviews professional expectations about using one’s skills to serve the community and provides students the opportunity to reflect on their service assignments. Each student will identify a voluntary service opportunity and conduct that voluntary service throughout the seminar. Prerequisite: Junior or senior standing. (Fall)

BUSINESS COURSES

BU102 Introduction to Business 2 credits

The course is an introduction of foundational business concepts along with a study of successful academic, professional, and life strategies. (Fall)

BU120 Business Computing 3 credits

Students will study and practice advanced computing techniques using software common to the workplace. Most of this course will be online. (Interterm)

BU140 Business Communication 2 credits

Students will study, practice, and analyze professional communication situations including common business etiquette scenarios, as well as oral communication skills needed in the workplace. (Fall)

BU190 Personal Finance 3 credits

Looks at the principles and practices involved in successful personal finance and how to organize and manage one’s finances. It takes an in-depth look at consumer

testing, correlation, linear and multivariate regression analysis, linear optimization routines, chi-square test procedures, and statistical quality control. Emphasis will be placed on understanding statistical concepts, experimental design, and interpretation of statistical results. Students will be introduced to computer-based tools used in the analysis of data. Prerequisites: MA108, MA110, or MA150 or higher Math. (Fall)

BU256 Business Writing 2 credits

Analysis and practice of the various forms of written business communications. (Writing Intensive) (Spring and Interterm)

BU309 Intermediate Accounting I 3 credits

This course analyzes valuation issues relating to financial statement presentations. Emphasis is placed on the balance sheet with the corresponding effect on the income statement. Prerequisites: BU209 and BU210. (Fall/Odd Years)

BU311 Cost Accounting 3 credits

This course focuses on accounting information that provides key cost data to managers for planning and controlling operations. An in-depth study of the basic concepts, analysis, uses, and procedures to utilize accounting as a managerial tool for business strategy and implementation. Prerequisites: BU209 and BU210. (Fall/Even Years)

BU326 Marketing 3 credits

Studies the four classic functions of the marketing mix process and their application – including an analysis of the marketing mix, target market, segmentation, market research, product/service development, packaging, pricing, advertising, media and promotion. (Fall)

BU328 Introduction to Marketing Research 3 credits

The course introduces students to the roles and methods of marketing research. Topics include problem identification, research design, question and survey development, data collection and analysis, and report presentations. Topics will be taught from both theoretical and practical application perspectives. (Spring/Odd Years)

BU331 Entrepreneurship 3 credits

The course is an introduction to the essential knowledge and skills of entrepreneurship, while focusing on the planning, management, marketing, financing, and operating entrepreneurial enterprises. (Fall/Odd Years)

BU334 Social Entrepreneurship 3 credits

Focuses on the role social entrepreneurs play in contemporary society, economy and community as change agents while exercising accountability. Particular attention is given to mission as it relates to continuous innovation, adaptation, and learning. (Spring/Even Years)

BU338 Management Leadership 3 credits

This course is a study and analysis of management and leadership techniques. Christian concepts will be integrated throughout the course. (Spring)

BU341 Free Market and Capitalism 3 credits

This course introduces the concepts of capitalism and the free enterprise system. It explores the merits of a free society, intellectual freedom, economic freedom, the capitalistic economic structure, and the role of governments in economic systems. (Fall/Odd Years)

BU343 Capitalism throughout the World (Past and Present) 3 credits

The course explores the historic development and implementation of capitalism throughout the world. Students are exposed to different models of capitalism, and will explore the merits of each. The impact of globalization on capitalism is also explored. (Spring/Even Years)

BU344 Management Information Systems 3 credits

Students will explore the relationship between hardware, software, systems, and humans in the organizational context. (Fall/Odd Years)

BU354 Accounting Information Systems 3 credits

This course studies the concepts of accounting information systems and related technologies. The transaction cycles and processes are analyzed to determine the internal controls necessary to prevent fraud and to ensure accurate processing of data. Controls over information technology systems are emphasized. Database management using ACCESS is incorporated in the course. Prerequisites: BU209 and BU210. (Fall/Even Years)

BU356 International Business 3 credits
Explores the global marketplace and how international and multinational business is conducted. It approaches the subject from an environmental perspective by studying the extrinsic uncontrollable forces (competitive, distributive, economic, socioeconomic, financial, legal, physical, political, socio-cultural, and labor), and how they affect domestic, foreign, and global business practices. (Spring)

BU362 Ethics in Business 3 credits
Students learn to apply ethical concepts to business situations. Foundational Christian concepts and beliefs will be incorporated into the business situations as well. (Writing Intensive) (Fall)

BU365 Organizational Behavior 3 credits
Examines the complex interaction between all parties in an organization. (Spring)

BU374 Financial Management for Social Entrepreneurs 3 credits
Study and practice of fundamental financial concepts pertaining to social entrepreneurship. (Spring/Odd Years)

BU381 Money and Banking 3 credits
This course explores the economic principles and institutional features of money, the payments system, and the financial system. Emphasis will be placed on macroeconomic monetary policy, commercial banking, sovereign currency systems, investment markets and functions, and global monetary flows. Prerequisite: BU201 (Fall/Even Years)

BU391 Portfolio Management 3 credits
Studies the theory and techniques of financial asset analysis and management. The course is designed to provide students with methods to engage investment decisions. Topics addressed include market mechanisms, mutual funds, risk assessment, the yield curve, security market, fundamental stock analysis, and portfolio theory coupled with portfolio management. (Spring/Odd Years)

BU395 Independent Study 1-3 credits
This course provides an opportunity to conduct in-depth research in a business area of interest. A formal proposal must be submitted to the Dept. of Business and approved by the independent study overseer/mentor and department chair. Upon completing the independent study, a formal presentation as well as a

comprehensive paper in MLA, APA, Turabian, or agreed upon style will be required. Prerequisites: Junior or senior Business Administration standing and Department Chair approval. (As announced)

BU402 International Economics and Finance 3 credits

This course examines international trade, finance, and economic integration as it relates to international trade theory, banking, and foreign exchange, as well as import-export and balance of trade. (As announced)

BU409 Intermediate Accounting II 3 credits

This course analyzes valuation issues relating to financial statement presentations. Emphasis is placed on the balance sheet with the corresponding effect on the income statement. Topics include the valuation and presentation of liabilities, equities, investments, deferred income taxes, pension reporting, lease obligations, and stock compensation. Prerequisite: BU309 (Spring/Even Years)

BU415 Auditing Principles 3 credits

This course studies auditing and other assurance services provided by the auditor. Auditing is defined as the accumulation and evaluation of evidence about information to determine and report on the degree of correspondence between the information and established criteria. This course develops the skills, knowledge, and professional attitude necessary to perform audit services. Prerequisites: BU309 (Spring/Even Years)

BU417 Finance 3 credits

This course focuses on the study and practice of fundamental financial concepts including investment, portfolio management, financial institutions, and the role of finance in decision making processes. (Fall)

BU419 Investment 3 credits

Introduces students to basic investing principles through the security analysis process of risk-free, debt, equity, and real estate asset classes leading to the selection of securities and/or mutual funds to build an investment portfolio. (Spring/Odd Years)

BU420 Advanced Marketing

3 credits

The class focuses on the application of the principles from the Marketing course into a marketing plan. Students will also assess and analyze marketing situations from multiple perspectives. Prerequisite: BU326. (Spring/Odd Years)

BU421 Human Resources Management

3 credits

This course looks at the role that HR plays in organizations – including staffing, training and development, benefits selection, motivation, and creating a productive work environment. Labor relations together with labor law and related issues are also discussed. (Spring/Even Years)

BU422 Operations Management

3 credits

Students will study the world of operations management and problem-solving while learning about the relevance and application of quality management tools. Focuses on the ongoing developments of analytical and strategic thinking. Prerequisite: BU250. (Spring/Odd Years)

BU427 Advertising and Promotion

3 credits

Explores the creative and strategic thinking, methods, and applications involved in advertising media (TV, radio, print, internet, and consumer promotions), and the development of effective and efficient advertising media and promotion plans. (As announced)

BU428 Sales and Customer Service

3 credits

A practical course that looks into the theory and art (application) of professional sales and sales management, as well as why effective and efficient customer service practices are critical. (Spring/Even Years)

BU431 Entrepreneurship II

3 credits

Application of principles studied in Entrepreneurship I into a business plan and feasibility study. Prerequisite: BU331. (Spring/Even Years)

BU441 Capitalism and the American Way

3 credits

This course explores the role of capitalism in the formation, history, and development of the United States. Specific topics covered include property and contract rights, government policy, banking, division of labor, competition, and monetary policy. (As announced)

BU445 Crisis Management

3 credits

Develops managerial skills in crisis avoidance, management, and recovery. Students learn how to respond to situations creating danger to organizations, their employees, and the public. (Spring/Even Years)

BU447 Christianity and Economics

3 credits

This course explores the relationship between Christianity and economic principles including the role of government, debt, property rights, taxes, and distribution of funds. Specific attention is paid to the Biblical basis of various economic systems. (Fall/Even Years)

BU450 Federal Income Taxation

3 credits

This course covers federal income taxation with an emphasis on individual taxation issues. Topics addressed are calculations arriving at total income, adjusted gross income, and taxable income, marginal and effective tax rates, filing status, and other related tax issues. Brief introduction to corporate and partnership taxation. Prerequisite: BU209 (Spring/Odd Years)

BU460 Development Economics

3 credits

An examination of the factors affecting the economic modernization of the less-developed countries. Emphasis will be placed on capital formation, human capital, investment allocation, technical progress, income distribution, population growth, and the international economics of development. Various theories and methods on the derivation of policies and practices that can be implemented at either the domestic or international level for local social order impact will be addressed. An introduction to both quantitative and qualitative tools may be employed for project or policy analysis. (Spring/Even Years)

BU493 Business Internship - Work Experience

3 credits

This course allows students to gain professional work experience in their major fields of study. The work experience must create a new learning environment for the student—preferably in an area in which the student intends to seek employment upon graduation. The Internship Agreement and Goals form must be filled out and approved by the Director of Career Services before the internship begins. Prerequisites: Recommendation of department faculty, approval of sponsoring organization, and appropriate academic background. (Fall/Spring)

BU499 Business Policy**3 credits**

This course marks the culmination of the Business Administration program. It presents business administration majors the opportunity to integrate the knowledge gained from the business and interdisciplinary liberal arts curriculum as pieces of a puzzle that come together to provide a gestalt business experience. Students grouped into cross-functional consultant teams implement knowledge and strategic management to analyze, troubleshoot, and make organizational recommendations. Prerequisites: senior standing or permission of Department Chair. (Spring/Odd Years)

CHEMISTRY COURSES**CH110 Introductory General Chemistry****3 credits**

This one-semester course covers some of the more important aspects of general chemistry. (Interterm/Odd Years)

CH151/L General Chemistry I**5 credits**

This course covers the fundamental laws and principles of chemistry. There are four lectures and one 3-hour laboratory period per week. (Fall)

CH152/L General Chemistry II**5 credits**

This is a continuation of CH151 with four lectures and one three-hour laboratory period per week. Prerequisite: CH151 with a grade of C- or better or consent of instructor. (Spring)

CH232/L Introductory Organic Chemistry**4 credits**

This course covers the more important aspects of organic chemistry. There are three lectures and one 3 hour laboratory period each week. Prerequisite: CH110 or CH152 with a grade of C- or better or consent of the instructor. (Fall/Odd Years)

CH255/L Quantitative Analysis**5 credits**

This course covers volumetric, gravimetric, and spectrometric analysis, including fundamental principles and standard methods of procedure. There are three lectures and two 3-hour laboratories per week. Prerequisite: CH152 with a grade of C- or better or consent of the instructor. (Spring/Even Years)

CH261/L Organic Chemistry I**5 credits**

The course focuses on the chemistry of carbon-containing compounds. There are three lectures and two 3-hour laboratory periods per week. Prerequisite: CH152 with a grade of C- or better or consent of instructor. (Fall/Even Years)

CH262/L Organic Chemistry II**5 credits**

This is a continuation of CH261. There are three lectures and two 3-hour laboratory periods per week. Prerequisite: CH261 with a grade of C- or better, or consent of instructor. (Spring/Odd Years)

CH265 Biochemistry**3 credits**

This course covers several major metabolic pathways and the structure and function of major categories of biological molecules. Prerequisite: CH232 or CH262 with a grade of C- or better or consent of the instructor. (Interterm/Even Years)

CH289 Topics in Chemistry**1-3 credits**

This course is designed to expose students to various topics in the field of Chemistry.

CH380 Physical Chemistry**3 credits**

This course is a one-semester survey of physical chemistry addressing the topics of thermodynamics, kinetics, atomic/molecular structure, and spectroscopy. While mathematical foundations will be addressed, emphasis will be on applications of the concepts (for example, to biological systems). Prerequisites: CH152, MA210, PH210-211, PH220-221. (As announced)

CH489 Topics in Chemistry**1-3 credits**

This course is designed to expose students to advanced study of various topics in the field of Chemistry.

CH498 Senior Seminar I - Library Techniques**1 credit**

Following a seminar format, contemporary and ethical issues in the biological and chemical sciences will be reviewed and discussed. Also, a study of the bibliographic resources available to gain access to the technical literature of science will be conducted. Each student will compile an annotated bibliography on a selected topic from the primary and secondary literature. Prerequisite: Senior standing in chemistry. (Fall)

CH499 Senior Seminar II - Senior Science Report 1 credit
Development of oral and written skills needed for presenting a technical scientific report. Each student will write a technical review paper on a selected topic and present their topic in a seminar forum to a jury of their peers and invited guests. Prerequisite: CH498. (Writing Intensive) (Spring)

CRIMINAL JUSTICE COURSES

CJ110 Introduction to Criminal Justice 3 credits
This course provides an initial overview of the criminal justice system and is designed to familiarize students with the basic facets and components of criminal justice at the local, state, and federal levels. (Fall)

CJ210 Criminology 3 credits
Overview of the primary criminological theories, as well as an examination of the social context within which each was developed. This course also examines how the theories aid in explaining causation of crime. (Spring)

CJ220 Criminal Law 3 credits
This course explores substantive criminal law by way of a case study approach and examination of statutory law. The study includes analysis of criminal acts, required elements of crimes, punishments and possible defenses to criminal conduct. Crimes against persons and property are examined. (Fall/Even years)

CJ230 Criminal Procedure 3 credits
A concentration on the rules of criminal procedure as they are related to the criminal justice process, including rights of those accused of crimes, arrests, search and seizure, interrogation, confessions, right to counsel and exclusionary rule. Prerequisite: CJ220 (Spring/Odd years)

CJ240 Corrections, Probation, and Parole 3 credits
An overview of the theory behind corrections, as well as historical and current practices of corrections within the criminal justice system. This course examines various types of correctional institutions, alternatives to incarceration, legal rights of inmates, reintegration into the community following release, parole/probation, and major issues confronting correctional institutions. Prerequisite: CJ110 (Fall/Odd years)

CJ250 Judicial Process

3 credits

A study of the judicial process, including historical foundations, jurisdiction of state and federal courts, roles of individuals (i.e. judge, jury, and attorneys), standards of proof, and sufficiency of evidence. This class also provides opportunities for students to learn techniques that will help in giving credible and effective testimony in court. Prerequisite: CJ110 (Spring/Even years)

CJ310 Criminal Investigation

3 credits

A study of the basic means and methods, procedures, and techniques available to law enforcement for investigating crimes. Attention is also given to the foundational elements of the rules of evidence as applied to investigations. Prerequisites: CJ220 and CJ230

CJ320 Criminal Justice Administration

3 credits

A study of leadership theory as it relates to the effective administration and management of a criminal justice agency. The course also examines decision-making, finance and budgeting, recruitment and selection of personnel, training, and policy development. Prerequisite: CJ110 (Fall/Odd years)

CJ330 Drugs, Alcohol, and Crime

3 credits

This course examines the history and prevalence of drug and alcohol use in America, as well as the criminal repercussions of such use. Attention is also given to causes of and treatment for addiction, drug identification, and enforcement of drug and alcohol laws. (Spring/Even years)

CJ340 Juvenile Justice and Delinquency

3 credits

An examination of the juvenile offender within the juvenile justice system. Includes theories of juvenile delinquency, form and function of juvenile courts, social factors associated with juvenile criminal behavior and legal rights of juveniles. Prerequisite: CJ110 (Fall/Even years)

CJ350 Diversity Issues in Criminal Justice

3 credits

A study of the full range of individual differences across the spectrum of the criminal justice system. Includes discussions of diversity based on experience, age, race, gender, socio-economic class, and disabilities, and how these variances impact everyone within the criminal justice system. Prerequisite: CJ110 (Spring/Odd years)

CJ360 Law Enforcement Internship 1-3 credits

This internship is designed to give criminal justice students enrolled in the law enforcement concentration the opportunity to gain real world experience. Students will be connected with a local law enforcement agency or officer and will complete a minimum of 50 hours of experience for each hour of academic credit. All internships must be pre-approved.

