

## UNDERGRADUATE COURSE DESCRIPTIONS

### ACADEMIC SKILLS

#### **ACAD 0100 Academic Study Hall**

*0 credit hours*

Academic Study Hall is designed to help students transition to the academic rigors of college by providing a daily, quiet, structured period devoted to study in the University Library. Academic Study Hall is available to any student who desires academic accountability. Students admitted on provisional acceptance must enroll in this program for each semester they remain on probation.

#### **ACAD 1001 Success Orientation**

*1 credit hour*

(Fall and Spring) This course is designed to help students in their academic adjustment from high school to college. The student will be introduced to essential academic skills such as goal-setting, study organization, time management, textbook mastery, listening, memory, note-taking, motivation for study, test-taking, study strategies in other classes and orientation to University services. All incoming first-time freshmen, any transfer student with less than thirty hours of transfer credits and any student admitted on provisional acceptance or academic probation must enroll in this program for one semester.

### AMERICAN SIGN LANGUAGE INTERPRETING

#### **AMSL 1013 American Sign Language I**

*3 credit hours*

(Fall Only) An introduction to American Sign Language and the deaf community. Instruction is given on the basic skills needed in the production and comprehension of American Sign Language (ASL). Course work includes the manual alphabet, numbers, basic sentence structure, conversational skills, culturally appropriate behaviors, and ASL Grammar. Students learn the importance of facial expression and body language as grammatical indicators. Students also learn the importance of conceptually accurate signs. Initial emphasis is given to receptive language skills. Students are introduced to the American deaf culture and participate in deaf community events. This class is taught using spoken English and American Sign Language. Lab and \$25.00 fee required.

#### **AMSL1023 American Sign Language II**

*3 credit hours*

(Spring Only) (Prerequisite: AMSL-1013) Continued study of American Sign Language (ASL) and the Deaf community. Instruction is given on additional types of sentence and discourse structure. The course includes continued development of expressive and receptive skills while conversational signing skills are emphasized through interactive exercises. The course considers relevant issues within the American deaf culture and includes participation in deaf community events. This class is taught exclusively in ASL without voice. Lab and \$25.00 fee required.

#### **AMSL 1501, 1511 Hands of Praise**

*1 credit hour each*

(Fall and Spring) (Prerequisite: AMSL-1013) This course introduces the art of interpretation of aesthetic musical texts. The emphasis is on incorporating the rhythm, fluidity, and beauty of American Sign Language production without sacrificing conceptual accuracy or clarity. (Any combination of Hands of Praise and/or Signs of Glory can be taken up to 2 times for credit.)

#### **AMSL 2013 American Sign Language III**

*3 credit hours*

(Fall Only) (Prerequisite: AMSL-1023) An intermediate study of American Sign Language and the Deaf community. The course is designed to improve the student's expressive and receptive signing skills with focus on expressive skills. It provides students with additional ASL vocabulary and idiomatic/colloquial expressions. It provides instruction on ASL usage as well as grammatical structures for complex sentences emphasizing semantic accuracy and discourse strategies. Special focus is given to the use of classifiers, non-manual signals, and use of space. It includes instruction on self and peer analysis. Students are required to participate in deaf community events. The class is taught exclusively in ASL without voice. Lab and \$25.00 fee required.

#### **AMSL 2023 American Sign Language IV**

*3 credit hours*

(Spring Only) (Prerequisite: AMSL-2013) A continued intermediate study of American Sign Language and the Deaf community. The instruction of American Sign Language vocabulary and idiomatic/colloquial usage of signs is continued. It also continues instruction on fluency of ASL expressive skills through a

variety of exercises, but shifts its attention to improving a student's receptive skills. It includes further and more advanced instruction on self and peer analysis. Students are required to participate in deaf community events. The class is taught exclusively in ASL without voice. Lab and \$25.00 fee required.

**AMSL 2203 Deaf Culture**

*3 credit hours*

(Fall Odd Years) An introduction to American Deaf culture. This course studies the types and causes of deafness and its effect on the individual and family. It considers cultural identity, core values, group norms, organizations, and significant contributions made by deaf people to the world. It also considers historical and contemporary perspectives of language, education, legislation, and social and political aspects of deaf people. This is done from an anthropological and socio-cultural point of view analyzing the similarities and differences to collectivistic and individualistic cultures worldwide.

