FRESHMAN COURSE DESCRIPTIONS

ACCT 201. PRINCIPLES OF ACCOUNTING I. This introductory course focuses on the preparation and use of accounting information in the financial reporting environment. Emphasis is placed on the understanding and application of steps involved in the accounting cycle as well as on the recognition, measurement, and reporting issues associated with various financial statement accounts for sole proprietorships and partnerships. The course also exposes the student to career opportunities in the accounting profession.

Fall semester only, three hours plus lab.

ASTR 207. INTRODUCTION TO STARS, GALAXIES, AND COSMOLOGY. A survey of stars, galaxies, and cosmology. Three lectures per week with some lectures substituted for by labs. Includes observations with the Grove City College observatory near Edinboro, Pennsylvania. Open to all students.

Fall semester only, three hours.

BIOL 101. GENERAL BIOLOGY I. An introduction to fundamental biological concepts including biomolecules, cells, energetics, metabolisms, classical/molecular genetics, and vertebrate systems. This course partially fulfills the Writing Intensive (WI) and Information Literacy (IL) requirements for majors in the Department of Biology. Three lectures and one lab per week.

Fall semester only, four hours.

BUSA 201. BUSINESS STATISTICS. A course designed to familiarize the student with basic statistical techniques used in the management decision-making process, including probability distributions, confidence intervals, hypothesis testing, and regression analysis. Students may not receive credit for Business 201 and either Mathematics 201 or Psychology 201.

Semester course, three hours.

BUSA 203. PRINCIPLES OF MANAGEMENT AND LEADERSHIP. A study of the five management functions: planning, organizing, leading, controlling, and decision-making with emphasis on their application in contemporary management. The course examines current trends in the changing business environment, the application of Christian principles in management, selected contemporary management topics, and the interrelationships among organizational theory, organizational behavior, and management practices.

Semester course, three hours
BUSA 204. PRINCIPLES OF MARKETING. An introductory study of products; pricing; distribution; and promotion with a consumer orientation emphasizing marketing strategy; market institutions and functions; and the role of the consumer in the marketing process. Students learn the purpose and function of marketing in both the corporate and small business setting. Course content may include the use of a simple stand-alone computer simulation where they will manage the marketing mix for a consumer product.

Semester course, three hours.

BUSA 211. BUSINESS COMPUTER APPLICATIONS. This course provides business majors with instruction and practical exercises using Microsoft Office to solve business problems. It integrates applications of Microsoft Office into the business environment in such a way that students learn to use the software to prepare reports, design oral presentations, collaborate with one another, and utilize spreadsheets to organize information and summarize data. Business, accounting, financial and scientific problems and applications are emphasized. This course must be taken in the freshman or sophomore year.

Semester course, three hours.

CHEM 101. GENERAL CHEMISTRY I. An introductory survey of the fundamental principles of chemistry including chemical reactions and stoichiometry, chemical formulas, nomenclature of compounds, gas laws, redox reactions, thermochemistry of physical change, crystal structures and the enthalpy of chemical change. Three lectures and one lab per week.

Fall Semester, four hours.

CHEM 105. CHEMISTRY FOR ENGINEERS. An introductory survey in the fundamental principles of chemistry, including chemical reactions and equations; behavior of gases; chemical thermodynamics; basics of electrochemistry; crystal structure; and nuclear, organic, and environmental chemical fundamentals. Three lectures and one lab per week.

Semester course, four hours.

CHIN 101. ELEMENTARY CHINESE I. This first-year course is designed to lay a foundation for those who are interested in using Mandarin Chinese as a linguistic tool to communicate and further appreciate the Chinese culture. It aims at developing learners’ overall competence in speaking, listening, reading, writing, and culture awareness with special emphasis on oral-aural skills for true beginners.

Fall semester only, three hours.

CHIN 201. INTERMEDIATE CHINESE I. This second-year course is designed to build on the foundation of first year Chinese to help learners achieve greater fluency in the spoken and written use of the Chinese language, as well as to increase vocabulary and familiarity with common sentence patterns. Prerequisite: Chinese 102 or by permission.

Fall semester only, three hours.

CHIN 301. ADVANCED CHINESE I. This third-year course is conducted entirely in Chinese. It seeks to further develop learners’ overall language proficiency through extensive reading of modern texts in various styles. Students will learn how to distinguish written language phrases (shūmiàn yǔ) and daily spoken, informal phrases. Students will have opportunities to narrate personal experience, discuss current social problems, and explore cultural issues at discourse level. Topics
include Chinese food, holidays, education, traditional Chinese medicine, and leisure activities. Prerequisite: Chinese 202 or by permission. \textit{Fall semester only, three hours.}

\textbf{COMM 104. PUBLIC SPEAKING AND RHETORIC.} Introduces students to the preparation and presentation of material for a variety of public speaking situations. This performance-oriented class offers instruction in the theory of rhetoric, material development, and delivery techniques. Students will review the historical importance of oral communication and the role it plays in society. This course fulfills the Speaking Intensive (SI) and part of the Information Literacy (IL) requirement for Communication Studies majors.