CJ370 Legal Internship 1-3 credits

This internship is designed to give criminal justice students enrolled in the pre-law concentration the opportunity to gain real world experience. Students will be connected with a local attorney or law firm and will complete a minimum of 50 hours of experience for each hour of academic credit. All internships must be pre-approved.

CJ380 Terrorism and Homeland Security 3 credits

Focuses on the impact that terrorism has on individuals, society, and government in our country. Included are discussions of the impact of terrorism on law enforcement, especially first responders, changes in America's perspective on constitutional rights, and government responses to terrorism. (Spring/Odd years)

CJ390 Independent Study 1-3 credits

Provides students with an in-depth study of a current topic of interest in criminal justice. Requires prior approval by instructor. Prerequisite: Junior or senior standing in Criminal Justice.

CJ410 Senior Seminar 3 credits

Students apply the knowledge and experiences gained from the Criminal Justice curriculum through class discussions, presentations, and the completion of a major senior project. (Writing Intensive) Prerequisite: Senior standing in Criminal Justice.

CJ420 Legal Research Methods 3 credits

Introduces students to the basic techniques of legal research, writing, and analysis. Attention is given to briefing of cases, researching legal issues, and framing legal arguments. Prerequisite: Junior or senior standing in Criminal Justice (Fall/Odd years)

CJ280/480 Special Topics in Criminal Justice

1-3 credits

Topics related to specific subjects within the field of criminal justice that are not taught as a component of the standard curriculum.

COMMUNICATION AND MEDIA COURSES

CM101 Public Speaking

3 credits

This course emphasizes the development of skills needed to successfully speak in public situations. These skills include audience analysis, listening, research, organization, and the performance of original speeches. Students will study and present speeches to inform and persuade. They also have an opportunity to experience and analyze group function and oral presentation as a group member. Meets general education requirement with a grade of C- or higher.

CM105 Introduction to Film Studies

3 credits

This course serves as an introduction to concepts and critical tools that help to pry meaning from cinema. Students will view, discuss, analyze, and ultimately critically interpret or evaluate a variety of films. (Fall)

CM150 Debate/Forensics Laboratory

1 credit

Students receive credit for participation in the intercollegiate forensics and debate teams. It requires a minimum of 30 hours of participation and may be repeated for a maximum of four credits, **one of which must be service related.**

CM150D Debate Laboratory

This course involves instruction, practice, and intercollegiate competition in Parliamentary and/or Lincoln-Douglas Debate through the department's membership in the National Forensics Association and the National Parliamentary Debate Association. Students will apply argumentation theory, research, and critical thinking. Candidates for teacher licensure must participate in both types of debate. Enrollment is by audition or consent of instructor.

CM150DS Debate Laboratory – Service

This course involves instruction, judging, and evaluating policy, Lincoln-Douglas and congressional style debates through service leadership in assisting with coaching, judging, and scheduling and/or administration of tournaments at the high school or collegiate level. Students will apply

argumentation theory, research, and critical thinking. Prerequisite: CS150D and/or consent of instructor.

CM150F Forensics Laboratory

Participation in intercollegiate individual events: Persuasive, Informative, Extemporaneous, Impromptu, and After Dinner Speaking; Dramatic Interpretation, Duo Interpretation, Communication Analysis, Prose, Poetry, and Program of Oral Interpretation. Candidates for teacher licensure must participate in both speaking events and interpretive events. Enrollment is by audition or consent of instructor.

CM150FS Forensics Laboratory – Service

Upper-level majors employ their skills in competitive speaking and interpretation in service leadership to the community. Students will assist local high school and/or collegiate coaches in preparing students, attending and judging competitions, and assisting in tournament management. Prerequisite: CS150F and/or consent of instructor.

CM153S Media Service Laboratory **1 credit**

This course provides credit for participation in media production. Student contracts with professor for responsibilities, expectations, reporting, and evaluation. Options in four areas are available as noted below.

CM153JS Mass Media Lab – Print Journalism

This lab provides newsroom experience for students desiring to work for the STIR and develop skills as reporter/journalist. Prerequisite: CM209.

CM153PRS Mass Media Lab – Public Relations

For students interested in developing skills in public relations with an emphasis on gaining practical use through planning, research, action, communication, and evaluation.

CM153RS Mass Media Lab - Radio

The course provides a workshop/lab for broadcasting. Participants are involved with radio as deejays, announcers, show hosts, writers, producers, reporters, directors and technical operators. Students are strongly encouraged to assume multiple positions.

CM153VS Mass Media Lab – Video

Students gain experience working with news broadcasting and creative video productions. Students develop skills in planning, shooting, editing video for productions distributed throughout the campus community and beyond. Student interns work with television production. Prerequisite: CM209 or CM247.

CM207 Mass Media, Self, and Society 3 credits

Survey of development and current state of mass media industries including print media, broadcasting, film, and developing computer based media. Domestic and international perspectives on the mass media are explored with an emphasis on the political, economic, and social significance of mass media. Possible career opportunities are also presented. (Spring)

CM209 Mass Media Writing 3 credits

This course is an introduction to various media writing formats, techniques, and styles. Students will write journalism-oriented print stories for the web and a short broadcast documentary package. Commercial ads and PSA scripting will also be explored. Students will learn how to develop a silent short film script for future production potential. (Fall)

CM247 Introduction to Cinema Production 3 credits

This course gives students a hands-on immersion in visual storytelling with an emphasis on single camera technique. Students will become familiar with digital cinematography, lighting, audio for video/film, and non-linear editing. Multiple-camera technique is introduced for comparative purposes and exposure. Several short projects for the "Sterling Festival of Films" are required. (Spring)

CM257 Audio Production 3 credits

This course presents a survey of the principles and technical possibilities of digital audio in today's Media industries. In addition to exploring the science of sound, students will use mixing, recording, and digital editing equipment for a live event as well as to create music mixes, radio spots, and sound for film productions. Emphasis is on communicating a creative and technically excellent message. (Spring/Even)

CM263 Interpersonal Communication

3 credits

Theories, research, and practice in one-to-one communication relationships including the topics of perception, listening, non-verbal communication, conflict management, and relationship development and maintenance. (Spring/Odd Years)

CM289 Topics in Communication

3 credits

This course is designed to expose students to various topics in Communication and Media.

CM309 Script Writing

3 credits

This course focuses on the development of screenplays for both short film narratives and television production. Students will examine dramatic structure, dialogue, and characterization while completing scripts with the potential for use in SC's annual film festival. (Spring/Odd Years)

CM311 Print Journalism

3 credits

This course explores journalistic writing and introduces students to advanced research and interviewing methods, building on skills introduced in CM209. The course requires extensive journalistic writing primarily in the areas of opinion, feature, and in-depth writing. Prerequisite: CM209. (Spring/Even)

CM319 Broadcast News

3 credits

A focused examination and application of the principles of broadcast journalism. This includes broadcast news and sports news writing, broadcast videography, and Internet-distributed video news production. Students participate in a student-focused television news show by creating breaking news and feature videos to be broadcast online. Students will also create a demo DVD from projects. Prerequisite: CM209 or CM247. (Fall/Even)

CM336 Principles of Public Relations

3 credits

This course is a study of the working world of public relations. Organizing, planning, writing and constructing news releases, event planning, product and image promotion will be covered in this course. Attention will also be paid to internal communication, corporate communication and media relations. (Fall/Odd)

CM340 Argumentation and Debate 3 credits

This course presents a historical and critical analysis of the modes of argumentation, with special emphasis upon the fundamental principles of persuasion and debate. It is designed to improve critical thinking, evaluation of evidence and logic, and advocacy for a cause. Prerequisite: CM101. (Fall/Even Years)

CM344 Theories of Human Communication 3 credits

This course is an overview of current theory and research in the major subfields of human communication. Significant studies and research advances in the context of interpersonal, group, and organizational mass communication. Focus on the physical tools and operations that humans use to communicate, the contexts of communication, and the communication research process. Prerequisite: CM207. (Writing Intensive) (Spring/Odd Years)

CM345 Rhetorical Criticism 3 credits

This course will examine the basic concepts, theories, and processes involved in rhetorical criticism, reflecting on our exposure to all forms of communication, and focusing on analysis of societal messages from a rhetorical and critical perspective allowing for heightened awareness of the importance of criticism in today's society. Prerequisite: CM101. (Writing Intensive) (Fall/Even)

CM347 Editing and Post Production 3 credits

Students will explore editing aesthetics and applications in cinema creation. Emphasis is given to the creation of found footage trailer mash ups, cartoon music videos, and motion graphic techniques. Students will create and edit short film scenes to practice knowledge of editing and post production techniques. Prerequisite: CM247. (Interterm)

CM350 Multiple Camera Live Production 3 credits

An exploration of multi-camera live event production processes, techniques, and personnel. Students will work in a studio setting and on-location, planning and producing programs, functioning together as a production team. Prerequisite: CM247. (Fall/Odd)

CM356 Web Design 3 credits

This course will provide foundational principles for web design. Students will explore various options available to create and maintain content on the web.

Students will become familiar with the basics of HTML, CSS, and Dreamweaver, and have the ability to create web pages using a variety of methods. (Fall/Even)

CM360 Directed Readings in Communication 1-3 credits

For majors or minors only by arrangement with department.

CM365 Gendered/Intercultural Communication 3 credits

This course is an examination of the inextricable link between communication, gender, and culture and how expectations regarding gender, sex, and culture impact our choice of language and our construction of reality as well as the inverse.

Students will discover how language conveys specific sexual and/or cultural messages, how men and women chose to use language, and how we perceive or expect differences between genders and cultures. (Spring/Even Years)

CM366 Organizational Communication 3 credits

An introduction to theory, research, and applied practice in the study of communication within an organizational setting, examining socialization, decision making, conflict, stress and burnout, cultural diversity, and external communication. Determining the uniquely distinct role communication plays in the workplace/organization is a primary endeavor. (Fall/Odd Years)

CM380 Independent Study 1-3 credits

CM443 Media Law and Ethics 3 credits

This course offers an overview of historical and current developments in mass media law and regulation. Significant attention is also placed on increasing students' ability to decipher ethical issues from cases in today's media environment using information and rationale based on material presented during this course.

Prerequisites: CM207 and CM209, or instructor permission. (Spring/Even)

CM447 Producing and Directing Cinema 3 credits

This is an applied course in cinema directing and producing. Students work in various positions during preproduction, production, and postproduction stages of original, short narrative projects. These projects are earmarked for festival competitions including the "Sterling Festival of Films." Prerequisite: CM347.

(Fall/Odd)

EDUCATION COURSES

+Acceptance into STEP required.

*TB test needed

ED195 Introduction to Education 2 credits

An overview of the teaching profession and an examination of the role schools play in the fabric of American society. Coursework will include orientation to the Sterling College Teacher Education Program concept of the teacher as Servant Leader, portfolio design and expectations, education reform at the state and national level, and standards-based education. Emphasis will be placed on contemporary professional, ethical, and legal issues and problems facing American schools and the effect changes in American society have upon the purpose and areas of emphasis in American schools. (Fall/Spring)

ED201 Field Experience in Education* 2 credits

This course is designed to provide practical experience in developing classroom knowledge and skills that are essential to teaching. STEP's five goals based on Danielson's four domains of teaching are presented, discussed, and related to classroom observations. Course requirements include a minimum of thirty (30) clock hours of observation in schools with diverse populations. (Interterm)

ED205 Cultural Diversity in Education* 2 credits

This course focuses on the impacting factors of cultural diversity within an educational setting. Experiences are designed to examine critical elements of the educational process that are influenced by culture and to increase awareness, knowledge and skill in providing culturally responsive curriculum and instruction within a classroom setting. Off campus experiences are required. (Fall/Spring)

ED206 Classroom Management 2 credits

This class will provide teacher candidates with the knowledge and skills necessary to accomplish appropriate classroom management. Areas addressed will include: student motivation, behavior interventions, homework, grading, and parent/guardian communication. (Fall/Spring)

ED219 Instruction and Assessment 4 credits

In this course teacher candidates will develop and extend knowledge and skills in classroom instruction and assessment. Candidates will develop teacher-centered and student-centered lesson plans, and identify and design appropriate assessment

tools. Unit planning and micro-teaching are integral components of the course. Candidates must achieve a C or higher on the unit plan prior to taking Level II classes. Prerequisite (or concurrent with): SE210 (Fall/Spring)

ED272 Educational Psychology* + 3 credits

This course assists teacher candidates in applying theories and philosophies of child and adolescent development to the education process. Case studies will be discussed and assessed with Praxis scoring rubric. Concurrent with ED357. (Fall/Spring)

ED289 Topics in Education 1-3 credits

This course is designed to expose students to various topics in Education.

ED356 Technology in the Classroom 2 credits

This course will explore the wide range of instructional applications of computer technology in K-12 classrooms. Students will learn to integrate and model good and innovative uses of current educational technology, facilitated by using the computer as an administrative tool, by using technology as an information delivery medium to enhance communication as a source of information, and as a student productivity tool. Current technology issues and ISTE standards for teachers and students will also be addressed. Prerequisite: A basic understanding of computer operations and software applications. (Fall/Spring)

ED357 Reading and Writing in the Content Area+* 3 credits

This class will allow teacher candidates an opportunity to plan a variety of strategies for teaching reading, vocabulary, and writing appropriate to content in grades 4-12; assess writing using the 6-trait Writing Assessment; integrate reading and writing within content areas and across the curriculum. Concurrent with ED272. Prerequisite: ED219. (Fall/Spring)

ED395 Independent Study in Education+ 1-3 credits

Open to junior and senior education students. Student and professor agree upon topic/study (i.e. Readings in Education, Educational Assessment, etc.) and evaluation procedures. Requirements include 1000 pages of reading material, or equivalent involvement, for each hour of credit. Prerequisite: Approval of the STEP faculty.

ED400 KPTP Field Experience Lab+***1 credit**

This lab is required for all majors receiving an education endorsement through the Sterling Teacher Education Program. All candidates will complete at least 15 hours of field experience (or the hours designated by their major, whichever is greater) in their chosen endorsement area or major. Teacher candidates will design a minimum of two lessons which will be taught in their placement setting with evaluations from their host teacher. Using the demographics of the district/classroom students will complete Tasks 1 and 2 of the KPTP on a timeline scheduled by the college instructor as well as review and discuss Tasks 3 and 4 as they relate to the candidates' Clinical Teaching Experience. A grade of C or higher on the unit is required to participate in Clinical Teaching Experience. Concurrent with Methods. Prerequisites: ED219 and acceptance to STEP.

**ED406 Methods/Teaching Natural Science
in the Secondary School +*****3 credits**

This course is designed to provide the prospective teacher with knowledge and skills for teaching the natural sciences at the secondary level (Grades 6-12). Content includes curriculum selection and design, safe laboratory management and operation, integration of curriculum, inclusionary practices, methods and modalities of teaching, assessment, classroom application of various forms of technology, and professional organizations. Micro-teaching, classroom observation, and group and self-evaluation are included. Concurrent with ED400. Prerequisite: ED219 (Spring)

**ED415 Methods for Teaching English/Language Arts
in the Secondary School +*****3 credits**

This course is designed to assist student teachers in becoming confident, effective professional educators in secondary level English (Grades 6-12). Students will become familiar with a variety of specific methods to use in teaching literature, composition, and language. Among topics to be considered will be: current trends in English curriculum development, the six-trait writing process, inclusionary practices, classroom organization, assessment, classroom application of various forms of technology, and professional organizations. Concurrent with ED400. Prerequisite: ED219 (Spring)

**ED416 Methods for Teaching Speech and Theatre
in the Secondary School +*****3 credits**

Students are required to apply speech and drama content to the techniques needed for effective secondary level (Grades 6-12) classroom teaching. Opportunities are

provided for students to exercise their teaching skills in the areas of unit plans, daily lesson plans, teaching strategies, evaluation, assessment, classroom management, inclusion and different learning styles. Discussions of resource allocation, safety, classroom application of various forms of technology, and professional organizations are also included. Each student is encouraged to develop his/her personal philosophy of education and incorporate it in relation to integrity/ethics in the classroom and personal evaluation to maintain a sense of balance and growth. Concurrent with ED400. Prerequisite: ED219. (Spring)

ED440 Methods for Teaching Social and Behavioral Science in the Secondary School +* 3 credits

This course is designed to prepare students for successful teaching at the secondary level (Grades 6-12) in both the social and behavioral sciences. Emphasis is placed on different approaches and practices of instruction planning and classroom management, selection and classroom application of various forms of technology, evaluation and questioning techniques, state assessments, research methods, professional organizations and the inclusive classroom. Concurrent with ED400. Prerequisite: ED219. (Spring)

ED467 Methods for Teaching Mathematics in the Secondary School +* 3 credits

This course is designed to provide the prospective secondary-level (Grades 6-12) mathematics teacher the methods of teaching contemporary mathematics content. Topics include methods of presentation, awareness of national mathematics organizations, the writing of unit/daily lesson plans, micro-teaching of a math lesson, selecting materials, inclusionary practices, classroom application of various forms of technology, and techniques of assessment. Concurrent with ED400. Prerequisite: ED219. (Spring)

ED489 Topics in Education 1-3 credits

This course is designed to expose students to advanced study of various topics in Education.