**AMSL 2212 Deaf Ministry**

*2 credit hours*

(Spring only) (Prerequisite: AMSL-2013) A study in establishing and/or administering a deaf ministry in a local church in the United States or on the mission field. The class will discuss the various types of deaf ministry as it relates to Interpreting Ministry, Deaf Ministry, and Deaf Church. Class content will include deaf visitation, deaf evangelism, deaf children and youth programs, deaf camp, sign language programs (plays, concerts, etc.) and sign language choirs. The students will also consider several mission boards that are involved in deaf ministry.

**AMSL 2221 Cross Cultural Experience**

*1 credit hour*

(Summers As Needed) Students will participate in a cross-cultural experience working with the deaf. Students will prepare a detailed summary of the experience.

**AMSL 2501, 2511 Signs of Glory**

*1 credit hour each*

(Fall and Spring) (Audition Only) An advanced study of the art of interpretation of aesthetic musical texts. The emphasis is on incorporating the rhythm, fluidity, and beauty of American Sign Language production without sacrificing conceptual accuracy or clarity. Admission is through audition only. (Any combination of Hands of Praise and/or Signs of Glory can be taken up to 2 times for credit)

**AMSL 3003 Presentations in American Sign Language**

*3 credit hours*

(Fall Only) An advanced study of expressive and receptive American Sign Language discourse. Students analyze and enhance their own use of ASL features such as register, spatial mapping, and coherence. The class focuses on the most common communication situations. Students engage in spontaneous, informal conversations, discussion topics, and debate and present formal ASL presentations on a variety of topics. It is taught exclusively in ASL without voice.

**AMSL 3012 Interpreting in Technical Settings**

*2 credit hours*

(Fall Odd Years) (Prerequisite: AMSL-2023) An introduction to the various potential environments in which an interpreter might serve and corresponding specialized vocabulary. The interpreting settings covered are as follows: oral, medical, mental health, legal, deaf/blind, theatrical, video, platform, vocational, and small group. The specialized vocabulary covered is as follows: American government, English, math, science, medical terminology, computer, and strong language.

**AMSL 3201 Introduction to the Deaf/Blind Community**

*1 credit hour*

(Fall Even Years) (Prerequisite: AMSL-1023) This course presents an overview of the lives and perspectives of deaf/blind people. It provides an explanation of the various roles and relationships of support service providers and interpreters within the deaf/blind community. Basic level knowledge and experiential activities, meetings, socializing, and working with deaf/blind people in a variety of settings will be provided.

**AMSL 3403 Basics of Interpreting**

*3 credit hours*

(Fall Only) (Prerequisite: AMSL-2023) An introduction to sign language interpreting designed for students with a demonstrated ability and fluency in American Sign Language. It considers a historical perspective of the field and provides instruction on current and emerging trends. It introduces the theory and skills of the interpreting/transliterating process, roles and responsibilities of the interpreter, cultural implications for

the interpreter, various credentialing processes, along with instruction on ethics and business practices of the professional interpreter.

**AMSL 3413 English to ASL Interpreting**

*3 credit hours*

(Spring Only) (Prerequisite: AMSL-3003 and AMSL-3403 with a grade of B or better) In depth study and practice of interpreting spoken English to American Sign Language (ASL) or other sign language systems. Students are instructed how to interpret from spoken English into ASL or other sign language systems effectively, accurately, and impartially while using any necessary, specialized vocabulary. This is a laboratory-based class that provides for the development of interpreting skills required in a variety of settings. Focus is given to equivalent message content, vocabulary, register choice, and cultural adaptations. It includes further and more advanced instruction on self and peer analysis, enhancing the students' voice to sign interpreting skills and preparing them for interpreter credentialing. \$25.00 fee required.

**AMSL 3422 Educational Interpreting**

*2 credit hours*

(As Needed) An overview of deaf education in the K-12, and post secondary mainstreamed settings. The course considers the history of deaf education and the best practices in educational interpreting. It examines legal and ethical consideration specific to the field. It aid in the preparation for the written and performance portions of the Educational Interpreter Performance Assessment.

**AMSL 3432 Religious Interpreting**

*2 credit hours*

(Spring Only) (Prerequisite: AMSL-2023, AMSL-3403) A study of religious signs and interpreting. The students are instructed on how to interpret the various parts of a church service, as well as other religious ceremonies such as weddings and funerals.