\textit{Semester course, three hours.}

\textbf{COMM 110. PRINCIPLES OF MEDIA.} This course offers an introduction of the historical and conceptual foundations of media, including oral, print, photographic, broadcast, cinematic, and digital cultural forms and practices. Drawing upon a comparative approach, students will examine the nature of mediated communication, the functions of media, and the history of transformations in media and the institutions that help define media’s place in society.

\textit{Semester course, three hours.}

\textbf{COMM 135. WRITING FOR THE MEDIA.} Provides an introduction to the substance, structure, and style of multiple forms of non-narrative mass media including print, broadcast, film, and the Internet. It is required for the Communication Studies major.

\textit{Semester course, three hours.}

\textbf{COMP 141. COMPUTER PROGRAMMING I.} This course provides the student with an understanding of hardware and software concepts, structured program design, and programming using C++ in an integrated development environment. Topics include Boolean expressions, iteration, standard library functions, programmer-defined functions, arrays, searching and sorting, multidimensional arrays, string class, vector class, pointers and dynamic memory allocation, programmer-defined classes, and abstract data types. This course, along with Math 161 and 488, fulfills the Information Literacy (IL) requirement for the Mathematics major.

\textit{Semester course, three hours.}

\textbf{COMP 155. INTRODUCTION TO COMPUTER SCIENCE.} This course provides an introduction to the field of Computer Science. Topics include data representation, gates and circuits, algorithm design, programming languages, abstract data types, operating systems, information systems, artificial intelligence, networks, and the World Wide Web. The course is intended to prepare students for further study in the field and is also appropriate for non-major students who wish to become familiar with computer science.

\textit{Fall semester only, three hours.}

\textbf{ECON 101. PRINCIPLES OF ECONOMICS (MICRO) I.} An examination of the fundamental principles of human action and the laws of the market economy. Focus will be on exchange, prices, production, costs, entrepreneurship, and government intervention.

\textit{Semester course, three hours.}
ECON 102. PRINCIPLES OF ECONOMICS (MACRO) II. An examination of the fundamental principles of human action and the laws of the market economy. Focus will be on money, inflation, credit, interest, capital, economic progress, and business cycles.

Semester course, three hours.

ECON 120. FOUNDATIONS OF ECONOMICS. An investigation of the theological, philosophical and epistemological foundations of economics. The nature of man and the created world, laws of action and interaction, and the good society will be explored.

Semester course, three hours.

EDUC 202. FOUNDATIONS OF TEACHING. A study of the pedagogical framework of education with emphasis on the legal and organizational issues related to American institutions of education. This includes an analysis of the current reform movements and the impact upon the role of the professional educator. This course satisfies the Information Literacy (IL) requirement for PreK-4 Elementary and Middle Level Education majors.

Semester course, three hours.

EDUC 204. THE TECHNOLOGIES OF INSTRUCTION. An introduction to educational media with an emphasis on applications of computer technology in education; general models for computer usage in education and educational institutions; and case studies of specific projects in terms of approach, effectiveness, and implications for the future. Emphasis will be on the application of educational media within the K-12 school curriculum. Prerequisite: For education majors only.

Semester course, three hours.

EDUC 281. EARLY CHILDHOOD FIELD EXPERIENCE (FIRST LEVEL). This one-credit field experience is an internship course designed to permit beginning level early education students to engage in a semester-long field experience in the Early Education Center. This course is required for Early Childhood certification. Freshman or sophomore level course.

Semester course, one hour.

ENGL 201. ENGLISH LITERATURE SURVEY I. The first semester of the two-semester survey of English literature focuses on the major authors and representative works of each period from the early Middle Ages (Beowulf) to the 18th century. This course also fulfills the Writing Intensive (WI) and Information Literacy (IL) requirements for the English major. As such, it is the foundational course for the English major and should be taken in the first semester of the program.

Fall semester only, three hours.

ENGL 205. WORLD LITERATURE SURVEY: ASIA. A survey of representative authors and works of Asia, with a special focus on the literature of China, India, and Japan. The 205-206 survey is designed to include works of cultures and regions not covered by the English and American literature surveys of the classical and European literature in the required Humanities 202: Civilization & Literature. Students may take either or both courses, in either sequence.

Fall semester only, three hours
ENGL 250. WORLD DRAMA. An introduction to the great playwrights and representative plays of world drama from the Greeks to the present. Students study elements of plot, characterization, and idea in each of the plays studied. The course also focuses on the theatrical and historical context of each play and playwright. Fall semester only, three hours.

ENGL 261. POETRY. This course explores a wide range of traditional and contemporary poetry; gives insight into ways poets use imagery, rhyme, meter, persona, and sound qualities to create meaning in poetry; provides experience with prosody, and offers in-depth experience with the work of selected poets. Fall semester only, three hours.

ENGR 156. INTRODUCTION TO ENGINEERING. Introduces students to the engineering profession and the design process. Course lectures and assignments include the design process; problem definition and solution; oral and written communications; group dynamics; public responsibility; current global engineering challenges; and engineering ethics. A group design project is required. For electrical engineering students, this course is taken concurrently with Computer Science 141. For mechanical engineering students, this course is taken concurrently with Mechanical Engineering 120. Semester course, two hours.