ED490 Seminar in Education+* 1 credit

This course is required for all K-6, 6-12, and PreK-12 students. Students individually and collaboratively research and discuss major topics in education. This course prepares teacher candidates for clinical teaching experience and subsequent employment. This course should be taken the **semester prior to Clinical**

Teaching Experience. Prerequisite: Completion of all Level I professional education courses. (Writing Intensive) (Fall/Spring)

ED497 Kansas Performance Teaching Portfolio+* 3 credits

This course is required for all majors receiving an education endorsement through the STEP. Candidates will design and teach a Kansas Performance Teaching Portfolio (KPTP) using district, school, and classroom contextual data. The final KPTP will be submitted according to the timeline designated by STEP and scored by trained KSDE scorers. Candidates not meeting the submission timeline will be delayed in their program completion by one semester or until a future, official state KPTP scoring session is available. Candidates must achieve a minimum score of 20 to be considered a STEP completer and eligible for licensure through KSDE. Concurrent with ED498. Prerequisites: Acceptance to CTE. (Fee)

ED498 Clinical Teaching Experience+* 12 credits

Course includes observing, assisting and teaching for 12 to 16 weeks in an accredited school under the guidance of cooperating teachers and college supervisors. An online discussion board is incorporated into this course to cover and reinforce topics that are timely and relevant. It allows for discussion and reflection on classroom practices. (Required weeks may vary according to field of study.) Prerequisites: Level II course requirements listed above. A student teaching fee is assessed. (Fall/Spring)

FREE ELECTIVES

Free Electives are courses that do not fill any GE or major requirements and are not offered on a regular basis. These courses serve to enrich the diversity of options available to students.

EE113 Introduction to Chinese Language and Culture

EE200 B-Movies

ELEMENTARY EDUCATION COURSES

+Acceptance into STEP required.

*TB test needed

EL152 English Language Arts for K-2 3 credits

This course is designed for entry level elementary education majors to develop the knowledge and skills necessary to effectively instruct primary grade (K-2) children through the development of literacy skills: reading, writing, listening, speaking, and handwriting. The major goals of this course are for the prospective teacher to

develop an understanding of literacy development of the primary-grades child, current literacy theories, and a positive attitude toward literacy in all students who may have varying needs. Prerequisite (or concurrent with): EL154 (Fall)

EL154 English Language Arts for 3-6 3 credits

This course is intended for entry level elementary education majors to develop the knowledge and skills necessary to effectively instruct primary grade (3-6) children through the development of literacy skills: reading, writing, listening, speaking, and handwriting. The major goals of this course are for the prospective teacher to develop an understanding of literacy development of the intermediate-grades child, current literacy theories, and a positive attitude toward literacy in all students who may have varying needs.

EL256 Child and Adolescent Literature 3 credits

This course is studies traditional, multi-cultural, and modern literature for children and adolescents and how literature is integrated into all disciplines. Prerequisite: EL152. (Spring)

EL289 Topics in Education 1-3 credits

This course is designed to expose students to various topics in Elementary Education.

EL330 Methods of Teaching Elementary Math I+ 3 credits

This course provides an introduction to mathematics content and methods of teaching for K-6 teachers. Candidates will study the NCTM and Common Core mathematics standards, what it means to know and do mathematics and teaching through problem-based learning. Specific content topics include: number concepts and number sense, operations, place value, helping children master basic facts, whole-number computation, measurement, and geometry. Prerequisite: C- or higher in a college-level math class, 172 or higher on the math portion of PPST, or 18 or higher on the math portion of the ACT, and ED219. (Spring)

Elementary Education Methods Block (EL333, EL335, EL337, EL356)*

The following four courses will be taken concurrently in a field-based methods experience. The coursework will encompass both instructional coursework and elementary classroom participation for a total of 11 hours credit.

EL333 Methods of Teaching Elementary Science+ 2 credits

This course provides an examination of current practices in science research and their application to the classroom. Emphasis placed upon process teaching. Prerequisite: ED219. Concurrent with ED400. (Fall)

EL335 Methods of Teaching Elementary Social Science+ 2 credits

This course provides an examination of current practices and social science teaching methods, including planning, instruction, and assessment with an emphasis on multicultural concepts, self-esteem, questioning skills, map and globe skills, thematic unit instruction, inquiry teaching, and cooperative learning. Prerequisite: ED219. (Fall)

EL337 Methods of Teaching Elementary Math II+ 3 credits

An extension of current concepts and methods of teaching K-6 mathematics is provided in this course. Candidates learn to plan and assess student centered lessons, and assist ELL learners in learning mathematics. Topics include estimation, algebraic thinking, fractions and decimals, ratio and proportion, data analysis, probability, exponents, integers, and real numbers. Strategies to instruct in problem solving, manipulatives, and a variety of materials and ways of developing understanding and critical thinking are discussed and modeled. Prerequisites: ED219 and EL330. (Fall)

EL356 Methods of Teaching Elementary Reading and Language Arts + 4 credits

This course is designed to teach the instruction of reading and language arts. Classroom environment, planning and preparation, and instructional strategies are studied as they pertain to teaching in the language arts areas. Basic developmental reading stages are emphasized along with integration of other subject areas. (Writing Intensive) Prerequisites: ED219, EL151, EL153, and EL256. (Fall)

EL350 Reading Testing and Diagnosis+* 3 credits

This course emphasizes a developmental approach to teaching reading. Teacher candidates learn diagnostic methods of assessing students' needs and developmentally appropriate strategies for meeting these needs. Application of acquired skills is achieved during field experience in the public schools. Prerequisites: ED219, EL151, and EL256. (Spring)

EL489 Topics in Education

1-3 credits

This course is designed to expose students to advanced study of various topics in Elementary Education.

EXERCISE SCIENCE COURSES

ES101 Concepts of Physical Fitness and Health

2 credits

This course presents an overview of what God has to say about the body and our stewardship responsibility before Him in caring for the body we have been given.

A study of specific health and skill-related aspects of fitness will be emphasized.

This course is designed to give students the tools to either begin or maintain a lifestyle of optimal health and fitness. This is not an activity course, but activity will be a part of the course. Meets general education requirement with a grade of C- or higher. (Fall/Interterm/Spring)

ES103 Physical Activity – Team Sports

1 credit

This course is designed to give students an opportunity to participate and learn rules, strategy, and techniques in a variety of selected team sports and/or activities.

Activity and participation are essential. This course will allow students to experience a host of activities that will promote life-long health and activity. (Fall)

ES104 Physical Activity - Bowling/Golf

1 credit

This course is designed to give students an opportunity to participate and learn rules, strategy, and techniques for the sports of bowling and golf. Activity and participation are essential. Students will understand the importance of participation over the importance of competition in participating in any activity course. This course will allow students to experience the benefits of bowling and golf to promote life-long health and activity through these two sports. Fee: \$30 (Spring)

**ES107 Physical Activity - Beginning
and Intermediate Swimming**

1 credit

A physical education activity course focusing on swimming and the lifelong benefits that can be gained from physical activity in an aquatic environment.

(Fall/Spring)

ES108 Physical Activity – Racquet Sports (Fall)

1 credit

ES111 Physical Activity - Aerobics/Strength Training

1 credit

(Fall/Spring)

ES115 Physical Activity - Folk Dance 1 credit

This course offers the study of national dances, indigenous American dance forms, and folk dances of Europe and America. Students will learn basic steps of these dance forms and analyze the meaning of folk dance as the expression of national and cultural vision. (As needed)

ES120 Foundations of Exercise Science 2 credits

This course provides an introduction to the profession including the history and philosophy of physical education. Students are introduced to the areas of academic focus, which provide the content of the profession. Current trends, career options, and the relevance of Christian commitment to the profession are discussed. (Fall/Interterm/Spring)

ES189 Topics in Sport Leadership and Safety 1-3 credits

This course is designed to expose students to various topics in Exercise Science.

ES200 Introduction to Motor Learning 2 credits

This course is designed to introduce students to the theoretical principles associated with the acquisition of motor skills. Information will be presented on motor learning and emphasize the learning process, the individual learner, and the instructional procedures that may be utilized by professionals in any movement setting. The course also represents how these theories may be applied to teaching methodologies. (Spring)

ES201 Lifetime Activities 2 credits

This course is designed to offer students the opportunity to learn and practice the rules, strategies, skills, and etiquette of selected lifetime and recreational activities which are commonly found in physical education and recreational programs. Emphasis is placed on the learning and instruction of skills necessary for each activity. Fee: \$10. (Fall)

ES202 Individual, Dual, and Team Sports 2 credits

This course is designed to offer exercise science majors and minors the opportunity to learn and practice the rules, strategies, skills, and etiquette of selected sports which are commonly found in physical education and recreation programs. Emphasis is placed on the learning and instruction skills necessary for each sport. Fee: \$10. (Spring)

ES221 Essentials of Personal and Community Health 3 credits

A study of the seven dimensions of health: physical, emotional, social, intellectual, spiritual, occupational, and environmental. Various topics covered include: concepts of aging, nutrition, fitness, infectious and non-infectious diseases, drug, alcohol, tobacco use, and consumer health. (Fall/Spring)

ES226 Rules and Officiating 2 credits

This course offers exercise science majors and minors the opportunity to learn and practice the application of rules in the officiating of different seasonal sports. Emphasis is placed on the learning of basic terminology associated with both the rules and officiating of the sports selected by the instructor. Fee \$20. (Spring)

ES242 Care and Prevention of Athletic Injuries 2 credits

This course provides exercise science majors an overview of injury prevention techniques, emergency procedures, as well as care and treatment of athletic injuries. Fee \$20. (Fall)

ES253 Recreational Leadership (Indoor-Outdoor) 3 credits

This course is a study of leadership qualities, methods, techniques, administration and supervision of recreation activities. (Fall/Spring)

ES255 First Aid 3 credits

This course provides the citizen responder with the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. Fee \$40. (Fall/Interterm)

ES289 Topics in Exercise Science 1-3 credits

This course is designed to expose students to various topics in Exercise Science.

ES300 Principles of Coaching 3 credits

This course gives a comprehensive introduction to the art and science of coaching. The course introduces a coaching philosophy, the principles of coaching as digested from the fields of sport psychology, sport pedagogy, sport physiology, sport medicine, and sport management. This course includes American Sport Education Program Coaching Principles certification (K.S.H.S.A.A.-Level 1 certification). (Fall/Spring)

ES305 Theory of Coaching Baseball 1 credit

This class focuses on the theory and techniques of coaching baseball, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Fall/Odd Years)

ES306 Theory of Coaching Basketball 1 credit

This class focuses on the theory and techniques of coaching basketball, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Fall/Even Years)

ES307 Theory of Coaching Football 1 credit

This class focuses on the theory and techniques of coaching football, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Spring/Odd Years)

ES308 Theory of Coaching Soccer 1 credit

This class focuses on the theory and techniques of coaching soccer, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Spring/Even Years)

ES309 Theory of Coaching Softball 1 credit

This class focuses on the theory and techniques of coaching softball, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Fall/Even Years)

ES310 Theory of Coaching Track and Field 1 credit

This class focuses on the theory and techniques of coaching track and field, including philosophy, fundamentals, practice organization, and administrative responsibilities. (Spring,/Odd Years)

ES311 Theory of Coaching Volleyball 1 credit

This class focuses on the theory and techniques of coaching volleyball, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Spring/Even Years)

**ES344 Curriculum and Methods of Teaching Physical
Education - Elementary (PreK-6)**

3 credits

The purpose of this course is to provide a combination of curriculum theory and practical application of teaching physical education for grades K-6 within the context of servant leadership and/or Biblical principles. The student will develop a P.E. curriculum, unit plans, and daily lesson plans. Practical teaching experience will be gained through peer and elementary age teaching. Prerequisite: ED219 or department approval. (Fall)

**ES346 Curriculum and Methods of Teaching Physical
Education and Health - Secondary (7-12)**

3 credits

The purpose of this course is to provide a combination of curriculum theory and practical application of teaching physical education for secondary students (grades 7-12) within the context of servant leadership and/or Biblical principles. Considerable hands on experience through peer-teaching activities. Concurrent with ED400. Recommended: ES344. (Spring)

ES348 Curriculum Methods in Health (PreK-12)

2 credits

This course will present theory and practice in health education programs including aims and objectives, curriculum design, teaching styles, learning environments, liability and evaluation. Students will study and present select personal and community health topic, within the context of servant leadership and/or Biblical principles. Practical teaching experiences in classroom settings will be emphasized. Concurrent with ED400. Prerequisites: ES221, ED219, and acceptance to STEP. Recommended: ES344 or ES346. (Spring)

ES360 Principles of Nutrition

3 credits

This course is intended to be a midlevel discussion and study of the field of nutrition. Basic components of the human diet and the special needs of the physically active will be emphasized. Some discussion of the various specialty diets and supplements will also be investigated. (Fall)

ES362 Field Practicum

1 credit

This course gives prospective majors practical experience in exercise science. Student will be required to teach an activity class. Prerequisite: Junior or senior standing. (Fall/Spring)

ES370 Kinesiology**3 credits**

Students will learn how to analyze the movements of the human body and discover their underlying principles. Three areas important for a comprehensive understanding of Kinesiology are muscular-skeletal anatomy, biomechanics, and neuromuscular physiology. Safety, effectiveness, and efficiency are the underlying aims in using Kinesiology for the analysis and modification of human movement.

(Fall)

ES374 Adapted Physical Education**3 credits**

This course deals with organizing, planning, and conducting physical education for the handicapped or disadvantaged students. Special attention is given to designing programs to meet the specific individual needs of a variety of handicapped students. Demonstrating servant leadership practices and the societal and personal benefits of serving special needs students will be discussed. Prerequisite: ES200.

(Spring)

ES380 Psychology of Sport**2 credits**

This course is designed to give the student an understanding of the psychological methods and applications relating to sports as well as the principles of sports psychology. Class discussion will include motivational variables, emotional states, personality variables, imagery, goal setting, and arousal-aggression variables.

(Fall/Spring)

ES400 Internship**3 credits**

This course enables Sterling College exercise science students to acquire work experiences during the summer months relating to the career they are pursuing. This experience is designed to expand on the learning experience and to integrate and reinforce skills and concepts obtained in the classroom by providing practical experience in a structured employment environment. All internships must be pre-approved through the student's advisor and Department Chair prior to the first day of the internship. A minimum of 160 hours of experience is required. Prerequisite: Junior status. (Fall/Spring)

ES420 Exercise Physiology**3 credits**

This course is a study of the physiological structures of the human body and their relationships to performance in physical education and athletics. Primary attention is paid to the adjustment mechanisms of the human body to exercise.

Recommended: ES360. (Spring)

ES475 Administration of Health, Physical Education, and Athletics 3 credits

This course is a study of school and recreational programs for men and women. Areas of study include: program management and planning, leadership, facilities, equipment, budgets, legal liability, marketing and finances and appraisal of activities of athletics and physical education. (Writing Intensive) Prerequisite: Junior status. (Fall)

ES489 Topics in Exercise Science 1-3 credits

This course is designed to expose students to advanced study of various topics in Exercise Science.

ES498 Senior Seminar 1 credit

An opportunity to apply the knowledge, principles, and skills gained from the Exercise Science curriculum through discussions, presentations, and the completion of a major senior project. Prerequisite: Senior status. (Fall)

GENERAL DEVELOPMENT COURSES

GD104 Academic Success 1 credit

This course is designed to increase learning and academic achievement in the college environment. It will cover learning and thinking styles, specific academic and decision-making skills to optimize learning, and self-management.

GD105 Foundations of Servant Leadership 1 credit

Designed to introduce new Sterling students to the servant leadership emphasis of our liberal arts curriculum that integrates faith and learning, this course will also focus on skills for academic success, life-long learning, and career/major planning. This course is required of all new students and should be completed in the first semester of attendance. Lab fee.

GD190 Chapel and Convocation 0 credit

Must be successfully completed each semester during which the student is enrolled full-time in an on-campus program at Sterling College and is a graduation requirement. This is a pass/fail course.