**AMSL 3453 ASL to English Interpreting**

*3 credit hours*

(Spring Only) (Prerequisites: AMSL-3003 and AMSL-3403 with a grade of B or better) In depth study and practice of interpreting from American Sign Language (ASL) or other sign language to spoken English. Students are instructed how to interpret from ASL or other sign language systems into spoken English effectively, accurately, and impartially while using any necessary, specialized vocabulary. This is a laboratory-based class that provides for the development of interpreting skills required in a variety of settings. Focus is given to equivalent message content, vocabulary, register choice and cultural adaptations. It includes further and more advanced instruction on self and peer analysis, enhancing the students' sign to voice interpreting skills and preparing them for interpreter credentialing. \$25.00 fee required.

**AMSL 4003 ASL Linguistics**

*3 credit hours*

(Fall Even Years) (Prerequisite: AMSL-2023) A study of the structure of ASL. The course considers the phonological, morphological, and syntactical structure of ASL. It also considers the socio-linguistic rules concerning ASL in the deaf community and their applications and implications to the profession of interpreting. Through lectures, readings, in-class activities and homework, students will learn to analyze languages and discover their patterns and structures.

**AMSL 4603 Deaf Literature**

*3 credit hours*

(Fall Odd Years) (Prerequisite: AMSL-2023) A study of the literature of the deaf community in relationship to other world literatures. Students study a variety of genres including humor, drama, poetry, narratives, folklore, and language as art.

**AMSL 4509 Private Instruction**

*1 – 3 credit hours*

(As Needed) Private instruction is given to senior Sign Language Interpreting majors. This class is taken as an independent study

**AMSL 4883 Teaching American Sign Language**

*3 credit hours*

(Fall Even Years) (Prerequisite: AMSL-2023 or permission of the instructor) This class will serve as an overview of traditional and contemporary teaching methods for second languages. The class will also discuss the application of various teaching to the teaching of American Sign Language. Students will learn about the development of syllabi and lesson plans, selection of curriculum resources, class

activities, and ASLTA certification for teaching ASL. Students will be provided with opportunities to practice basic teaching techniques, select appropriate materials, and design curriculum and evaluation techniques. This course will also introduce students to the concepts of assessment and evaluation of language skills. The course is designed for advanced level ASL students.

**AMSL 4800 Preliminary Interpreting Fieldwork I**

*0 credit hours*

(As Needed) (Prerequisites: AMSL-3413 and AMSL-3453) A practical application of the skills learned in the interpreter training program. Students work under the supervision of certified interpreters in a variety of settings. (This class is graded passing/not passing.)

**AMSL 4810 Preliminary Interpreting Fieldwork II**

*0 credit hours*

(As Needed) (Prerequisites: AMSL-4800) A practical application of the skills learned in the interpreter training program. Students work under the supervision of certified interpreters in a variety of settings. (This class is graded passing/not passing.)

**AMSL 4889 Interpreting Fieldwork**

*9 credit hours*

(As Needed) (Prerequisites: AMSL-3413 and AMSL-3453) A practical application of the skills learned in the interpreter training program. Students work under the supervision of certified interpreters in a variety of settings. The requirements include observation of credentialed interpreters, actual interpreting experience, classroom seminar, professional development activities, one-on-one mentoring with a certified interpreter, and an advanced study of the RID Code of Professional Conduct. Students also complete a paper and electronic portfolio. (\$50.00 Fieldwork fee for each semester enrolled) (This class is graded passing/not passing)

**AMSL 4959 Special Topics**

*1-3 credits hours*

(As Needed) (Prerequisite: Department chair approval; Senior status) An in-depth study in a specialized area.

**AMSL 4969 Special Topics**

*1-3 credits hours*

(As Needed) (Prerequisite: AMSL-4959) Department chair approval; Senior status) An in-depth study in a specialized area.

**AMSL 4979 Directed Deaf Studies I**

*1-3 credit hours*

(As Needed) (Prerequisite: Department chair approval; Senior status) A specialized, self-directed study considering an aspect of interpreting in the deaf community.

**AMSL 4989 Directed Deaf Studies II**

*1-3 credit hours*

(As Needed) (Prerequisite: AMSL-4979) Department chair approval; Senior status) A specialized, self-directed study considering an aspect of interpreting in the deaf community.