ENTR 101. THE ENTREPRENEURIAL MIND. This course introduces the student to entrepreneurial thought and practice. Taken in conjunction with Entrepreneurship 102 and 103, students begin to develop their own entrepreneurial mindset and the business skills essential to the entrepreneurial experience. Students are introduced to the basics of business and challenged to think creatively about solving customer problems in the commercial and social arenas. Through experiential learning, business writing assignments, and creative thinking exercises, students will build new dreams about their life passion in the context of starting and running their own enterprise. This course satisfies the Writing Intensive (WI) requirement for Entrepreneurship majors. Corequisites: Entrepreneurship 102 and 103. Fall semester only, 3 hours.

ENTR 102. TECHNOLOGY FOR THE ENTREPRENEUR. Students learn to use business technology in coordination with assignments in Entrepreneurship 101, including how to use business information technology, spreadsheets, virtual meetings, key Internet skills such as social networking, and personal information management. This course satisfies the Information Literacy (IL) requirement for Entrepreneurship majors. Taken concurrently with Entrepreneurship 101 and 103. Fall semester only, 1 hour

EXER 101. INTRODUCTION TO EXERCISE SCIENCE. This course introduces students to the field of Exercise Science, requirements for professional certification, graduate school requirements and career options in both health fitness and clinical fields. Lecture topics will include the mission and vision of the American College of Sports Medicine (ACSM), the Commission on Accreditation for Exercise Science and the Department of Physical Education and Athletics. Students will become familiar with the ACSM JTAs (Job Task Analysis) which will be covered across the Exercise Science
Students will begin to create individual portfolios to show how the JTAs and department objectives are met across the curriculum. Two hours.

**FREN 101. ELEMENTARY FRENCH I.** This course is intended for students who have not studied French before or who have had very little exposure to the language. Newly acquired vocabulary and grammatical structures will be practiced through general classroom discussions and small group and pair work activities. Homework will require the interactive use of audio and video material(s), as well as regular writing practice. The course will also invite students to explore the francophone world.  

*Fall semester only, three hours.*

**FREN 201. INTERMEDIATE FRENCH I.** This course is appropriate for students who have completed 101 and 102, or 2 years of high school study with grades of B or better. After a review of elementary French, this course proceeds with an intensive study of grammar and vocabulary aimed at developing all four skills: writing, reading, listening, and speaking. Students will read fairly simple historical or literary texts; they will perform small skits, memorize a few poems, and explore cultural contexts of French and francophone communities. Besides laboratory assignments and creative writing activities, students will do written exercises on a daily basis. Prerequisite: French 102 or equivalent.  

*Fall semester only, three hours.*

**FREN 305. TOPICS IN FRENCH AND FRANCOPHONE STUDIES.** Students hone skills of description, narration, and evaluation through the observation and discussion of various cultural elements of the French-speaking world. Different topics will be studied in different semesters and may include gastronomy, fashion, sports, music, places (such as Paris), or major cultural figures. This course fulfills the Speaking Intensive (SI) requirement for the French major, and may be repeated for credit provided the topic is different. Prerequisite: French 202 or by permission.  

*Alternate fall semesters, three hours.*

**FREN 309. ADVANCED GRAMMAR AND COMPOSITION.** The goal of this course is to enable advanced students to develop linguistic skills and to hone their writing style in the target language. Through challenging exercises, examinations, and a creative paper, students gain continuous practice in speaking, reading, and writing in the target language. Emphasis is placed on the following aspects of French grammar: nouns, articles, compound tenses of the indicative (other than those studied in 307), pronominal verbs, negatives, adverbs, passive voice, prepositions, personal pronouns, conditional, subjunctive, and imperative. This course fulfills the Writing Intensive (WI) requirement for the French major. Prerequisite: French 202 or a 300-level French course, or by permission.  

*Alternate fall semesters, three hours.*

**GREK 101. INTRODUCTION TO NEW TESTAMENT GREEK I.** A study of the grammar and syntax of New Testament Greek.  

*Fall semester only, three hours.*

**HEBR 101. INTRODUCTION TO BIBLICAL HEBREW I.** A study of the grammar and syntax of the Hebrew Bible.  

*Fall semester only, three hours.*
HIST 120. FOUNDATIONS OF HISTORY. An introduction to the principal theories, ideas, concepts, methods, and debates that have shaped the discipline of history. The course examines competing perspectives of history, human nature, and providence. It analyzes how historians use and evaluate evidence and provides Christian perspectives on history.

Semester course, three hours.

HIST 141. WORLD GEOGRAPHY. An exploration of the physical and human geography of the globe.

Semester course, three hours.

HIST 143. WORLD HISTORY I. A survey of the basic history of world societies from the earliest recorded development of human civilizations to the early modern period. As an Information Literacy (IL) course, it emphasizes designing historical research questions; finding, evaluating, and using primary and secondary sources; citing sources properly; and writing a cogent paper.

Fall semester only, three hours.

HIST 208. MEDIEVAL EUROPE. A survey of Europe from the end of the Roman Empire to the early fifteenth century that emphasizes the cultural and intellectual legacy of the Middle Ages.

Alternate spring semesters, three hours.

HIST 231. MODERN LATIN AMERICAN HISTORY. The story of Latin America from the beginning of the colonial period to the present. The class explores the geography and history of those countries colonized by Spain and Portugal in the sixteenth century, which still preserve the influence of Iberian political and social principles today. It also examines the subsequent political, social, and economic development of Latin America, the complicated relationships between individual countries in this region, and the increasing relationships between the region as a whole and the rest of the world.