GD220 Independent Learning Experience 1-3 credits

This course is primarily for students wishing to meet areas of the General Education curriculum by individually designed experiences.

GD289 Topics 1-3 credits

This course is designed to expose students to selected topics.

GD330 Internship 1-3 credits

Experiences outside the college classroom that may serve one or more purposes for the student: career orientation and development, extension of general education, specialized work in a discipline, interdisciplinary work, or cross-cultural experience. Internships will be arranged, supervised, and evaluated by college faculty in terms of educational objectives and outcomes.

GD489 Topics 1-3 credits

This course is designed to expose students to selected topics.

GOVERNMENT COURSES

HG202 American Government 3 credits

This course explores the structure and dynamics of American national government, providing a broad-based introduction to the ideas and institutions that shape politics in the United States. Analysis is focused on three major areas: the Constitution and the debates of the founding era, the institutions of modern American government, and the political behavior of the American mass public. Emphasis will also be placed on study of the Executive, Legislative, and Judicial Branches of the United States Government. Students will be prepared with a more comprehensive understanding of the forces that shape American government and politics and to become more active participants in the process. (Spring/Even Years)

HG240 World and Regional Geography 3 credits

This course provides a geographical survey of physical and cultural regions of the world and how human activities are influenced by climate, topography, population, and natural resources. (Spring)

HG269 Constitutional Law 3 credits

The U.S. Constitution is the basis for our political system. However, many Americans know little about the Constitution and their rights. This course will provide a basic overview of our political system including the Constitution and how it is interpreted. In addition, this course will explore some of the key Supreme

Court decisions that have interpreted and informed our current constitutional law.

HG310 Government Practicum

American Studies Program, Washington, D.C.* 8 credits
and

HG311 Topics in Government

American Studies Program, Washington, D.C.* 8 credits

*A student accepted into this program operated by the Council for Christian Colleges and Universities will spend a semester in Washington, D.C. Half of the student's time will be spent attending seminars and completing projects; the other half will be spent as an intern with a government agency. See Registrar for application information.

HG320 State and Local Government 3 credits

This course studies the structure, operation, theories, and problems of state and local government with special emphasis on the government of Kansas.
(Spring/Odd Years)

HG322 Kansas History and Government 3 credits

The class provides a survey of the history and political development of Kansas. The course is focused particularly to provide hands-on learning activities for education majors. (Spring/ Odd Years)

HG323 Advanced American Government 3 credits

An in-depth study of aspects of American national government including the federal budget, the executive branch, the federal bureaucracy, the impact of interest groups on Congressional decision making and other topics. A term project is required. Prerequisite: HG202. (Fall/Even Years)

HG325 Comparative Government 3 credits

This course is a cross-polity study of politics. Political process and governmental institutions are compared. Special reference is given to major concepts and theories of comparative politics as well as to major Western political systems. (As announced)

HG372 International Relations 3 credits

A survey of techniques of power diplomacy, international law, national structures and policies as they apply to contemporary international affairs, as well as the dynamics of world affairs as they are developing currently. This course consists of two parts. Part A will provide a framework of theories and concepts; Part B is a study of specific cases and problems international relations. (Fall/Even Years)

HG390 Independent Study in Government 1 – 3 credits

Prerequisite: Junior Standing

HISTORY COURSES

HI101 History of World Civilization I (to 1500 AD) 3 credits

The objective of this course is to survey the history of cultures from the Stone Age to early modern times. Some cultures considered are Cro-Magnon, Sumerian, Assyrian, Egyptian, Greek, Roman, Indian, Chinese, Incan, Aztec, Islamic, Christian, Hebrew, Western Medieval, and Renaissance. An interdisciplinary approach will be used. (Fall)

HI102 History of World Civilization II (1500-present) 3 credits

This course is a continuation of the survey of cultures from Reformation to present. This global interdisciplinary study will include topics such as Reformers and their Cultures, Wars of Religions, Enlightenment, Revolution, Statism, Liberalism, Conservatism, Nationalism, Imperialism, Socialism, Scientism, and Totalitarianism. (Spring)

HI211 U.S. History I (to 1877) 3 credits

This course surveys the political, social, and economic history of the United States from its colonial heritage to the governmental crisis of Civil War and Reconstruction. Emphasis is placed on the acquisition of identity as a nation, the development of a sense of legitimacy in the government, the expansion of participation in selecting the government, the extension of government services into the nation, and the distribution of wealth throughout the society in the United States from 1776 through 1877. (Fall)

HI212 U.S. History II (since 1877) 3 credits

This course is a continuation of the survey of the political, social, and economic history of the United States from 1877 to the present. Emphasis is placed on the

expansion of government services, regulatory policy, and the quest for equality. Continuing emphasis will be placed on the themes of industrialization and the activities of government in expanding identity, legitimacy, and participation, extension of government services, and distribution of wealth. (Spring)

HI221 Topics in US History 3 credits

A course in which the subject will vary and be announced as offered and could include History of Courtship, Marriage and Family in America, Images of Women, or Images of Blacks in America. (Fall or Spring)

HI251 Topics in European History 3 credits

This is a survey course of the history and culture of European Civilization. Topics will vary and be announced. (Fall or Spring)

HI261 Topics in Non-Western History 3 credits

This course is a survey of the history and culture of a non-Western civilization. Topics include Islamic Civilization, African Civilization, and the history of China and Japan. (Fall or Spring)

HI302 Early America, 1607-1820 3 credits

This course explores the development of America from the colonial period through the War of 1812. Prerequisite: HI211. (Fall/Odd Years)

HI304 Civil War Era, 1820-1877 3 credits

This course examines in depth the changes in American society wrought by growing sectional differences between North and South, by the awakening social conscience of early 19th century reform efforts, by the crisis of Civil War, and by America's unfinished revolution — Reconstruction. Prerequisite: HI211. (Spring/Even Years)

HI306 The Gilded Age, 1877-1939 3 credits

This course provides an intensive study of the political, social, diplomatic, economic, and cultural developments in the US from the industrially expansive 1880s through the depressed 1930s. Prerequisite: HI212. (Fall/Even Years)

HI331 The Classical Age (to 476 A.D.) 3 credits

This course is a survey of ancient world history. Particular attention is given to the great classical civilizations, including Greece and Rome. Prerequisite: HI101. (As announced)

HI333 Medieval History (400-1400 A.D.) 3 credits

This course is an in-depth study of medieval Europe from the fall of Rome until the Black Death and the beginning of the renaissance. Political, religious, and social institutions will be examined, as will the crusades. Prerequisite: HI101. (As announced)

HI335 Early Modern Europe (1400-1789) 3 credits

Students will study the history of the 15th Early Modern Europe with emphasis on the renaissance reformation enlightenment and French Revolution. (Writing Intensive) Prerequisite: HI102. (Fall/Odd Years)

HI371 History of Islamic Civilizations 3 credits

This course offers a survey of the history of the Islamic world from the 7th century to modern times.

HI390 Independent Study in History 1 -3 credits

Prerequisite: Junior Standing

HI408 Modern America, 1919 – Present 3 credits

Students will engage in an in-depth study of the era of the US as a world power. Particular attention is given to World War II at home and abroad, to the Vietnam era, and to the changing role of the U.S. (Writing Intensive) Prerequisite: HI212. (Spring/Odd)

HI421 Topics in U.S. History 1-3 credits

A course in which the area of US history studied will vary and be announced as offered. Prerequisite: HI211 OR HI212 (as appropriate to the chronological range of the course topic). (Fall or Spring)

HI437 Modern Europe (1789-present) 3 credits

Political and social change in modern Europe will be studied. Topics include nationalism, imperialism, World War I, fascism, World War II, and the cold war. Prerequisite: HI102. (Spring/Even Years)

HI451 Topics in European History 1-3 credits

This course is an advanced survey of the history and culture of European Civilization. Topics will vary and be announced. Prerequisite: HI101 OR HI102 (as appropriate to the chronological range of the course topic). (Fall or Spring)

HI461 Topics in Non-Western History 1-3 credits

This course is an advanced study in an area of non-western history of current interest. Prerequisites: HI101 and HI102. (Fall or Spring)

HI498 Research Methods 1 credit

This course, required of all History/Government majors, will expose students to the research skills and methodologies necessary for the study and writing of history. This course will examine the nature of historical sources, how to interpret such sources critically, how to develop a thesis, and how to write a research paper. Prerequisite: LL101. (Fall)

HI499 Senior Thesis 2 credits

This course will involve research and the production of a major paper. (Writing Intensive) Prerequisite: HI498. (Spring)

HONORS PROGRAM COURSES

HR110 Theories of Servant Leadership-Honors 1 credit

This course will survey several theories of leadership--placing each within its historical and cultural perspective. Servant Leadership will be highlighted and presented under the current transformational approach to leadership. Students will be challenged to explore the underlying assumptions of each theory of leadership as well as evaluate the outcomes and expectations of leaders and leadership styles that result from these assumptions. Special attention will be given to theological, ethical, and philosophical issues in servant leadership. Prerequisite: GD105H

HR201 Non-western Culture and History I: Ancient Societies through the Renaissance Period 3 credits

An interdisciplinary history/literature general education course covering non-Western culture and history from the Ancients through the Renaissance period.

HR202 Non-Western Culture and History II: Enlightenment to the Contemporary Period 3 credits

An interdisciplinary history/literature general education course covering non-Western culture and history from the Enlightenment through the contemporary period. (Spring)

HR211 Western Culture and History I: Ancient to Renaissance 3 credits

An interdisciplinary history/literature general education course covering Western culture and history from ancient societies through the Renaissance period.

HR212 Western Culture and History II: Enlightenment to the Contemporary Period 3 credits

An interdisciplinary history/literature general education course covering Western culture and history from the Enlightenment through the contemporary period.

HR289/489 Special Topics-Honors 1 credit

LANGUAGE COURSES

LL121 Spanish I Conversational 3 credits

LL122 Spanish II Conversational 3 credits

These courses are designed to introduce students to basic conversational Spanish and fundamentals of grammar, starting from the beginning and building increasing levels of competency. Reading and writing skills will be introduced. (Depending upon instructor availability)

LL230 New Testament Greek I (TM230) 3 credits

This course equips students with a fundamental understanding of grammar, syntax, and vocabulary of biblical Greek. (Fall/Odd Years)

LL232 New Testament Greek II (TM232) 3 credits

This course is a continuation of LL230, equipping students with a fundamental understanding of the grammar, syntax, and vocabulary of biblical Greek. (Spring/Even Years)

LL330 New Testament Greek III (TM330) 3 credits

This course is a continuation of New Testament Greek II, strengthening the student's command of Greek syntax, exegesis, and textual criticism, and focusing

on exegeting biblical passages to be used for preaching or teaching. Prerequisites: LL230 and LL232 or consent of instructor. (Fall/Even Years)

LL332 New Testament Greek Reading IV (TM332) 3 credits

This course is a continuation of New Testament III through the reading of a variety of New Testament and early Christian texts. (Spring/Odd Years)

LITERATURE and WRITING COURSES

LL095 Basic Writing 3 credits

This course develops basic skills of clear and appropriate expression in varied writing situations according to the standards of written English. Prepares students with an ACT in English of 17 or below and/or a score of 5 or below on the Compass Writing test for college level writing. Does not meet General Education English requirement and will not count toward the 124 credits required for graduation. (Fall and Spring as necessary)

LL101 College Composition I 3 credits

This first year writing course develops basic skills in clear and appropriate expression in varied academic writing situations according to the conventions of standard written English. Students will learn different invention techniques, strategies for developing expository essays, the structure of an argument, including thesis and support, and be introduced to basic library and online research techniques. Meets general education requirement with a grade of C- or higher. (Fall/Spring)

LL102 College Composition II 3 credits

This course continues the work of Composition I, adding practice in argument and persuasion and other rhetorical techniques. Requirements include preparation of a research paper from library sources. Continues work on diction, usage, and sentence structure. Prerequisite: LL101 with at least a C-. (Spring)

LL151 Introduction to Literature 3 credits

Samples a variety of fiction, drama, and poetry concerned with themes of recurring interest in the world's literature. Considers how literature should be read and tries various approaches to reading and writing about literature. (Fall/Even, Interterm/Even Years, Spring)

- LL157 GPR Lab** **2 credits**
Students will work on the editorial staff of *The Great Plains Review*. The environment will be professional as students learn and develop skills related to publishing a literary journal. (Spring)
- LL166 American Literature II** **3 credits**
This is a survey course of American literature and literary movements since the Civil War with emphasis on critical analysis of fiction and poetry. (Spring/Odd Years)
- LL 178 C.S. Lewis Seminar** **3 credits**
A general education literature course focusing on the writings of C.S. Lewis. (As announced)
- LL207 Creative Writing: Poetry** **3 credits**
This class gives students an opportunity to compose original poems to learn more about themselves as well as techniques of original, imaginative composition and to share those techniques with others. It is suggested for English majors seeking Education licensure and all students seeking to improve general writing skills. (Fall/Odd Years)
- LL208 Creative Writing: Fiction** **3 credits**
This class gives students an opportunity to compose original stories in order to learn more about themselves, to learn techniques of the original, imaginative composition, and to share those techniques with others. It is suggested for English majors seeking Education licensure and all students seeking to improve general writing skills. (Fall/Even Years)
- LL209 Creative Writing: Non-Fiction** **3 credits**
Gives students an opportunity to compose original non-fiction essays in order to learn more about themselves, to learn techniques of original, imaginative composition, and to share those techniques with others. It is suggested for English majors seeking Education licensure and all students seeking to improve general writing skills. (Spring/Odd Years)
- LL243 English Grammar** **3 credits**
This course serves as an introduction to traditional English grammar with elements of structural and transformational grammar. (Fall)

LL251 World Literature I 3 credits

This class introduces students to some of the Great Books of the Western and non-Western worlds, from the ancient to the late-medieval period, including classics such as Epic of Gilgamesh, the Bible, the Odyssey, Plato's dialogues, the Quran, the Bhagavad-Gita, Rumi, and Dante. Prerequisite: Sophomore standing or instructor permission. (Fall/Odd Years)

LL252 World Literature II 3 credits

This course is a continued survey of great works from the early-modern to the twentieth century. The focus will be both interdisciplinary and cross-cultural, and will cover some of the most interesting writers of the past 500 years such as Petrarch, Basso, Pascal, Goethe, Darwin, C.S. Lewis, Pablo Neruda, Kafka, and Alan Paton. Prerequisite: Sophomore standing. (Spring/Even Years)

LL257 Foundations of Writing and Editing 3 credits

This course will equip students with the fundamental knowledge and skills that are requisite for professional editing and writing. Students should expect to master the most important grammatical and mechanical rules and the vocabulary associated with them. Students should also expect to master proofreading conventions. (Spring)

LL259 Monster Literature 3 credits

A general education literature course focusing on the genre of Monster literature. (As announced)

LL289 Topics in Language and Literature 1-3 credits

This course is designed to expose students to various topics in literature, language studies, or writing. (As needed)

LL315 Advanced Composition 3 credits

This course is a study of the techniques of good expository writing with attention to the development of prose style in practical academic writing situations. (Writing Intensive) (Spring/Odd Years)

LL319 Research and Integrity in Writing 3 credits

This course will equip students with a detailed understanding of citation and intellectual honesty in writing and editing. The course will also provide students with advanced-level research instruction. (Fall/Even Years)

LL344 Language Studies 3 credits

This course is a focused investigation of the history of languages, particularly the development of English, with some attention to dialects, semantics, etymology and general linguistics. (Fall/ Odd Years)

LL351 Classical Devotional Literature 3 credits

The course will focus on devotional and autobiographical works within the Christian tradition, from St. Augustine's *Confessions* in 400 AD to Henri Nouwen's *Genesee Diary* in the 20th century. May include an off-campus experience. (Interterm/Even Years)

LL354 Modern Drama 3 credits

Students engage in study of American, English, and European drama from Ibsen to the present. The class approaches drama as literature, looking at such technical elements as plot, point of view, symbolism, characterization, and theme. Meets general education requirement in Literature. (Writing Intensive) (As announced)

LL356 Young Adult Literature 3 credits

The course will introduce students, especially those seeking secondary licensure in English, to quality young adult literature available for reading and study in the middle and high school classroom. Students will examine many of the issues surrounding young adult literature, including censorship, appropriateness, and strategies for reading and using the literature in the classroom. Students will learn to apply a variety of critical approaches to reading literature including reader-response, ethnic and gender criticism, and other cultural theories. In addition to traditional print, students will also learn to apply reading strategies to graphic and film texts. (Fall/Odd Years)