## **BIBLE**

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**BIBL 1003 Introduction to Bible**

*3 credit hours*

A basic introduction to the Bible, including the main sections (Old Testament and New Testament), significant terms, types of literature, historical and cultural setting, and the Bible's uniqueness.

**BIBL 1113 Old Testament Survey**

*3 credit hours*

**(PREREQUISITE TO ALL OTHER OLD TESTAMENT COURSES)**

(Fall only) A brief introduction to the Bible as a whole, an overview of the entire Old Testament and a survey of the authorship, date and occasion of writing, theme, purpose and contents of each Old Testament book. Special attention is given to the first chapters of Genesis and the national history of Israel. Significant features of each book are pointed out and timeless, universal truths in each book are emphasized. \$30.00 fee required.

**BIBL 1413 New Testament Survey**

*3 credit hours*

**(PREREQUISITE TO ALL OTHER NEW TESTAMENT COURSES)**

(Spring only) (Prerequisite to all other New Testament courses) A survey of the political, social, moral and religious background of the New Testament including a study of the authorship, date and occasion of

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writing, theme, purpose and contents of each New Testament book. Special emphasis is given to certain books such as the Gospel of Matthew and the Acts of the Apostles. Special emphasis is given to the significance of the crucifixion and resurrection of the Lord Jesus Christ. Significant features of each book are pointed out and timeless, universal truths in each book are emphasized. \$25.00 fee required.

### **BIBL 2513 Life of Christ**

*3 credit hours*

(Prerequisite: BIBL-1413) A study of the earthly life and ministry of the Lord Jesus Christ, together with an examination of the major theological and practical implications of His teaching, as recorded in the four Gospels. Special emphasis is given to the significance of Christ's crucifixion and resurrection. \$15.00 fee required.

### **BIBL 2523 Life & Letters of Paul**

*3 credit hours*

(Prerequisite: BIBL-1413) Systematic study of the life and times of the Apostle Paul. Cultural and historical background of Asia Minor, Grecian and Roman world are studied, analyzing the epistles of Paul and their practical value today.

### **BIBL 2713 Personal Bible Study**

*3 credit hours*

(Fall and Spring) Emphasis is placed on the inductive approach to Bible study that enables students to interpret and understand the meaning of Biblical texts for themselves. Practical help is given to make the student's efforts more profitable and effective. Helpful study tools are discussed, including commentaries, concordances, word studies, and computer software.

### **BIBL 2723 Hermeneutics**

*3 credit hours*

(Fall only) Equips the student with the basic tools by which he can study and interpret the Word of God for himself. Guidelines for interpreting and harmonizing specific passages are given. Principles for interpreting special types of Biblical literature are addressed.

### **BIBL 3023 Daniel and Revelation**

*3 credit hours*

(Prerequisite: BIBL-1113, BIBL-1413) An analysis of the prophetic books of Daniel and Revelation, including the impact of the Old Testament on the book of Revelation. Practical applications from each book are discussed.

### **BIBL 3213 Messianic Prophecy**

*3 credit hours*

A study of the major Old Testament Messianic prophecies, comparing them with New Testament passages showing the Lord Jesus Christ's fulfillment of those prophecies.

### **BIBL 3233 Poetic Books**

*3 credit hours*

(Prerequisite: BIBL-1113) A study of Proverbs, Song of Solomon, and Ecclesiastes through discussion and Biblical word studies to grasp the main ideas of selected passages.

### **BIBL 3243 Major Prophets**

*3 credit hours*

(Prerequisite: BIBL-1113) Isaiah, Jeremiah, Lamentations, and Ezekiel are overviewed. Emphasis is given to the authorship, historical setting, and major themes of each book.

### **BIBL 3253 Minor Prophets**

*3 credit hours*

(Prerequisite: BIBL-1113) The prophetic writings of the Old Testament from Hosea to Malachi are discussed. Emphasis is placed on authorship, historical setting, and major themes of each book.

### **BIBL 3433 Biblical Perspective on Women**

*3 credit hours*

An in-depth study of all the Scripture passages dealing with the role of women in the church, the family, in the workplace, and in society. In addition, there will be the review of significant women in the Old Testament, the ministry of Christ, and the first century church.