Alternate fall semesters, three hours.

HIST 251. UNITED STATES SURVEY I. A survey of American history from its European origins through Reconstruction.

Fall semester only, three hours.

HIST 265. HISTORY OF SPAIN, 1500 TO PRESENT. An introduction to Spanish history from the union of the Crowns of Castile and Aragon to the present day. The central theme of the course is the problem of identity—how have the Iberians peoples identified themselves over time—and the political, religious, economic, and social difficulties historically associated with identity. Offered alternate falls, semester course, three hours.

HIST 283. HISTORY OF THE UNITED STATES TO 1865. An introductory survey of American history from its colonial origins until the end of the Civil War. The course examines political, social, economic, religious, and cultural developments.

Fall semester only, three hours.

HUMA 102. CIVILIZATION AND THE BIBLICAL REVELATION. A study of Christian revelation and how it influenced the course of Western civilization. It focuses on
key texts that are foundational for theology, cosmology, epistemology, human nature, society, and ethics. This course contains the second component of the across-the-curriculum Information Literacy (IL) requirement. The year-long course sequence of Religion 211 and 212 may substitute for this course. Similar courses taken at other institutions will transfer as elective credit and may not be used to fulfill this requirement. Prerequisite: Humanities 101 or concurrent with Humanities 101.

**MATH 111. PRE-CALCULUS.** Designed to help prepare students for success in Business Calculus or Calculus I, this course offers a thorough treatment of algebra, analytic geometry and exponential and logarithmic functions. Additional topics such as trigonometry and limits may be included. A basic understanding of high school algebra and analytic geometry is presumed.

*Semester course, three hours.*

**MATH 118. FINITE MATH.** An introduction to a variety of topics from finite mathematics such as sets, counting, basic probability and statistics, linear systems, matrix algebra, and linear programming (graphical solutions). Time permitting, additional topics such as linear programming with the simplex method, Markov chains, and game theory will be considered.

*Fall semester only, three hours.*

**MATH 141. BUSINESS CALCULUS.** The differential and integral calculus of elementary functions with applications in business and economics. Students may not receive credit for Math 141 and 161. Math 161, not 141, is the prerequisite for 162.

*Semester course, four hours.*

**MATH 151. SURVEY OF MATHEMATICS I.** This course (along with Math 152) is a conceptual exploration of mathematical topics related to elementary school mathematics, and is part of a two-course, six-hour mathematics requirement specifically designed for elementary education and early childhood majors. Content studied includes critical thinking and problem solving, logic, sets, relations and functions, numeration systems and whole-number computation, integers, and elementary number theory. Restricted to elementary education, early childhood education, and music education majors only.

*Fall semester only, three hours.*

**MATH 161. CALCULUS I.** A first course in calculus that assumes no prior study of the subject. Topics include: limits and continuity, differentiation, curve sketching, definite and indefinite integration, and applications. This course, along with Computer 141 and Math 488, fulfills the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: High school mathematics including algebra, analytic geometry, and trigonometry. Students may not receive credit for Math 141 and 161.

*Semester course, four hours.*

**MATH 162. CALCULUS II.** A continuation of Math 161 covering the topics: exponential, logarithmic and inverse trigonometric functions, techniques of integration, parametric equations, sequences, infinite series, and Taylor series. This course, along with
Computer 141 and Math 488, fulfills the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: Math 161 or permission of instructor.

_MATH 201. STATISTICAL METHODS._ An introduction to basic concepts and techniques of statistical inference including descriptive measures, probability distributions, tests of hypotheses, interval estimation, and analysis of variance. Offered periodically.

_Semester course, four hours._

_MATH 261. CALCULUS III._ The final course in the three-semester calculus sequence. Students receive instruction in the following topics: polar coordinates, vectors and the geometry of three-dimensional space, vector functions, partial derivatives, multiple integrals and vector calculus. This course, along with Computer 141 and Math 488, fulfills the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: Math 162.

_Semester course, four hours._

_MECE 107. ENGINEERING GRAPHICS._ A study of the principles of engineering drawing, including detailed part drawings. Students will learn to read and create detailed technical drawings. Topics include orthographic and pictorial views, section views, and auxiliary views. Dimensioning and tolerancing in accordance with ANSI Y14.5, including geometric dimensioning and tolerancing is emphasized. _Fall semester only, two hours._

_MECE 109. INTRODUCTION TO SOLID MODELING._ An introduction to basic CAD modeling. Students will be introduced to mechanical engineering terminology and mechanical components such as screws, gears, shafts, etc. An introduction to CAD solid modeling with Creo, including basic part and assembly models is also included. A small design project will introduce CAD design tools, including additive manufacturing. _Fall semester only, two hours._

_MUSI 100. BAND._ Fall Semester: The college marching band begins its year with band camp one week before classes begin in the fall. The band performs at home football games, selected away football games, and high school band festivals. Spring Semester: The symphonic band performs all styles of concert literature and performs two concerts during the semester.

_Semester course, one hours_

_MUSI 101. CHOIR._ College chapel choir members prepare, study, and present choral literature. The choir performs at Sunday vespers services as well as a concert each semester.