LL357 Advanced Editing Workshop 2 credits

This course will provide students with practical editorial experiences. Students will apply the skills they have learned in Foundations of Writing and Editing, English Grammar, and/or Research and Integrity in Writing, demonstrating the ability to improve documents both mechanically and structurally. (Spring/Even Years)

LL366 Major American Authors 3 credits

This course focuses on the critical reading of a few major American authors from the Colonial to Civil War periods, and study of the corresponding literary and

intellectual movements. It emphasizes Emerson, Thoreau, Hawthorne, and Melville. (Writing Intensive) (Fall/Even Years)

LL376 Selected British Authors 3 credits

Students will engage in a careful reading of some of the masters of British literature, such as Chaucer, Spenser, Milton, and Donne. (Writing Intensive) (Fall/Even Years)

LL379 British Literature II 3 credits

This course surveys British literature of the Romantic and subsequent periods with emphasis on poetry. (Writing Intensive) (Spring/Odd Years)

LL380 Literary Criticism 3 credits

The course is a historical overview and practical introduction to literary theory and criticism. Students will practice applying major critical paradigms to poems and prose works. Designed primarily for majors, who will apply what they learn in classes at Sterling College and in graduate school. Theory may be of interest to students in some other majors. Addresses some Secondary English licensure standards. (Fall/Even Years)

LL396 Writing Internship up to 3 credits

This course provides an opportunity for selected students to earn credit for writing and/or editing experiences, usually in a job setting. Open only to upper division students who have made application and been accepted during the previous semester. (As needed)

LL398 Directed Readings 1-2 credits

With permission, English majors may do individual reading for credit. It is limited to two semester hours credit in any one semester and cumulative total of four semester hours. (As needed)

LL453 Poetry 3 credits

Students engage in a careful reading and analysis of Biblical, classical, medieval, and modern poetry. Attention will focus on what type of thing poetry is (from epic to lyric), how it differs from prose, and how poetical language can be altered or “lost in translation.” (Writing Intensive) (Fall/Odd Years)

LL455 History of the Novel in English 3 credits

Careful reading of several British and American Masterpieces of fiction from the eighteenth century to the present day, with attention to the history and development of the novel and the background of the authors, and more detailed examination of themes and techniques represented in the works studied. (Writing Intensive) (Spring/Even Years)

LL473 Introduction to Shakespeare 3 credits

Students study the life and times of Shakespeare with an intensive study of selected tragedies, comedies, and histories. (Writing Intensive) (Spring)

LL489 Topics in Language and Literature 1-3 credits

This course is designed to expose students to advanced study of various topics in literature, language studies, or writing. (As needed)

LL497 Seminar in Advanced Writing and Editing 3 credits

This course will equip students with advanced knowledge and writing skills that are requisite for jobs in professional writing and editing. Students will submit a portfolio containing editorial work and ready-for-publication professional writing. Students should expect to critique each other's work at various times throughout the semester. (Spring)

LL498 Senior Seminar I 2 credits

LL499 Senior Seminar II 1 credit

Designed to acquaint Seniors with current issues in the discipline and culture and with schools of literary criticism, and to suggest ways of integrating the field with Christian theology and values. The course involves a research project and production of a major paper. (Writing Intensive) (Fall for 2 credits, spring for 1 credit; or may be taken for 3 credits in the fall)

MATHEMATICS COURSES

MA095 Intermediate Algebra 3 credits

This course will cover fundamental algebraic operations. Topics covered include properties of real numbers, sets, linear, quadratic, polynomial, rational, and radical expressions, factoring, and solving equations and inequalities. Required for all incoming students with a Math ACT score below 18. Does not meet General Education mathematics requirement and will not count towards the 124 credits required for graduation. Optional for all other students. (Fall/Spring)

MA108 Contemporary Mathematics 3 credits

This course is designed to provide the opportunity to understand mathematics and mathematical processes for teachers as well as the general liberal arts students. Topics covered include logic, sets, counting, probability, statistics, finance, and geometry. For non-majors only. Prerequisite: MA095, Math ACT score of at least 18, or satisfactory score on Math Placement test. (Fall/Spring)

MA110 College Algebra 3 credits

This course is a detailed study of functions and their graphs. Topics covered include linear and quadratic equations, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants. Not open to students who have passed MA150 with a C- or better. Prerequisite: MA095, Math ACT score of at least 21, or satisfactory score on Math Placement test. (Fall/Spring)

MA115 Introduction to Analytic Geometry (Trigonometry) 3 credits

The study of trigonometric functions which includes right triangles, identities, graphs, trigonometric equations, trigonometric inverse functions, oblique triangles, and complex numbers. Prerequisite: MA110. (As announced)

MA150 Pre-Calculus 5 credits

The study of polynomial, rational, exponential and trigonometric functions, equations, and inverse functions; plane analytic geometry; introductory vectors: conic sections; curve sketching; complex numbers. Prerequisite: ACT math score of at least 21. (Fall)

MA200 Calculus I 5 credits

This course covers functions, limits and continuity, differentiation and integration of algebraic, logarithmic, exponential, and other transcendental functions and applications of differentiation and integration. Prerequisite: MA150 with C- or better or satisfactory score in pre-calculus placement test. (Spring)

MA210 Calculus II 5 credits

This course covers integration techniques, sequences and series, conics, parametric equations, polar coordinates, vectors, and the geometry of space. Prerequisite: MA200. (Fall)

MA220 Calculus III (Multivariable) 5 credits

This course covers functions of several variables, partial derivatives, multiple integrals, vector calculus, line integrals and vector fields. Prerequisite: MA210. (Spring)

MA240 Elementary Statistics 3 credits

Fundamental concepts and procedures of descriptive statistics, including frequency distributions and their graphical representation, measure of central tendency, measures of variability and simple linear regression. Also covers elementary probability, discrete and continuous probability distributions, sampling theory, and inferential statistics including estimation and hypothesis testing. Prerequisites: MA108, MA110, MA150, or ACT math score of at least 23. (Spring)

MA245 Apprenticeship in Mathematics 2 credits

This course provides students with practical experience in teaching and administration in mathematics and mathematics content for grades 6-12. Prerequisite: ED219. (Interterm)

MA289 Topics in Mathematics 1-3 credits

This course is designed to expose students to various topics in Mathematics. (As announced)

MA330 Linear Algebra 3 credits

Students study systems of linear equations, matrices, determinants, linear dependence, vectors, vector spaces, inner product spaces, linear transformations, eigenvalues, and eigenvectors. Prerequisite: MA210. (Fall/Even Years)

MA340 Modern Geometry 3 credits

A survey course that includes selected topics in Euclidean and non-Euclidean geometry, projective geometry, transformation geometry and foundations of geometry. (Writing Intensive) Prerequisite: MA210. (Spring/Odd Years)

MA350 Differential Equations 3 credits

Separable differential equations, homogeneous and non-homogeneous linear differential equations, initial value and boundary value problems, Laplace Transforms, and numerical methods. Prerequisite: MA220. MA330 recommended. (Fall/Odd Years)

MA355 History of Mathematics **2 credits**

Students will engage in a study of the historical development of modern mathematical ideas and the contributions of major mathematicians and different cultures to these ideas. Also examines the role of mathematics in culture and society. Prerequisite: MA200 or permission. (Fall/Even Years)

MA370 Introduction to Advanced Mathematics **3 credits**

This course develops the concept of proof writing in the context of mathematical tools needed in advanced courses. It covers such mathematical topics as number theory, algebra, and introductory analysis. Particular attention is given to functions, induction, and mathematical systems. (Writing Intensive) Prerequisite: MA210 (may be taken concurrently). (Spring/Even Years)

MA392 Mathematics Service **1 credits**

Students provide assistance to the college, a local church, school, or non-profit organization in mathematics related areas such as: installation and evaluation of mathematical software, tutoring or assisting the teaching of developmental mathematics for one semester, or tutoring GED candidates in mathematics. Students gain hands-on experience while providing a service for local institutions. The purpose of this course is to further the college goal of producing servant leaders. Prerequisite: Junior standing. (Spring/Interterm)

MA395 Independent Study **1-3 credits**

This course provides students with in-depth study of a current topic of interest in mathematics. A learning contract will specify the nature and the terms of the agreement between student and instructor. It may include a formal presentation and paper submitted to the department or to a professional organization. Prerequisite: Junior standing. (As announced)

MA410 Probability Theory **3 credits**

A study of the mathematical basis of probability theory, including sample spaces, elementary theorems of probability, random variables, distributions, moments and their generating functions, conditional and marginal distributions, and the Central Limit Theorem. Prerequisites: MA210 and MA240. (Fall/Odd Years)

MA420 Modern Algebra**3 credits**

A study of groups, rings, integral domains, and fields. Attention will be given to the real number system and its subsystems and applications of algebra. (Writing Intensive) Prerequisites: MA330 and MA370. (Spring/Odd Years)

MA450 Numerical Analysis**3 credits**

Approximation of roots of equations, interpolation, numerical differentiation and integration, and the numerical solution of first order ordinary differential equations. Prerequisite: MA220. (Spring/Odd Years)

MA470 Advanced Calculus**3 credits**

This course covers the calculus of Euclidean space including the standard results concerning the Real and Complex number systems, basic topology, numerical sequences and series, and continuity. Prerequisites: MA220 and MA370. (Spring/Even Years)

MA489 Topics in Mathematics**1-3 credits**

This course is designed to expose students to advanced study of various topics in Mathematics. (As announced)

MA490 Seminar in Mathematics**1 credit**

Students prepare a paper on a mathematics or mathematics education topic and give an oral presentation to the seminar group. Students must attend all these presentations and other mathematics seminars by industry and education experts that occur during the semester. Prerequisite: Senior standing in the math major. (Fall)

MUSIC COURSES**MU100 Music Appreciation****3 credits**

The course is designed for non-major students and stresses awareness of musical elements as an aid to perceptive listening. Western art music from the Middle Ages through modern periods is the prime vehicle of study. Study also includes ethnic music of many cultures. Origins, relationships to other art forms, and interdisciplinary relationships are also explored.

MU108	Aural Skills I	(Fall)		1 credit
MU109	Aural Skills II	(Spring)		1 credit
MU208	Aural Skills III	(Fall)		1 credit
MU209	Aural Skills IV	(Spring)	or	1 credit
MU258	Aural Skills Proficiency			0 credit

The Aural Skills sequence is designed specifically for Music majors to help them complete MU258 Aural Skills Proficiency. The classes focus on the development of sight singing and dictation skills through exercises in melody, harmony, and rhythm. The course sequence functions to develop the student's ability to look at a piece of music, hear it internally, and sing it; or after hearing it, to be able to transcribe it. Individuals must interview directly with the music faculty to determine the class in which they should and must enroll until the Aural Skills Proficiency is successfully completed. MU258 must be passed prior to the semester of the Senior Recital/Project. Prerequisite: Each course requires successful completion of the previous level at a minimum of 70%.

MU111 Music Theory I 3 credits

The course is a study of music fundamentals, including the written study of music notation, simple and compound meters, major and minor scales, inversions, simple intervals, diatonic triads, and triad function. (Fall)

MU112 Music Theory II 3 credits

This course is a study of four-part diatonic harmony, harmonic progressions, altered chords, modulations, and two and three-part forms. Prerequisite: MU111. (Spring)

MU170, 270, 370, 470 Private Woodwind Lessons * 1-2 credits

Flute, Clarinet, Oboe, Bassoon, Saxophone

MU171, 271, 371, 471 Private Brass Lessons * 1-2 credits

Trumpet, Trombone, Lower Brass, Horn

MU172, 272, 372, 472 Private Percussion Lessons * 1-2 credits

MU173, 273, 373, 473 Private String Lessons * 1-2 credits

Guitar, Violin, Viola

Private instrumental lessons include breathing (where applicable) and study of technique, working toward proficiency sufficient to interpret representative works of the past and present.

MU174, 274, 374, 474 Private Piano Lessons * 1-2 credits

Private piano lessons are tailored to the individual's background and will include literature by composers of the Baroque, Classical, Romantic, and Twentieth Century eras, as well as hymns or hymn settings, technique, sight-reading, and other activities deemed appropriate. Purchase of selected books and materials is required. Instructor Permission required.

MU175B Class Piano I (Fall) 1 credit

MU175C Class Piano II (Spring) 1 credit

MU275B Class Piano III (Fall) 1 credit

MU275C Class Piano IV (Spring) or 1 credit

MU260 Piano Proficiency 0 credit

The Class Piano sequence is designed specifically for Music and Music Education majors to help them complete MU260 Piano Proficiency. Individuals must interview directly with the piano faculty to determine the class in which they should and must enroll until the Piano Proficiency is successfully completed. MU275C must be passed prior to the semester of the Senior Recital/Project. Prerequisite: Successful completion of the previous level.

MU177, 277, 377, 477 Private Voice Lessons * 1-2 credits

Provides instruction for voice building and strengthening through proper breath control, tone production, and use of articulation. Study of song interpretation, poise, balanced repertoire, and communication skills.

** In addition to tuition, a private lesson fee is charged. See Schedule of Charges, page 20.*

MU178 Class Voice 1 credit

In this course, students will examine issues of both individual and group vocal production and technique. They will be expected to perform both solo and ensemble selections. (Fall)

MU213 Music Theory III 3 credits

This course is a study of Renaissance polyphony, eighteenth century counterpoint, altered chords, and Baroque and Classical forms. Prerequisite: MU112. (Fall)

MU214 Music Theory IV **3 credits**

This course is an advanced exploration of the literature of the Classical, Romantic, Post-Romantic, Impressionistic, Early Twentieth Century, and Modern periods. Prerequisite: MU213. (Spring)

MU243A Elementary Music Methods for the Non-Music Major **2 credits**

A study of music curriculum, materials, and teaching techniques for the development of experiences which contribute to children's understanding of music in the elementary school. This course is for the Elementary Education major. Prerequisites: ED195 and ED219 or department approval.

MU243B Elementary Music Methods **3 credits**

This course is designed to present an introduction to the general music program in a K-6 setting. Its purpose is to acquaint prospective music educators with the elementary music student, content, materials, management, and methods of instruction.

MU249A Woodwind Methods (Fall, Odd Years) **1 credit**

MU249B Brass Methods (Spring, Even Years) **1 credit**

MU249C Percussion Methods (Spring, Odd Years) **1 credit**

MU249D String and Guitar Methods (Fall, Even Years) **1 credit**

Instrumental methods courses concentrate on essential information, hands-on experience, and teaching each instrument. Developing ability to transpose on musical instruments at sight is stressed. Fundamentals are covered and applied in performance. Pedagogy is stressed with attention to trouble-shooting and problem-solving in light of fundamentals and correct playing skills. Reflex development approach to skills is taught along with methods and materials. Includes instrument maintenance and basic repair.

MU261 Music Seminar/Concert Attendance **0 credit**

Music and Music Education majors are required to enroll in this course for 8 semesters; minors are required to enroll in 4 semesters. Enrolled students are required to attend all Music Seminars and an appropriate number of concerts. (The exact number of concerts will be set by the music faculty at the beginning of each semester.)

MU285 Choral Ensembles**1 credit**

MU285 (A) – The Sterling Chorale represents the college throughout the academic year by performing at schools, churches, and school functions. It is made up of students, across academic disciplines of the college, who audition each year for a place in the group. The Chorale performs music from the major periods of music history, church anthem repertoire, and contemporary styles, such as musical theatre. In addition, they perform 2 major concerts each semester and tour over Spring Break to some part of the United States.

MU285 (B)—The Concert Choir is an open ensemble and any Sterling College student will be allowed to participate after an audition process.

MU286 Instrumental Ensemble**0.5 credit**

Small mixed ensembles performing chamber, percussion, and jazz music. These groups service the campus and local churches. Ensembles offered are contingent on student interest and may include Percussion Ensemble, Flute Choir, Chamber Ensemble and Athletic (Pep) Band.

MU287 Highland Singers**0.5 credit**

The Highland Singers represent the college throughout the academic year by performing at schools, churches, and school functions. The group is a select ensemble from students in the Sterling Chorale. The performance schedule is more rigorous than Chorale and includes a fall tour. The students work closely with the Admissions and Advancement offices to coordinate performances with promote the college.

MU288 Community Concert Band**1 credit**

This ensemble is designed to give students the unique opportunity to create music within a community environment. It promotes and fosters, through public concerts, interest in, and enthusiasm for, the playing and appreciation of wind ensemble literature. Emphasis is placed on the art of ensemble playing, individual responsibility, self-discipline, as well as representing the school and community in a positive manner.

MU290 Topics in Music**1-3 credits**

This course is designed to expose students to various topics in Music.

MU291 Independent Study 1-3 credit

By consent of instructor and department chair. Prerequisites: completion of all required coursework in the subject area.