_Semester course, one hour._

_MUSI 102. ORCHESTRA._ The college orchestra performs a repertoire of classical as well as modern music. The orchestra performs one concert during the fall semester and two during the spring semester.

_Semester course, one hour._

_MUSI 103. MUSIC THEORY I._ An introduction to harmony, including elements of theory, melody writing, and writing basic four-part harmony. This course includes the opportunity to use computer applications pertinent to the teaching of public school music.
MUSI 105. SOLFEGGIO I. An aural skills and sightsinging class including melodic dictation, interval recognition, and chord identification.  

Fall semester only, one hour.

MUSI 107. BRASS METHODS. Class instruction in the brass instruments with emphasis on development of the instrumental program in the schools.  

Fall semester only, one hour.

MUSI 111. PIANO CLASS. This course seeks to give the non-music major an introduction to basic keyboard skills and musicianship with emphasis upon playing the piano for pleasure. The classes progress from beginning through intermediate.  

Fall-Spring, one hour each semester.

MUSI 115. GROVE CITY COLLEGE CHAMBER ORCHESTRA. The Chamber Orchestra is a select group of string players and other select wind and percussion students who must audition to join. This ensemble performs more challenging works from the string and chamber repertoires. The group presents music in each orchestra concert and other selected performances during the academic year. Auditions are held during the first week of fall semester.  

Semester course, zero hours.

MUSI 116. GROVE CITY COLLEGE TOURING CHOIR. The Touring Choir is comprised of selected vocalists who are committed to striving for excellence in the choral art. The choir sings for campus events, area churches, and takes a ten-day tour during a break each semester. Auditions are held during the first week of fall semester.  

Semester course, zero hours.

MUSI 117. GROVE CITY COLLEGE JAZZ ENSEMBLE. The Jazz Ensemble is a highly advanced instrumental performing group. This group performs advanced jazz literature that includes Swing, Bebop, Latin, Fusion, and other of the more modern styles of jazz literature. Improvisational and advanced computing skills are highly desirable for the membership of this ensemble. The Jazz Ensemble typically performs medium-advanced to very-advanced jazz literature and presents two college concerts per year in addition to performing at various off-campus events. Auditions are held early in the fall semester.  

Semester course, zero hours.

MUSI 118. GROVE CITY COLLEGE STAGE BAND. The Stage Band is an advanced instrumental performing group. This group performs Jazz literature that focuses primarily on "classic" Jazz Swing (from the 30s and 40s) and Broadway-style, "Show Tune" literature. Musicians are selected for this group by an open-audition process that happens during the 1st and 2nd week of the 1st semester of each college calendar year. While improvisational skills are not necessary for the instrumentalists of this group, they are encouraged. The Stage Band typically performs medium to advanced Jazz literature and performs two college concerts per year.  

Semester course, zero hours.
MUSI 119. GROVE CITY COLLEGE SINGERS. The Grove City College Singers is comprised of auditioned female vocalists who are interested in singing a variety of sacred and secular vocal literature. In addition to two formal concerts during the academic year, the ensemble sings at a variety of campus venues, including alumni events, and a chapel service during the fall semester. Auditions are held during the first week of fall semester. _Semester course, zero hours_

MUSI 121. PIANO PROFICIENCY CLASS. This is a course of study to prepare music education majors to meet the keyboard standards for successful classroom teaching. The class studies piano repertoire as well as elements of the Piano Proficiency Exam.

_Fall-Spring, one hour each semester._

MUSI 125. INTERMEDIATE PIANO CLASS. This course seeks to give non-music majors, with some degree of previous piano training, continued instruction in the fundamentals of keyboard playing._Fall-Spring, one hour each semester._

MUSI 131. ORGAN CLASS. This course is for music as well as non-music majors interested in the organ and its literature. The course also studies the history and design of the organ as well as acoustics and liturgical architecture.

_Fall-Spring, one hour each semester._

MUSI 135. GUITAR CLASS I. This is an introductory course designed to provide the student with a means of self-expression through playing the guitar.

_Fall-Spring, one hour each semester._

MUSI 137. GUITAR CLASS II. This course is for the student who has a basic knowledge of the guitar. This course includes teaching correct methods for learning flamenco techniques, aural and visual analysis, and performance harmonizing.

_Fall-Spring, one hour each semester._

MUSI 141. BEGINNING VOICE CLASS. This course teaches vocal production and song presentation. Individuals demonstrate and perform for class members.

_Fall semester only, one hour._

MUSI 151-152. PRIVATE PIANO LESSON. This course consists of one-half hour for one credit (151) or one full hour for two credits (152) of individual instruction at the piano. The level of repertoire will depend upon the technical and musical abilities of the student.

_Semester course, one or two hours._

MUSI 155-156. PRIVATE ORGAN LESSON. This course consists of one-half hour for one credit (155) or one full hour for two credits (156) of individual instruction at the organ. The student will study literature appropriate to the organ and also work on technical development.

_Semester course, one or two hours._
MUSI 161-162. PRIVATE VOICE LESSON. This course consists of one-half hour for one credit (161) or one full hour for two credits (162) of private instruction in voice. Vocal production, language training, and performance skills for the individual singer are taught.  

Semester course, one or two hours.