MU317 Arranging 2 credits

Application of music theory to practical aspects of writing for various combinations of voices/instruments. Instrumental and choral ranges, transposition, various clefs, and particular idioms and problems will be presented and practiced. (Writing Intensive) Prerequisite: MU112.

MU333 Conducting 2 credits

Beginning conducting includes study and mastery of the mechanics of conducting: patterns, attacks, releases, phrasing, left hand techniques, tempo, mood, and other interpretive considerations that are directly conveyed through the conducting gesture with and without the baton, utilizing both choral and instrumental scores.

MU335 Choral Methods for the Classroom 3 credits

This course examines the techniques and skills needed to teach choral music in the secondary school. This course introduces (but is not limited to): teaching non-performing music students (7-12), the male changing voice, inclusion in the music classroom, teaching performing groups, teaching musical expression, choosing appropriate literature, achieving accurate intonation, teaching teenage singers, school music performances, discipline, recruiting, planning and evaluation, current approaches for effective teaching, observing secondary choral classes, teaching concept lesson plans, and world music. Concurrent with ED400. Prerequisites: ED219 and acceptance to STEP and TB test (for ED majors only). (Spring/Even Years)

MU336 Instrumental Methods for the Classroom 3 credits

This course examines the techniques and skills needed to teach instrumental music in the secondary school. This course introduces (but is not limited to): teaching non-performing music students (7-12), inclusion in the music classroom, teaching performing groups, teaching musical expression, choosing appropriate literature, achieving accurate intonation, school music performances, discipline, recruiting, planning and evaluation, current approaches for effective teaching, observing secondary instrumental music classes, political/social issues pertinent to the instrumental music classroom, teaching concept lesson plans, and world music. (Writing Intensive) (Spring/Odd Years)

MU342 Vocal Pedagogy and Literature**3 credits**

An examination and evaluation of methods and literature used for teaching voice at all levels. A study of teaching techniques through the teaching of private students. Designed to give students a practical working knowledge of a profession that is in demand. Prerequisite: Junior or senior standing, minimum of four semesters of private voice lessons, and consent of instructor. (Spring/Even Years)

MU354 Music History and Literature I**3 credits**

A detailed study of composers, genres, forms, and cultural values that shaped music during the Ancient, Medieval, Renaissance, and Classical eras. (Writing Intensive)

MU355 Music History and Literature II**3 credits**

A detailed study of the styles, forms, personalities, and cultural values that shaped music from the 1800s through the present. (Writing Intensive)

MU359 Hymnody**2 credits**

This course will cover the historical developments of hymnody in the church, especially as it can be traced in Protestantism. Special emphasis will be placed on important composers, religious movements, and events that played a vital role in the development of congregational music. Attention will be given to theological and musical aspects of hymnody, as well as to modern and contemporary issues surrounding the subject.

MU361 Diction for Singers**3 credits**

In this course, students will gain a foundational understanding of the International Phonetic Alphabet, which will enable them to learn and practice the correct pronunciation of the various languages in which they sing. This course will focus on the French, German, English, and Italian languages. (Spring/Odd Years)

MU379 Junior Recital**0 credits**

Students majoring in music with an concentration in Applied Instrumental or Vocal must perform a 30 minute recital in the spring of their junior year. Students must enroll in two credits of private lessons during the semester prior to and the semester of the recital.

MU391 Independent Study**2 credits**

Similar to MU291 but with even more in-depth study. Prerequisite: MU291

MU440 Worship Arts**3 credits**

This course will serve as the “capstone” course for the concentration in Sacred Music. Students will examine many aspects of both traditional and contemporary worship. Special attention will be given to discussion and creation of ways in which to learn from various traditions of worship and ways in which to combine elements from a variety of styles into a cohesive whole, while maintaining theological and aesthetic solidity. Students will examine the use of all of the arts, not just music, into creating meaningful and faithful Christian worship. Topics will include Music, Theatrical Arts, Visual Arts, Movement Arts, and others.

MU479 Senior Recital /Senior Project**0 credits**

Students majoring in music with an concentration in Applied Instrumental or Vocal must perform a 50-minute senior recital in the spring of their senior year. Students seeking licensure in music education must perform a 50-minute recital during their senior year (not while student teaching). All students must enroll in two credits of private lessons during the semester prior to and the semester of the recital. Students majoring in music with a concentration in Sacred Music must fulfill the Senior Project in consultation with the department chair.

MU480 Internship - Music Ministry Practicum**2 credits**

Students enrolled in the Sacred Music concentration will be required to complete an internship during their final semester of study. This internship will expect that the student be directly involved in worship planning and leading through an assigned/approved local church. The specific nature of responsibilities will depend on the student and cooperating church, but will be pre-designated before the internship begins.

MU490 Topics in Music**1-3 credits**

This course is designed to expose students to advanced study of various topics in Music.

ORGANIZATIONAL MANAGEMENT COURSES**OM301 Organizational Theory****3 credits**

This course is an investigation of the theoretical models of organizations and the society in which they function.

OM302 Principles of Management 3 credits

This is a survey course in the functional areas of management including leading, controlling, planning, and organizing in a global environment.

OM310 Principles of Managerial Accounting 3 credits

This course is an introduction to concepts in accounting from the manager's perspective. Topics include cost-volume-profit analysis, costing, and budgeting.

OM320 Business Statistics 3 credits

Basic statistical concepts needed in the business environment are covered. The emphasis is on the use of statistical information.

OM330 Business Ethics 3 credits

Business ethics explores the philosophical foundations of ethical and unethical behavior in business.

OM340 Leadership 3 credits

Provides students with an opportunity to investigate, analyze, and apply various theories of leadership and associated concepts. These include, but are not limited to, effective leadership qualities and human relations, power of vision, leadership ethics, and communication and empowerment of personnel through goal-oriented professional development.

OM350 Introduction to Economics 3 credits

This course is an introduction to economics from a managerial perspective.

OM360 Principles of Marketing 3 credits

Students learn the 4 P's of marketing: product, price, promotion, and place, that combine to form the marketing mix. This course introduces marketing from the perspective of real people who make real marketing decisions at leading companies every day to reach today's increasingly savvy consumers.

OM370 Management Information Systems 3 credits

In this course the student will explore the relationship between hardware, software, systems, and humans in the organizational context.

OM380 Business and Society 3 credits

This course considers the complex relationship between organizations and the society in which they function.

OM410 Business Law 3 credits

This course is an introduction to the legal environment of business including tort and contract law as well as the regulatory environment.

OM425 Human Resources Management 3 credits

A survey of the field of human resource management and its functional areas: staffing, compensation, performance appraisal, and training. The course includes an introduction to equal employment law.

OM430 Strategy and Managerial Decision Making 3 credits

This course examines the development and deployment of strategy as a critical factor in organizational success.

OM440 Crisis Management 3 credits

The course develops managerial skills in crisis avoidance, management, and recovery. Students learn how to respond to situations creating danger to organizations, their employees, and the public.

OM450 Entrepreneurship 3 credits

This course provides students with practical business tools for starting a new business. Emphasis is placed on the four key aspects of the entrepreneurial process: opportunity assessment, developing the business plan, determining required resources, and managing the enterprise.

PHYSICS COURSES

Physics courses supplement the requirements for general education and certain majors and minors. There is no Physics major, minor, or Education Licensure.

PH108 Introduction to Physical Science 3 credits

This is a survey course which meets the general education requirement for physical science. A broad range of topics will be discussed, including the scientific method of problem solving, astronomy, heat, machines, electricity, waves, chemical reactions, meteorology, and the future (and past) of science. This is a non-lab

course and does not meet the physical science course requirement for biology or chemistry education. (As announced)

PH110 Physical Science 4 credits

An integrated course covering aspects of physics, chemistry, Earth science, and astronomy. Meets one of the general education requirements for a lab science. This course meets twice a week in a lecture/lab setting. (Fall/Spring)

PH210 Physics I 5 credits

An introduction to the concepts and application of physical laws of physical systems. The first course includes an introduction to mechanics and thermodynamics. Four lecture classes and one laboratory session per week. Prerequisite: MA150. (Fall)

PH211 Physics II 5 credits

Topics in this course include an introduction to wave phenomenon, sound, electricity, and magnetism. Prerequisite: PH210. (Spring)

PH212 Physics III 4 credits

Topics in this course include optics, electromagnetic radiation, and relativity. Prerequisite: PH211. (As announced.)

PH220 Applications of Calculus to Physics I 1 credit

An addition to PH210 for students wishing to take a five-hour Engineering Physics course. Meets one hour, one day per week. Concurrent enrollment in PH210 required. Prerequisite: MA200. (Fall)

PH221 Applications of Calculus to Physics II 1 credit

An addition to PH211 for students wishing to take a five-hour Engineering Physics course. Meets one hour, one day per week. Concurrent enrollment in PH211 required. Prerequisite: MA200. (Spring)

PH394 Directed Readings in Earth and Space Science 1-3 credits

Prerequisite: Junior standing or consent of instructor. (As announced.)

REAL ESTATE COURSES

RE320 Real Estate Investment and Finance 3 credits

Study and application of real estate investment theory and practice integrated with applicable finance principles. (Interterm/Odd Years)

RE325 Real Estate Principles 3 credits

Introduction to foundational real estate concepts. Students will be exposed to basic real estate concepts and practices. (Interterm/Even Years)

RE329 Real Estate Appraisal 3 credits

Introduces property valuation concepts with the focus on common terminology, methods, and procedures. (Fall/Odd Years)

RE420 Real Estate Development 3 credits

Examination of real estate development practices and procedures with focus on planning, design, feasibility, finance, and construction. (Spring/Even Years)

RE425 Real Estate Market Analysis 3 credits

Study and practice of real estate market analysis with focus on the supply and demand factors needed to properly assess any market. (Fall/Even Years)

RE430 Real Estate Property Management 3 credits

Covers the management of real property, including different types of real estate property, risk management, marketing procedures and analysis, leases, maintenance, recordkeeping, management contracts, fair housing legal requirements, and human relations. (Spring/Odd Years)

SPECIAL EDUCATION COURSES

**SE210 Introduction to Infants, Children,
and Youth With Special Needs 3 credits**

This course provides an overview of categorical exceptionalities delineated in the law, service delivery systems, advocacy groups, the concept of least restrictive alternatives, and the purpose and function of the IEP. The course is designed to introduce pre-service teachers to handicapping conditions of children enrolled in regular education and give them alternatives for instruction and assessment of these students. It also serves as a foundation for teachers wishing to focus on the area of special education. 20 hours field experience is required. (Fall/Spring)

SE331 Grades K-6 Field Experience 1 credit

This course is a supervised field experience with children in grades K-6 who have an identified disability. The course will emphasize evidence-based practices and techniques presented in SE321. Students will participate in IEP development, lesson planning, and instruction. SE321 must be taken concurrently. Prerequisites: SE310 and SE315. (Fall/Spring)

SE341 Grades PreK-3 Methods 4 credits

This course addresses matching strategies to individual and group needs using evidence-based practices. Topics of study include learning plans, embedded instruction within a tiered framework, setting up the environment, adapting methods and materials, positive behavior supports, and progress monitoring. SE351 must be taken concurrently. The course will involve 15 to 20 contact hours, including 10 hours reading/pre-literacy and writing/pre-writing interventions, with one child.

SE345 Behavior Management 2 credits

This course addresses culturally sensitive methods for preventing and intervening with problem behavior. Topics include school-wide discipline systems, classroom management, social skills instruction, student support meetings (Module A) and functional analysis, non-aversive intervention, and behavior intervention plans (Module B). (Fall/Spring)

SE351 Grades PreK-3 Field Experience 1 credit

This course is a supervised field experience with children in grades PreK-3 who have an identified disability. The course will emphasize evidence-based practices and techniques presented in SE341. Students will participate in IEP development, lesson planning, and instruction.

SE361 Grades 6-12 Methods for Special Needs 4 credits

This course addresses IEP implementation, including transition components. Emphasis is on self-determination, self-advocacy, career awareness, and post-school options in specific outcome areas. Topics of study include curriculum standards, lesson planning, basic skills instruction, learning strategies, adapting methods, materials and assessments, positive behavior supports, and progress monitoring. SE371 must be taken concurrently. Prerequisites: SE310 and SE315 or permission of ACCK instructor. (Fall/Spring)

SE371 Grades 6-12 Field Experience 1 credit

This course is a supervised field experience with children in grades 6-12 who have an identified disability. The course will emphasize evidence-based practices and techniques presented in SE361. Students will participate in IEP development, lesson planning, and instruction. SE 361 must be taken concurrently. Prerequisites: SE310 and SE315. (Fall/Spring)

SE380 Topics in Special Education 1 credit

This class deals in depth with a specific topics related to infants, toddlers, children or youth with disabilities or developmental risk conditions and/or their families. (As announced)

SE381 Grades 4-12 Methods 4 credits

This course covers both general and specific methods used by special educators to teach students with disabilities. The course includes transition planning and IEP development, instructional planning, and selection of instructional methods to meet the needs of the students with high-incidence special education needs. Approaches for selecting methods and materials, for delivering instruction, and for evaluating instructional outcomes based on assessment information will also be demonstrated.

SE391 Grades 4-12 Field Experience 1 credit

The field experience course requires the learner to be assigned to work with a cooperating special education teacher for 15 hours and to work in the same setting(s) as the cooperating teacher. The learner may function in programs described as self-contained, interrelated, categorical, resource, itinerant, special day school, or some combination of these. This one-hour credit placement is made by arrangement through ACKK. Outside preparation time will be required (six to nine hours per week outside preparation) beyond attendance at field experience meetings and required field-based hours. The grade for this class is contingent upon successful completion of the SE381 Methods course.

SE431 Grades K-6 Clinical Experience 5 credits

A supervised teaching experience with a special educator who provides services for elementary level students with high-incidence learning needs. The pre-service teacher will work collaboratively with the cooperating special educator, families, and school team members to apply research-based knowledge of assessment, instruction aligned to IEP goals, and positive behavioral supports. Emphasis is on reflective, culturally sensitive practice. Prerequisites: SE210, SE310, SE315, SE345,

and SE 321 or SE331. Concurrent with or subsequent semester of SE499.
(Fall/Spring)

SE433 Grades K-6 Internship 5 credits

A supervised teaching experience with an on-site mentor who provides or supervises services for elementary-level students with high-incidence learning needs. Emphasis is on application of research-based content knowledge and pedagogy and reflective, culturally-sensitive practice. This internship is designed for practicing teachers adding grades K-6 high-incidence endorsement or for students who have completed a special education clinical experience. Prerequisites: SE210, SE310, SE315, SE345, and SE321 or SE331. Concurrent with or subsequent semester of SE499. (Fall/Spring)

SE451 Grades PreK-12 Clinical Experience 5 credits

This course is a supervised teaching experience with a special educator who provides services for any of the grades PreK-12 level students with high-incidence learning needs. The pre-service teacher will work collaboratively with the cooperating special educator, families, and school team members to apply research-based knowledge of assessment, instruction aligned to IEP goals, and positive behavioral supports. Emphasis is on reflective, culturally sensitive practice. Prerequisites: SE310, 315, 341, 345, 361, and 371. Concurrent with or subsequent semester to SE499.

SE453 Grades PreK-12 Internship 5 credits

This course is a supervised teaching experience working with an on-site mentor and/or evaluator. Emphasis is on application of research-based content and pedagogy, and reflective, culturally sensitive practice. This internship is designed for the student hired on a waiver teaching in his/her own classroom. The intern will apply knowledge from all course work and learning experiences to appropriately adapt and modify learning; manage students and classroom environment being culturally-sensitive to student and family differences; align and implement learning with IEP goals; assess learning; develop and implement academic and behavior intervention plans based on assessments and best practices; develop a case study/IEP; plan, implement, and evaluate lessons; plan and implement appropriate transitions, education, and services for the specified grade level (PreK-12)/ages of students; and practice systematic self-evaluation. Prerequisites: SE310, 315, 341, 345, 351, 361, and 371. Concurrent with or subsequent semester to SE499.

SE471 Grades 6-12 Clinical Experience 5 credits

A supervised teaching experience with a special educator who provides services for secondary level students with high-incidence learning needs. The pre-service teacher will work collaboratively with the cooperating special educator, families, and school team members to apply research-based knowledge of assessment, instruction aligned to IEP goals, and positive behavioral supports. Emphasis is on reflective, culturally sensitive practice. Prerequisites: SE210, SE310, SE315, SE345, and 361 or 371. Concurrent with or subsequent semester of SE499. (Fall/Spring)

SE473 Grades 6-12 Internship 5 credits

This course is a supervised teaching experience with an on-site mentor who provides or supervises services for secondary level students with high-incidence learning needs. Emphasis is on application of research-based content knowledge and pedagogy, and reflective, culturally sensitive practice. This internship is designed for practicing teachers adding grades 6-12 high-incidence endorsement or for students who have completed a special education clinical experience. Prerequisites: SE210, SE310, SE315, SE345, and SE361 or SE371. Concurrent with or subsequent semester of SE499. (Fall/Spring)

SE499 Capstone Issues 1 credit

This course is designed to provide students with an opportunity to reflect on their clinical experience or internship and professional role with peers, ACCK faculty, and special educators. Topics of discussion include ethical issues, advocacy, and professionalism, diversity, and resources. Prerequisites: SE210, SE310, SE315, SE345, SE321 and SE331 or SE361 and SE371. Concurrent with or previous semester of SE431 or SE471 or comparable internship. (Fall/Spring)

Graduate Level Classes:

SE678 Topics in Special Education 1 credit

This class deals in depth with a specific topic related to children and youth with disabilities or developmental risk conditions and/or their families.

Topic G: Current Issues in Special Education - is designed to be taken by the practicing teacher returning for endorsement in special education or adding an high-incidence endorsement to an existing endorsement in special education. It will be taken in lieu of SE310 for those that meet the qualification of three years of teaching children or youth with special needs, a letter documenting satisfactory performance, and a copy of teaching license and transcripts. This course will focus

SM280 Sport in Society 3 credits

This course takes an issue-oriented approach to the studying the role of sport in society. Specific issue that will addressed are violence in sport, religion in sport, gender in sport, etc. Students will also have to complete a sociologically based research paper as part of the course. (Writing Intensive). (Spring)

SM312 Sport Ministry 3 credits

This course explores the unique connection between sport and ministry. The class will prepare students to share the Gospel through sport activities and will examine how to operate a sport business with a mission-based purpose. (Spring)

SM315 Sport Public Relations 3 credits

Focuses on the application of public relations principles in a sport related setting. Significant attention is given to media relations with specific topics including media guides and publications, handling statistics, staging interviews and press conferences and crisis management. Prerequisite: BU140 (Interterm)

SM320 Sport Economics 3 credits

Along with providing students with basic economic tools, this course will explore how economics affects sport differently than other industries. Special consideration will be given to competitive balance, how sports teams economically impact markets, the union/management relationship, and amateurism and college sports. Prerequisite: MA108 or higher Math course. (Spring)

SM325 Sport Marketing 3 credits

This course introduces concepts and tools used to market sport and physical activity and will address content areas such as corporate sponsorships, ticket sales, broadcast agreements, promotional events, branded and licensed merchandise, pricing strategies, place and product distribution and electronic media. Prerequisites: BU102 and BU103. (Spring)

SM362 Practicum 1 credit

Students will receive practical experience in the class in conjunction with the Sterling College Athletic Department. Students will be assigned a supervisor and will cover one of Sterling's seventeen varsity sports. The practical experience will help prepare students for future employment.

SM390 Sport Facility Management 3 credits

This course will teach students to blend leadership, operations management, and creativity in promotions for managing sport facilities. (Fall)

SM400 Internship 3 credits

This course enables Sterling College sports management students to acquire work experiences during the summer months relating to the career they are pursuing. This experience is designed to expand on the learning experience and to integrate and reinforce skills and concepts obtained in the classroom by providing practical experience in a structured employment environment. All internships must be pre-approved through the student's advisor and Department Chair prior to the first day of the internship. A minimum of 160 hours of experience is required. Prerequisite: Junior status.

SM410 Sport Finance 3 credits

This course will provide students with the tools necessary to operate within the financial climate of a sport organization. Financial statements, budgeting, economic impact analysis, and other financial topics will be explored. Prerequisite: SM320 or senior standing. (Fall)

SM498 Senior Seminar 1 credit

An opportunity to apply the knowledge, principles, and skills gained from the Sports Management curriculum through discussions, presentations, and the completion of a major senior project. Career fair fee: \$35. Prerequisite: Senior status. (Spring)

THEATRE COURSES

TA105 Introduction to the Theatre 3 credits

This course is a survey of the various arts of the theatre including playwriting, acting, directing, scenic and lighting design, costuming and makeup, and music and dance. Major goals of the course are to give an overview of the history of theatre and to explore the way theatre artists work, what methods they use, and how results are judged. (Fall)

TA111 Voice and Movement for the Actor 3 credits

This course provides introductory training in both vocal and physical technique, through relaxation and exercise, to establish both physical and vocal discipline and control. Students will master a vocal regime while learning the concepts and

vocabulary used in prominent movement-based actor training methods. This course will culminate in a group, movement-based program. (Spring/Even)

TA125 Acting I

3 credits

The course provides an introductory study of the principles of acting following the Stanislavsky system (and variations developed by prominent instructors who succeeded him) in order to prepare the student for the creative and practical demands of stage acting. Students will participate in exercise work focusing on concentration and public solitude, imagination, improvisation, observation, scoring physical actions, beat analysis, definition and pursuit of objective, and the defining and playing of physical action. (Fall)

TA130 Oral Interpretation

3 credits

This course focuses on the development of oral communication skills through research, analysis, organization, audience adaptation, and delivery centering upon the expressive presentation of classic and contemporary literature including prose, poetry, scripture, and other genres. Oral programs will include serious, informative, inspirational, humorous, and persuasive purposes using original introductory, connective, and concluding material. (Spring)

TA155 Theatre Service Laboratory

1 credit

Credit for participation in the theatrical productions. Requires a minimum of 30 hours, log, reflection paper, peer and instructor assessment. May be repeated for a maximum of four credits. For majors and minors. Instructor consent required. (Every semester)

TA155S Theatre Lab - General

TA155AS Theatre Lab – Acting

Production work in acting including audition, casting, rehearsal, creating a role, and performance.

TA155CS Theatre Lab – Costuming/Makeup

Production work in costuming, makeup, and wardrobe. Other elements include project work and working with a group.

TA155MS Theatre Lab – Management

Production work in stage management, public relations and promotion, or theatre business operations. Other elements include project work and working with a group.

TA155SCS Theatre Lab - Stagecraft

Production work in properties, lighting, or scene construction. Other elements include project work and working with a group.

TA200 Stagecraft I

3 credits

Provides a fundamental knowledge of the planning, construction, painting, and rigging of stage scenery and stage properties. Students are introduced to theatrical drafting, reading plans, and building from scale drawings. In addition to formal class meetings, students are required to assist with the construction of scenery for Sterling College theatre productions. (Fall)

TA205 Survey of Modern and Contemporary Drama

3 credits

This course exposes students to the analysis of major plays starting with the early 20th century through the present. The class particularly considers the performance, sociopolitical, and aesthetic contexts of the plays. Students will read, analyze, and discuss works by authors including, but not limited to, Brecht, Pirandello, Wilder, Rice, Miller, Williams, O'Neil, Rogers & Hammerstein, Beckett, Ionesco, Sartre, Gorky, Wilson, Kushner, Sondheim, Mamet, Stoppard, Shanley, and LaBute. (Spring/Even)

TA210 Costuming

2 credits

Survey of costume history to gain knowledge of various period styles and basic construction methods. Students will solve design problems through the use of sketches, pattern making, and construction of period costumes. Work with major production required. (Fall/Odd)

TA215 Makeup

2 credits

Basic makeup techniques practiced through exercises in Grecian proportions, old age, stout, and lean using the student's own face as a canvas. Exploration of animal makeup, wig and beard construction, masks, prosthetics, and special effects. (Spring)

TA220 Introduction to Theatrical Design 3 credits

An introductory course in theatrical design for the theatre designer, director, and performer. Students will complete exercises to explore the principles and elements of design as they relate to theatrical production. Projects and drawing exercises will be done in various art media in a studio format. (Spring/Odd)

TA225 Acting II 3 credits

This course is an intensive, yet practical, study of acting, using various acting techniques and exercises. This course will take as its focal point exercise work as opposed to intense scene study. Students will be equipped as actors with a solid foundation in objective driven, other oriented, moment to moment acting technique. Scene work, if any, will be drawn from modern and contemporary dramatic literature. Prerequisite: TA125 or consent of the instructor. (Fall/Odd)

TA230 The Musical Theatre 3 credits

A study of the history, practice, style, and technique of music theatre. The course gives students an understanding of the genres of music theatre and develops an appreciation for the history and styles of music theatre and an awareness of the unique production problems of music theatre. Usually taught in conjunction with the New York City theatre tour. (Interterm/Even)

TA231 Ballet I 3 credits

A beginner's course in ballet in which students will learn the basic terminology, etiquette, and techniques of ballet. The history and origin of ballet from its roots to present time are also covered. Proper attire is required without exception. Student with ballet experience may test out of the course. May not be taken for general education fine arts credit. (Fall)

TA250 Stagecraft II 3 credits

A course for theatre majors with a technical theatre concentration that trains the student for managing a theatre shop. Instruction is provided in advanced construction techniques, welding, pyrotechnics, and people managing skills. This course requires a weekly lab in addition to the class for supervised practice of class skills and production process. Prerequisite: TA200 or consent of the instructor. (Spring/Even)

- TA352 Theatre History II** **3 credits**
Theatre history, literature, theory and criticism from 1800 to present. Study of the physical theatre, production methods and styles, acting, and dramatic structures, as well as philosophical, social, political and cultural perspectives is included. Students are exposed to the theatre of Latin America, Asia, and Africa. Theatre research methods and writing. (Writing Intensive) (Spring/Odd Years)
- TA360 Directed Readings in Theatre** **1-3 credits**
For majors or minors only by arrangement with the department.
- TA370 Directing** **3 credits**
Study and application of directing methods: analysis, communication, interpretation. Students will direct scenes and produce a one-act play completing a process of audition, rehearsal, and staging. Study of composition, picturization, movement, rhythm, and stylization as well as the role and responsibilities of the director, including production meetings and theatre safety. Prerequisites: TA125 and TA200 or consent of instructor. (Spring)
- TA380 Independent Study in Theatre Arts** **1-3 credits**
This course provides an opportunity to conduct in-depth research in an area of interest in Theatre Arts.
- TA431 Musical Theatre Dance Styles** **1 credit**
Students learn basic techniques utilized within choreography for musical theatre. Emphasis is placed on Jazz technique and terminology, partnering/ensemble work, and Tap. Students are also introduced to Broadway and other relevant choreographers, their historical significance, and their choreography. May be repeated for credit. May not be taken for general education fine arts credit. Prerequisites: TA231 or instructor approval. (Spring/Even)
- TA485 Practicum in Theatre** **3 credits**
Supervised experience working in professional settings in theatres, summer stock, theme parks, or similar theatre related entities. The student, department, and cooperating agency contract for area of responsibility, supervision details, and on-going and final evaluation. (Each semester)

TA489 Topics in Theatre 3 credits

This course is designed to expose students to various topics in Theatre Arts including, but not limited to, acting in Shakespeare, musical theatre, and scenic painting. (Interterm/Odd)

TA490 Senior Project 3 credits

Performance or research projects in theatre arts. (Each semester)

TA495 Theatre Arts Senior Seminar 1 credit

Preparation for graduate school, teaching, and the theatre profession through the preparation of a portfolio, audition materials, and resume. Application process to graduate programs, auditions through organizations like URTA, and career development strategies are covered. (Spring)

THEOLOGY AND MINISTRY COURSES

TM102 Introduction to the Old Testament 3 credits

This course examines the major themes of the Hebrew and Aramaic Scriptures through the study of selected passages, ranging from Genesis to Malachi. It provides an overview of the respective covenants of the Old Testament and its different genres. (Every semester)

TM103 Introduction to the New Testament 3 credits

This course examines the major themes of the New Testament through the study of selected passages, ranging from Matthew to Revelation. It explores the life, death, and resurrection of Jesus Christ and the church's establishment, growth, and contemporary challenges. (Every semester)

TM105 Basic Christian Philosophy 3 credits

An introduction to the basic philosophic concerns of metaphysics, logic, epistemology, ethics, and aesthetics. This will involve a survey of major philosophic problems and the answers proposed by various major philosophers. A biblical and theological framework for thinking Christianly about philosophy will be presented.

TM107 Training for Cross-Cultural Ministry 1 credit

This course examines the area of the global interconnectedness of Christian ministry, exploring the challenges of multi-ethnic cultural diversity. The focus is on preparing students for cross-cultural ministry opportunities, in the United States and abroad. Through a theological and anthropological study of key dimensions of

cultural differences, students are enabled to foster international relations and better avoid cross-cultural misunderstandings. A pass/fail grade will be given. (Spring)

TM108 Cross-Cultural Ministry Reflection 2 credits

This course follows TM107 and includes the two or three week Mission trip and requires an intentional debriefing and written reflection on the trip expressed in a paper that gives a report on the trip and applies the taxonomy of key dimensions of cultural differences to the mission trip. (Fall)

TM202 Pentateuch Literature 3 credits

This course is a study of the first five books of the Old Testament. It examines biblical narratives such as the accounts of creation, the fall, the choosing of Abraham, the exodus, and the giving of the Law. Theological issues explored will include the nature of God, human nature, the Hebraic worldview, the covenantal relationship with God, and His program to redeem the world. Prerequisite: TM102. (Fall/Even Years)

TM203 Biblical Hebrew I 3 credits

This course introduces students to the grammar, syntax, and vocabulary of Biblical Hebrew. Students will begin to read elementary texts from the Hebrew Old Testament scriptures. (Fall/Even Years)

TM204 Biblical Hebrew II 3 credits

A continuation of the work started in Biblical Hebrew I, developing further skills in grammar, syntax, and vocabulary. Students will read a variety of Hebrew texts from the Old Testament. (Spring/Odd Years)

TM209 Urban Entry 3 credits

Through a variety of teaching methods, this course prepares students for internships in urban settings. Students will also be involved in urban ministry in a variety of places, possibly including the Denver Urban Semester and World Impact in Wichita. This will raise students' awareness of urban realities, their inner responses to these realities, and models of Christian response to urban issues. (Spring/Odd Years)

TM214 Biblical Prophecy 3 credits

This course focuses on the background, content, and purpose of the Old Testament prophets, and the reality of prophetic ministry. Prerequisites: TM102 or consent of instructor. (Spring/Even Years)

TM217 Wisdom Literature and Poetry 3 credits

This course is an introduction to the wisdom literature and poetry of the Old Testament. Particular attention is given to Psalms, Proverbs, Ecclesiastes, and Job. Prerequisites: TM102 and sophomore standing or consent of instructor. (Spring/Odd Years)

TM230 New Testament Greek I (LL230) 3 credits

This course equips students with a fundamental understanding of grammar, syntax, and vocabulary of biblical Greek. (Fall/Odd Years)

TM231 Logic 3 credits

Introduces the student to the basic components of sound argumentation. Students explore the use and meaning of language in order to differentiate between cognitive and emotive responses to ideas. Employing principles of logic, the student will learn to identify false logic, critique arguments, show proofs that are coherent and consistent, and use symbols and formulas of logic. (As announced)

TM232 New Testament Greek II (LL232) 3 credits

A continuation of TM230 equipping students with a fundamental understanding of grammar, syntax, and vocabulary of biblical Greek. (Spring/Even Years)

TM245 Homiletics 3 credits

Students will develop a methodology and biblical basis for preaching in order that the student can present the truth of God's Word in a manner which enhances its meaning and persuades listeners. (Spring/Even Years)

TM247 Instructional Bible Study 3 credits

Beginning at ground level, this course reviews the basic importance of individual Bible study and then the methodology and preparation for teaching others effectively in Bible study classes. Instruction and discussion develop three key steps to effective study: observation, interpretation, and application. (Fall/Even Years)

TM252 Urban Leadership**3 credits**

This course teaches students how to examine and take care of their soul in order to be people with the ability to lead in difficult places in the world. The goal is to develop leaders who have a true sense of self, become aware of God's transformative invitation, and become leaders who value "being" instead of merely "doing". (Summer)

TM253 Spirituality and Prayer**3 credits**

This course enables students to take responsibility for their own spiritual growth and to empower others to do the same by introducing them to a variety of tools, both ancient and contemporary, used to foster spiritual growth. Prayer in its myriad forms is a central focus of the course. The learning environment will be practical and experimental as well as theoretical. (Fall/Odd Years)

TM254 Spiritual Formation**3 credits**

This course prepares students for a ministry directed toward facilitating spiritual maturity. An emphasis is placed on spiritual formation of both minister and congregation, and to their interrelatedness. Focused consideration is given to biblical principles and processes, including the teachings of Jesus and the work of the Holy Spirit, as well as to the dynamics of discipleship. Students will examine the process of spiritual formation in three movements: Upward (relationship with God), Inward (relationship to ourselves), and Outward (relationship to others). (Fall/Even Years)