MUSI 163-164. PRIVATE STRING LESSON - CELLO. This course consists of one-half hour for one credit (163) or one full hour for two credits (164) of individual instruction on the cello. Students will improve technical skill as well as become familiar with string literature for the appropriate instrument.  

Semester course, one or two hours.

MUSI 165-166. PRIVATE STRING LESSON - VIOLIN/VIOLA. This course consists of one-half hour for one credit (165) or one full hour for two credits (166) of individual instruction on the violin or viola. Students will improve technical skill as well as become familiar with string literature for the appropriate instrument.  

Semester course, one or two hours.

MUSI 167-168. PRIVATE BRASS LESSON - FRENCH HORN. This course consists of one-half hour for one credit (167) or one full hour for two credits (168) of individual instruction on French horn. Included in the instruction are techniques for developing embouchure; fingerings and their alternates; and solo repertoire for the French horn.  

Semester course, one or two hours.

MUSI 169-170. PRIVATE BRASS LESSON - TROMBONE. This course consists of one-half hour for one credit (169) or one full hour for two credits (170) of individual instruction on the trombone for the student to develop proficiency on the trombone, with special emphasis on slide positions, embouchure, trigger fingerings, and appropriate repertoire.  

Semester course, one or two hours.

MUSI 171-172. PRIVATE BRASS LESSON - TRUMPET. This course consists of one-half hour for one credit (171) or one full hour for two credits (172) of individual instruction on the trumpet. The student will become familiar with solo repertoire as well as fingerings and their alternates, tone quality, embouchure, and breathing techniques.  

Semester course, one or two hours.

MUSI 173-174. PRIVATE BRASS LESSON - BARITONE/TUBA. This course consists of one-half hour for one credit (173) or one full hour for two credits (174) of individual instruction for the student to develop proficiency on one of the lower brass instruments: baritone/euphonium or tuba. Playing techniques; fingerings and their alternates; tone quality; embouchure; and a variety of appropriate literature for the instrument will be presented.  

Semester course, one or two hours.

MUSI 175-176. PRIVATE BASSOON LESSON. This course consists of one-half hour for one credit (175) or one full hour for two credits (176) of individual instruction on the
bassoon to gain mastery of the techniques of performance. The student will become familiar
with fingerings, embouchure, reed making, and bassoon literature.

_MUSI 177-178. PRIVATE CLARINET/SAXOPHONE LESSON._ This course consists of one-half hour for one credit (177) or one full hour for two credits (178) of individual instruction on the clarinet or saxophone. The student will gain mastery of the basic techniques of performance including literature, intonation, hand position, articulation, fingerings, and embouchure.

_Semester course, one or two hours._

_MUSI 179-180. PRIVATE OBOE/ENGLISH HORN LESSON._ This course consists of one-half hour for one credit (179) or one full hour for two credits (180) of individual instruction to gain mastery of the techniques of performance on the oboe or English horn. The student will become familiar with uniqueness of each instrument including fingerings, embouchure, reed making and literature.

_Semester course, one or two hours._

_MUSI 181-182. PRIVATE PERCUSSION LESSON._ This course consists of one-half hour for one credit (181) or one full hour for two credits (182) of individual instruction on all of the percussion instruments. The course teaches playing techniques, fundamentals of each instrument, and literature.

_Semester course, one or two hours._

_MUSI 183-184. PRIVATE FLUTE LESSON._ This course consists of one-half hour for one credit (183) or one full hour for two credits (184) of individual instruction for the student who is interested in developing knowledge of flute literature; technique; tone quality and vibrato; fingerings; and embouchure.

_Semester course, one or two hours._

_MUSI 185-186. PRIVATE GUITAR LESSON._ This course consists of one-half hour for one credit (185) or one full hour for two credits (186) of individual instruction for the student wishing to concentrate on techniques and fundamentals of guitar playing. Instruction is given on chords, harmonic structure, scales, and literature.

_Semester course, one or two hours._

_MUSI 187-188. PRIVATE HARP LESSON._ This course consists of one-half hour for one credit (187) or one full hour for two credits (188) of individual instruction at the harp.

_Semester course, one or two hours._

_MUSI 189-190. PRIVATE STRING LESSON - BASS._ This course consists of one-half hour for one credit (189) or one full hour for two credits (190) of individual instruction on the string bass. Students will improve technical skill as well as become familiar with string literature for the appropriate instrument.

_Semester course, one or two hours._

_MUSI 191-192. PRIVATE SAXOPHONE LESSON._ This course consists of one-half hour for one credit (191) or one full hour for two credits (192) of individual instruction on
the saxophone. The student will gain mastery of the basic techniques of performance including literature, intonation, hand position, articulation, fingerings, and embouchure.

Semester course, one or two hours.

**MUSI 198. MUSIC RECITAL ATTENDANCE.** Students fulfill this requirement by attending a predetermined number of faculty, senior and student recitals each semester. Students majoring in music must register for this course each semester. The student’s academic advisor will monitor compliance with this requirement. For music minors.

Semester course, zero hours.

**MUSI 199. MUSIC RECITAL ATTENDANCE.** Students fulfill this requirement by attending a predetermined number of faculty, senior and student recitals each semester. Students majoring in music must register for this course each semester. The student’s academic advisor will monitor compliance with this requirement. For music majors.

Semester course, zero hours.

**PHIL 161. INTRODUCTION TO PHILOSOPHY.** A course designed to acquaint the student with the various fields and problems of philosophy. Primary sources are used.

Semester course, three hours.

**PHYE 101. FITNESS AND WELLNESS I - MEN.** Students will be introduced to current concepts and trends of individual fitness and wellness. Each student will be exposed to the following concepts: cardiovascular disease, muscular strength & endurance, aerobic fitness, body composition, flexibility, nutrition, stress management, common injuries, dimensions of wellness, and behavior change modification.

Fall semester only, one hour.

**PHYE 111. FITNESS AND WELLNESS I - WOMEN.** Students will be introduced to current concepts and trends of individual fitness and wellness. Each student will be exposed to the following concepts: cardiovascular disease, muscular strength & endurance, aerobic fitness, body composition, flexibility, nutrition, stress management, common injuries, dimensions of wellness, and behavior change modification.

Fall semester only, one hour.

**PHYS 121. COLLEGE PHYSICS I.** A study of mechanics at the pre-calculus level with applications to the life sciences. Topics include kinematics, Newton’s laws, work, energy, momentum, angular motion, fluids, oscillations, and gravity. Three lectures and one workshop per week. Students may not receive credit for both Physics 101 and 121.

Fall semester only, four hours.

**PHYS 135. HORIZONS IN PHYSICS.** Discussion of current topics in physics. Since scientific journals will provide much of the content for this course, students will learn how to acquire and interpret articles from scholarly publications. In addition, students will be required to attend presentations by physicists actively engaged in research, as well as field trips to academic and industrial laboratories in the area. This course is open to all students but, in the event that the class becomes full, preference is given to physics majors.
POLS 101. FOUNDATIONS OF POLITICAL SCIENCE. A review of the principal methods of studying politics, the enduring issues of politics, and main institutions of selected governments in the world today. This course fulfills the Information Literacy (IL) requirement for the Political Science major.

Fall semester only, one hour.

POLS 104. INTERNATIONAL POLITICS. An analysis of the growth of national states and the factors that determine their behavior in international affairs. Particular attention is given to problems of collective security, balance of power, foreign policy, and political economy.

Semester course, three hours.

POLS 201. COMPARATIVE POLITICS. A selective study of major governments of the industrialized and non-industrialized world. Emphasis placed on the tools of comparative analysis and their application to various nations in the developed and developing world.

Spring semester only, three hours.

POLS 204. AMERICAN NATIONAL GOVERNMENT. A survey of national political institutions including Congress, the Supreme Court, the presidency, public bureaucracy, and a review of selected topics in public policy.

Semester course, three hours.

PSYC 101. FOUNDATIONS OF PSYCHOLOGICAL SCIENCE. This course is designed to introduce the student to the field of psychology, which is defined as the scientific study of behavior and mental processes. Like other sciences, psychology seeks to explain, predict, and control the events it studies. Students will be exposed to the important theories, methods, and landmark findings that have helped to shape psychology as a field of inquiry. An integral focus of the course will be a consideration of how psychology can contribute to the synthesis of a consistent Christian worldview.

Semester course, three hours.

PSYC 102. EDUCATIONAL PSYCHOLOGY. A consideration of those aspects of psychology which form the basis for educational methods and their application in the school curriculum, including student characteristics, group and individual differences, cognitive and personality development, learning theory, measurement, and evaluation. This course satisfies the Information Literacy (IL) requirement for all education majors.

Semester course, three hours.

PSYC 208. SOCIAL PSYCHOLOGY. The scientific study of the way individuals think, feel, and behave under the actual, imagined, or implied presence of others. Our study of social psychology will investigate the relationship between attitudes and behavior, attribution theory, cultural influences, conformity, prejudice, aggression, attraction, altruism, conflict, etc. We will concentrate on applying social psychology to real world experiences and will include in-depth analysis of original literature.

Semester course, three hours.
RELI 211. OLD TESTAMENT LITERATURE AND HISTORY. An introduction to the literature, content, and history of the Old Testament. Special attention is given to the historical background, composition, and theological message of the Old Testament. The course further acquaints students with the basic methods of Old Testament studies and the present state of Old Testament research. This course contains the second component of the general education Information Literacy (IL) requirement for students substituting Religion 211 and 212 for the Humanities 102 requirement. Semester course, three hours.

RELI 216. INTRODUCTION TO CHRISTIAN MINISTRY. This course exposes students to basic issues, concepts, approaches, and organizations involved in Christian ministry. It covers topics such as leadership, discipleship, evangelism, and pastoral ministry. Semester course, three hours.

RELI 221. THE LIFE OF CHRIST. This course aims to give the student a good understanding of the person, work, and teachings of Christ as presented in the Gospels. It also seeks to introduce the student to some of the important literature on the subject. Offered alternate years, semester course, three hours.

RELI 237. BIBLICAL BOOKS – PENTATEUCH The form and ideas of one Biblical book will be explored in depth. Different books will be studied in different semesters. Semester course, three hours.

RELI 247. CONTEMPORARY AMERICAN RELIGION. This course seeks to examine and explore the prominent place of religion in this religiously pluralistic nation by describing and analyzing current American religious developments in historical, sociological, and theological perspective. Institutional and non-institutional developments within and outside the Judeo-Christian tradition will also be examined. Offered alternate years, Semester course, three hours.