TM260 Contemporary Trends in Worship**3 credits**

This course examines contemporary trends in Christian worship. In a comparative study styles such as formal-liturgical, traditional (hymn-based), revivalist, contemporary, charismatic, seeker-sensitive, blended, and emerging church worship styles are probed, valued, and discussed from a Trinitarian perspective. Students are expected to demonstrate and assess the broad scope of present-day approaches. (Fall/Even Years)

TM261 Case Studies and Sources in Missiology**3 credits**

This course examines a wide range of basic texts in Missiology (the science of missions) including biblical, historical, and cultural/anthropological sources. Issues of mission praxis are further highlighted by discussing actual case studies of dilemmas and predicaments encountered in practical mission situations. (Fall/Odd Years)

TM262 World Religions

3 credits

This course examines the major non-Christian religions of the world such as Hinduism, Buddhism, and Islam from a Christian perspective and probes the issue of the salvific uniqueness of Jesus. (Spring/Even Years)

TM272 Jesus and the Gospels

3 credits

Students engage in a study of the different perspectives of the four gospel writers concerning Jesus and His ministry. Consideration is given to how and why the gospel writers wrote and to the “historical Jesus” debate. Prerequisite: TM103 or consent of instructor. (Fall/Odd Years)

TM275 Johannine Literature

3 credits

This course studies the Fourth Gospel, the epistles of First, Second, and Third John, and Revelation. Students will consider the Gospel of John's relationship with the Synoptics, the themes and theological contributions of the epistles, and the unique genres and interpretative challenges of the last book of the Bible. Prerequisite: TM103. (Spring/Even Years)

TM277 Pauline Literature

3 credits

In this course, the letters of the apostle Paul are examined with respect to their historical and literary context in order to determine their respective purposes. Prerequisite: TM103 or consent of instructor. (Fall/Even Years)

TM279 Leadership and Administration

3 credits

Attention is given to the spiritual qualities a Christian leader must possess, different leadership styles, and the recruitment and training of lay leaders for various ministries in the church (e.g. education, worship, pastoral, etc.). (Spring/Even Years)

TM281 Church History and Missions I

3 credits

This course provides a chronological overview of the spread and progress of Christianity from Apostolic times up to the Protestant Reformation, including doctrinal developments and missionary activities. (Fall/Odd Years)

TM282 Church History and Missions II

3 credits

This course continues a survey of the key figures and movements that have contributed to the spread and progress of Christianity from the Protestant

Reformation to the present, including doctrinal developments and missionary activities. (Spring/Even Years)

TM284 Introduction to Missions 3 credits

This course examines the biblical foundation of Christian mission, its history and practice. It focuses on communicating the Gospel of Jesus Christ in the contemporary world, incorporating the challenge of issues of culture, worldview, ethnicity, and different religions. (Fall/Even Years)

TM286 Research Methods 1 credit

This course is required for all Biblical Studies and Christian Ministries majors, as it exposes students to the research skills and methodologies needed to conduct significant and appropriate research in biblical and theological studies. (Spring)

TM289 Topics in Christian Ministry 1-3 credits

This course is designed to expose students to various topics in Ministry.

TM321 Adolescent Culture and the Gospel 3 credits

This course revolves around three issues: (1) What is the nature of culture, generally, and pop and youth culture more specifically? (2) How do the systems of contemporary culture affect young people in our society? (3) How can we keep track of all that is going on in youth culture and apply our information to ministry? This course attempts to raise students' professionalism, their ability to respond to the needs of young people, and their effectiveness in communicating the Gospel. (Spring/Even Years)

TM322 Urban Ministry 3 credits

Change in our urbanizing world calls for a new type of leadership within our city churches; a generation of leaders who have roots in the community and are strong in the classic practices of their faith, while being innovative in response to the changing social landscape. This course is designed to help emerging leaders develop the spiritual tools for a sustainable form of spiritual living and Christian leadership in low-income and high-risk urban settings. (Summer)

TM327 Doctrine of the Holy Spirit 3 credits

This course examines the biblical teaching on the Third Person of the Holy Trinity and explores the development of the doctrine of the Holy Spirit in the history of the Christian church. The major focus will be on systematic-theological reflection

as well as contemporary issues such as charismatic gifts, discernment, Spirit-baptism, and religious experience. Prerequisite: TM366 or consent of the instructor. (Spring/Odd Years)

TM328 Biblical Theology of Worship 3 credits

This course explores the biblical and historical foundations of worship. Students will start developing their own theology of worship. The course also includes the practice of worship, incorporating the elements of time, space, and sound in the services of worship. (Fall/Odd Years)

TM330 New Testament Greek III (LL330) 3 credits

This course is a continuation of New Testament Greek II, strengthening the student's command of Greek syntax, exegesis, and textual criticism, and focusing on exegeting biblical passages to be used for preaching or teaching. Prerequisites: TM230 and TM232 or consent of instructor. (Fall/Even Years)

TM332 New Testament Greek IV (LL332) 3 credits

This course is a continuation of New Testament Greek III through the reading of a variety of New Testament and early Christian texts. (Spring/Odd Years)

TM340 Gender and Ethnic Issues in Ministry 3 credits

This course examines issues of gender, ethnic, and socioeconomic diversity as it pertains to leadership and ministry in the church. Course discussions focus on theological and practical concerns relating to the role of women in the church, the relationships that leaders maintain with members of the opposite sex, and the dynamics and pertinence of ethnic diversity within vocational ministry. (Spring/Odd Years)

TM348 Biblical Hermeneutics 3 credits

This course deals with the art of interpretation and the principles of interpretation of biblical genres. Genres include law, poetry, narration, epistles, Gospels, prophecy, apocalyptic writings, parables, wisdom, and songs. Prerequisites: TM102, TM103, and sophomore standing. (Writing Intensive) (Fall/Odd Years)

TM357 Introduction to Youth and Family Ministry 3 credits

The purpose of this course is to explore the general themes of Youth Ministry. As an introductory course into the Youth Ministry concentration, this course will survey the different models of youth ministry, probe the interface between youth

and family relationships, and introduce a theological foundation for youth ministry. (Fall/Even Years)

TM358 Global Urbanization 3 credits

This course is designed to offer students tools for understanding global urbanization, in local contexts such as Denver, CO, and analytical tools to help leaders develop effective responses. (Summer)

TM359 Theological Issues in Youth Ministry 3 credits

This course considers the purpose of youth ministry in the local church. It will examine the theological environment of youth ministry, give consideration to youth ministers as theological professionals, and help students build a personal theology of youth ministry. (Fall/Odd Years)

TM360 Internship in Christian Ministries 3 credits

This course involves direct participation in ministerial training and responsibilities by a student with sophomore status. Students will serve a minimum of 150 hours in an internship (either volunteer work or a temporary paid position) supervised by an experienced professional in some form of Christian Ministry. This course is required of all CM majors and the nature of the service (usually done during the summer) is determined by the student's concentration and requires prior approval from the instructor. (Fall)

TM366 Basic Christian Doctrine 3 credits

This course considers the major tenets of the Christian faith, their biblical basis, and present relevance to life. Topics such as God, revelation, angels, humanity, sin, Christ, the Holy Spirit, salvation, the Church, the sacraments, and the future are studied. Prerequisites: TM102 and TM103 or consent of instructor. (Every semester)

TM370 Spiritual and Pastoral Formation of Youth 3 credits

This course surveys the field of spiritual and pastoral formation and will closely examine the particular spiritual formation needs of students in youth ministry today. It will also help students develop an individual pastoral formation plan for their future ministry experience. (Spring/Odd Years)

TM392 Service Component**1 credit**

Every student who is majoring in the department takes the initiative in creating, developing, and providing some form of hands-on voluntary service to an agency or ministry in which they can utilize the skills and insights acquired from their studies in the department. The departmental instructor for this course must approve the proposed service in advance. A pass/fail grade will be given. (Fall)

TM394 Directed Readings**1-3 credits**

Prerequisite: Junior standing.

TM397 Independent Study**1-3 credits**

Prerequisite: Junior standing. (As announced)

TM439 Christian Ethics**3 credits**

This course provides an introduction both to ethical theory and moral decision-making. It serves as a core requirement for all minors in Christian Ministries. It examines philosophical and theological foundations of Christian ethics as well as case studies in areas such as bio-medical, sexual, environmental, and legal ethics. (Writing Intensive) (Spring)

TM466 Senior Project: Curriculum Design**2 credits**

This course is for Christian Ministry majors only. It exposes students to the fundamental issues pertaining to curriculum theory and development. The course prepares students to develop and implement an integrated curriculum in church settings. Students work to design a proposed curriculum and critique various existing curricula. Emphasis is placed on the development of creative abilities. Prerequisite: Senior standing (Fall)

TM470 Philosophy and Christian Thought**3 credits**

This course examines the close interaction between philosophical and theological thought. Traditional and current arguments for God's existence, the validity of religious experience, and problems foundational to the Christian faith are explored. An understanding of the effect of postmodern culture and thought is developed. Prerequisite: Junior standing or consent of instructor (As announced)

TM471 Christian Apologetics**3 credits**

In this course students will develop their ability to formulate a consistent Christian apologetic, critiquing both non-theistic and pseudo-Christian approaches and to analyze effectively divergent systems of apologetics. (Spring/Odd Years)

TM484 Contemporary Christian Thought 3 credits

An introduction to contemporary theological issues within the framework of Christian thought. Students study mostly twentieth century schools, such as: modernism, Pentecostalism, neo-orthodoxy, post-Vatican II Catholicism, future-oriented theologies, liberation theology, feminism, narrative theology, evangelicalism, post-modernity, charismatic theologies, and trends in majority-world thinking. Prerequisite: TM366. (Spring/Even Years)

TM489 Topics in Christian Ministry 1-3 credits

This course is designed to expose students to advanced study of various topics in Ministry.

TM499 Senior Thesis 2 credits

This course, which is required of all Biblical Studies majors, involves in-depth research and the production of a biblical or theological paper. (Writing Intensive) Prerequisite: Senior standing. (Fall)

THEOLOGY AND MINISTRY ONLINE COURSE
DESCRIPTIONS

TM1045 Introduction to the Old and New Testament 5 credits

This course examines the major themes for both the Hebrew Scriptures or Old Testament through the study of selected passages, ranging from Genesis to Malachi; and the major themes of the New Testament, ranging from Matthew to Revelation. Attention is paid to the covenant structure of the Bible and its different literary genres. *Meets General Education requirement.*

TM1075 Cross-Cultural Studies 5 credits

This course examines the area of the global interconnectedness of Christian ministry today, exploring the challenges of multi-ethnic cultural diversity. Through a theological and anthropological study of dimensions, such as our concepts of time, event, space, reasoning, task, crisis, vulnerability, relationships, status, group-consciousness, etc., students are enabled to foster cross-cultural and international relations and better avoid conflict.

TM2155 Old Testament Studies 5 credits

Within the field of the Old Testament this course is focused on two areas: the background, content, and purpose of biblical prophets and their writings, and an

introduction to the poetry and wisdom literature in books such as Psalms, Proverbs, Ecclesiastics, and Job.

TM2315 Introduction to New Testament Greek I and II 5 credits

This course equips students with a fundamental understanding of the grammar, syntax, and vocabulary of biblical Greek, leading to the reading of selected New Testament Greek texts.

TM2405 Christian Education and Leadership 5 credits

This course provides an overview of Christian Education as a mission of the church. A variety of vocational options are explored as well as the leadership styles and spiritual qualities of Christian leaders. Students will be trained in principles and procedures for planning and structuring a program for Christian Education and in the selection and evaluation of teaching resources, as well as the recruitment and training of lay leaders and teachers for educational ministry.

TM2485 Methods in Bible Study 5 credits

Beginning at ground level, this course reviews the basic importance of individual Bible study with the aim of teaching others. Aspects addressed include exegesis, context, interpretation, genre, application and implementation. Skills in the presentation of a lesson are also developed in group context.

TM2745 Missions and Theology of Religions 5 credits

This course examines the biblical foundation of Christian mission, its history and practice. It focuses on communicating the Gospel in the contemporary world, incorporating the challenge of issues of culture, worldview, and ethnicity. It also provides a thorough study of the major non-Christian religions of the world from a Christian perspective and probes the issue of the salvific uniqueness of Jesus Christ.

TM2755 New Testament Studies 5 credits

Within the field of the New Testament this course is focused on two areas: the life of Jesus, reflected in the differing perspectives of the four gospel writers, asking how and why they wrote and then considering the “historical Jesus” debate, and secondly on the letters of the apostle Paul in their historical and literary contexts, probing their respective purposes and content.

TM2835 Church History and Mission I and II **5 credits**

This course provides a chronological overview of the spread and progress of Christianity from Apostolic times to the present, reflection on the development of ideas, and on missionary activities.

TM3055 Basic Christian Doctrine and The Holy Spirit **5 credits**

This course reflects on the major tenets of the Christian faith, considering their biblical basis and present relevance to life. Topics studied include God, revelation, angels, humanity, sin, Christ, salvation, the church, sacraments and the future. Due to the traditional neglect of the doctrine of the Holy Spirit and its relevance in Christianity today it will receive more detailed attention. This will include biblical and historical background as well as contemporary issues of religious experience such as “Spirit-baptism” and charismatic gifts. *Meets General Education requirement.*

TM3105 Philosophical Concepts and Christian Thought **5 credits**

Students are introduced to the basic divisions of philosophical thought such as cosmology, metaphysics, logic, epistemology, and ethics. The development of a Christian or biblical worldview is pursued. Students will also study contemporary expressions of Christian thought as expressed in twentieth century schools such as neo-Orthodoxy, Vatican II Catholicism, liberation theology, future-oriented theologies, feminism, narrative theology, Pentecostal and Charismatic theologies, and trends in majority-world thinking. *Meets General Education Requirement.*

TM3115 Worship: Theology and Trends **5 credits**

This course explores the biblical and theological foundations of worship in the Old and New Testaments and the ministry of Christ as the “liturgist in the sanctuary” and leader of Christian worship. Contemporary trends are also studied comparatively including liturgical, traditional (or hymn-based), revivalist, seeker-sensitive, contemporary, charismatic, and emerging church styles. Students are expected to probe and assess the broad scope of present-day innovations in worship.

TM3385 Youth Ministry **5 credits**

This course reflects on the distinctive nature of contemporary youth cultures, their influence on society, and application to Christian ministry. The role of the youth minister is explored in relation to the needs of young people and the effective communication of the Gospel. Students are exposed to various models of youth

ministry and introduced to the practical, administrative duties involved. Issues of family dynamics are also explored.

TM3925 Service Component **5 credits**

Students take the initiative in creating, developing, and providing some form of practical voluntary service to a ministry or agency in which they can utilize skills and apply insight acquired from their academic study of Religion and Christian Ministry. The proposed service must be planned and approved in advance of the proposed service and reflected on later in group debriefing sessions.

TM4105 History of Philosophy and Christian Thought **5 credits**

This course examines the historical development of philosophical thought from the ancient Greeks to the present and explores the interface of philosophical and religious thought, looking at issues such as traditional and current arguments for the existence of God and the validity of religious experience within the contemporary postmodern mindset.

TM4935 Ethics **5 credits**

This course provides an introduction to ethical theory and moral decision making, i.e. the reflection on ways how we as humans ought to live and the process of making good and right choices regarding our behavior and actions. Major ethical systems include Virtue ethics, Divine command, Natural law, Social contract theory, Duty and Utilitarianism. Areas of application may include matters such as abortion, cloning, euthanasia, capital punishment, war, sexuality, and the environment.

TM4995 Research Methods and Thesis **5 credits**

This course exposes students to the research skills and methodologies needed to conduct significant and appropriate research in biblical and theological studies. It guides students through in-depth research and the successful production of an academic paper.

STERLING COLLEGE ONLINE

<http://online.sterling.edu>

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Sterling College offers several majors and programs through online delivery:

Christian Ministries*

Elementary Education

Interdisciplinary Studies: Criminal Justice Administration

Organizational Management

Theological Studies*

History with History and Government Licensure

High-Incidence Special Education Add-on Endorsement

Professional Education: This program is designed to assist students to obtain teaching licensure when they already have a Bachelor's degree in an area for which Sterling Teacher Education Program (STEP) is approved to provide licensure.

Some of the courses required for degrees leading to education licensure include a fieldwork component to be completed in your community.

*Course requirements are different for these SC Online programs than for traditional on-campus programs. Requirements for these programs are listed below. All other programs follow the same requirements as traditional on-campus programs.

Withdrawing from Courses and/or Programs

To officially withdraw from a course or program a student must obtain a withdrawal form from the Sterling College Online division of Sterling College.

To obtain the form, the student should contact an Online Student Services Counselor. Financial aid and tuition and fees may be affected by withdrawal

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