SCIC 201. FUNDAMENTALS OF THE UNIVERSE. This course covers major ideas concerning the physical universe, including applications of those ideas, past and present. Topics include philosophy of science, motion, cosmology, light, gravity, energy, and quantum physics. No credit will be given to students who have already received credit for Physics 101 or 121. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.

SCIC 202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal and population biology. No credit will be given to students who have already received credit for Biology 101. This course is designed to meet general education
science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.

**SOCI 101. FOUNDATIONS OF SOCIOLOGY.** An introductory study of the major and enduring theoretical ideas, concepts, methods, and debates that have shaped and informed the discipline of Sociology from its inception to the current day. Topics include the origins of the discipline, the social conditions under which humans may thrive, social order, religion, and inequality. Attention is also paid to the ways in which the Christian tradition perceives and in some cases may challenge contemporary social conditions. Recommended to precede all other Sociology courses.  
*Semester course, three hours.*

**SOCI 201. SOCIAL PROBLEMS.** An analysis of American social problems related to family, sexuality, drugs, crime, health, poverty, race, and global problems related to gender, population, the environment, religion, war and terrorism.  
*Semester course, three hours.*

**SOCI 251. COURTSHIP AND MARRIAGE.** A general introduction to marriage and the family emphasizing practical living. Topics include dating, courtship, engagement, marriage, romantic love, and marital adjustment including the roles experienced through life - parenthood and child rearing and divorce.  
*Semester course, three hours.*

**SOCW 101. FOUNDATIONS: SOCIAL WORK.** This course will broadly introduce students to the social work profession, social service delivery systems, and the generalist practice model. Discussions of social work history, values, theories, ethics will be included as well as an examination of the way social work is distinct from “sister” disciplines including psychology and sociology. An overview of the diverse populations served by social work services will also be surveyed within the course. Recommended to precede all other Social Work courses.  
*Semester course, three hours.*

**SOCW 205. ADMINISTRATION IN SOCIAL WORK.** This course introduces students to conceptualizing social problems through careful problem analysis and the development of effective programmatic responses. Because social service agencies are widely funded through public and private grants, students will also be introduced to the process of grant writing. Emphasis is placed throughout the course on responding to human need through service that demonstrates compassion, competence, and a commitment to promoting human dignity and flourishing. Prerequisites: SOCW 101 (Waived for 2017).  
*Semester course, three hours.*

**SPAN 101. ELEMENTARY SPANISH I.** This course is intended for students with no previous study of Spanish or who have had minimal exposure to the language. An introduction to Spanish, stressing the spoken language and giving practice in grammar, reading, and writing.  
*Fall semester only, three hours.*

**SPAN 201. INTERMEDIATE SPANISH I.** This course is appropriate for students who have completed Spanish 101 and 102, or 2 years of high school study with grades of B or
better. A review of elementary Spanish and an intensive study of grammar and vocabulary in oral and written practice, and readings from selected texts. Prerequisite: Spanish 102 or equivalent.

**SPAN 295. SPANISH LANGUAGE AND CULTURE.** An intermediate-level transitional course designed to help prepare students for advanced-level Spanish courses. This course will review, broaden, and solidify Spanish language proficiency, communication skills, and cultural awareness via increasingly more complex listening, speaking, reading, and writing tasks. Intended for students who have completed Spanish 202 or three years of high school Spanish. Three hours

**SPAN 390. STUDY: BUSINESSES IN THE HISPANIC WORLD.** This class explores issues related to business strategies, styles, culture, and practices in Spain and Latin America. Students will learn about the organization and classification of Hispanic companies and the history of well-known Hispanic brands, particularly of a popular Spanish firm that changed the world of retail clothing. This class will also introduce students to the evolution of the market of goods and services in the Hispanic world and will examine its future prospects. The course will follow a country-by-country approach and will include media and works of fiction as well as the biography of a famous Mexican entrepreneur. Three hours.

**THEA 251. ACTING.** Practice in preparing a dramatic role for performance. Exercises will focus on freeing the actor’s voice and body for maximum expressiveness. Students will prepare and perform monologues, short scenes, and a single extended scene.

**THEA 259: THEATRE PRACTICUM.** Students may receive one credit for a minimum of 40 hours of supervised technical theatre work directly related to a main-stage theatre production. Students must keep an ongoing record of the dates and times of their work, and the student's supervisor must sign each entry. These records are due by Study Day of the semester enrolled. This course is repeatable, but no more than three hours may count toward the Theatre minor. It will count as a general elective if taken more than three times.

**THEA 261. STAGECRAFT.** This course covers the technical work of set-design, lighting, sound design, and stage rigging as well as administrative/budgetary management of technical theater. A practical course taught both in the classroom and in hands-on settings. Students will be required to assist in various productions and live performances throughout the semester.

**WRIT 101. FOUNDATIONS OF WRITING DISCOURSE.** A course introducing students to the fundamentals of college composition. Topics include the writing process, rhetorical strategies, basics of critical reading and thinking, and key forms of writing such as
informative, evaluative, argumentative, and synthesis. This course serves as a foundation to prepare students to succeed in other academic writing contexts.

Semester course, three hours.