### **BIBL 3503 Synoptic Gospels**

*3 credit hours*

(Prerequisite: BIBL-1413) A study of Matthew, Mark and Luke which includes the major emphasis of each book, the harmony of the Gospels, the outstanding events in the life of Christ, together with an analysis

His major teachings. Special emphasis is placed on the principles and methods of Biblical evangelism as exhibited in the life of Christ and the disciples.

**BIBL 3523 Acts**

*3 credit hours*

(Prerequisite: BIBL-1413) The work of the Holy Spirit in accordance with Acts 1:8 in the building of the early church in Jerusalem through the apostles, and the spreading of the gospel under the ministry of the Apostle Paul. Special emphasis is given to Peter in Jerusalem, to Paul in the regions beyond, and the principles and methods of Biblical evangelism as exhibited in the lives of the early Christians.

**BIBL 3533 Gospel According to John**

*3 credit hours*

(Prerequisite: BIBL-1413) Each chapter of the fourth Gospel is surveyed, with selected verses being expounded. The emphasis is on the purpose of writing and proofs of the deity of Christ.

**BIBL 3543 Romans**

*3 credit hours*

(Prerequisite: BIBL-1413) The Epistle of Romans is studied verse-by-verse along with a discussion of authorship, purpose, and outline. The contributions of the epistle to an understanding of justification, the place of Israel, and personal holiness are addressed.

**BIBL 3553 Corinthian Epistles**

*3 credit hours*

(Prerequisite: BIBL-1413) A careful study of the Corinthian Epistles, with special emphasis on problems in the local church and matters of daily Christian conduct. The various gifts of the Spirit are considered, including the problem of the gift of tongues.

**BIBL 3563 Prison Epistles**

*3 credit hours*

(Prerequisite: BIBL-1413) The Epistles of Paul to the Ephesians, the Philippians, the Colossians, and Philemon discussing areas such as the authorship, purpose, place of writing, and date of writing. Biblical interpretation and practical application are given.

**BIBL 3573 Pastoral Epistles**

*3 credit hours*

(Prerequisite: BIBL-1413) A detailed study of the books of 1 and 2 Timothy and Titus designed especially for ministers of the Gospel. This course makes specific applications to the present-day ministers of the Word.

**BIBL 3583 Hebrews**

*3 credit hours*

(Prerequisite: BIBL-1413) The Epistle to the Hebrews is studied verse-by-verse along with a discussion of authorship, outline, purpose, theme, problem passages, and life applications. Special emphasis is given to the sufficiency of the atoning work of Jesus Christ as discussed in the epistle.

**BIBL 3593 General Epistles**

*3 credit hours*

(Prerequisite: BIBL-1413) A historical, doctrinal, and practical study of the epistles of Galatians and James (especially as they relate to the doctrine of justification), 1 and 2 Peter, 1, 2, and 3 John, and Jude.

**BIBL 3713 Computer-Assisted Hermeneutics/Bible Study**

*3 credit hours*

This course is designed to train the participant in the optimum use of one of a number of leading Bible Software programs, including BibleWorks, Logos, PC Study Bible (Bible Soft), Pradis (Zondervan), Quick Verse, or WordSearch. The course implements and optimizes the use of computer Bible software for Biblical exegesis consistent with sound hermeneutical principles.

**BIBL 4213 The Pentateuch**

*3 credit hours*

(Prerequisite: BIBL-1113) A study of the first five historical books of the Old Testament: Genesis, Exodus, Leviticus, Numbers, and Deuteronomy.

**BIBL 4223 Historical Books**

*3 credit hours*

(Prerequisite: BIBL-1113) The Old Testament historical books, emphasizing the history of Israel, the conquest of the Promised Land and the tragedy of the Judges, the United Kingdom, its divisions, the Assyrian and Babylonian captivities, and the return from the exile. Archaeological materials and secular

history are paralleled with the Biblical record. The basic message of each book is given and practical applications to the Christian life are presented.

**BIBL 4959 Special Topics** *1-3 credits hours*  
(As Needed) (Department chair approval; Senior status) An in-depth study in a specialized area.

**BIBL 4969 Special Topics** *1-3 credits hours*  
(As Needed) (Department chair approval; Senior status) An in-depth study in a specialized area.

## **BUSINESS ADMINISTRATION**

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**BUSI 1003 The Future of Business** *3 credit hours*

(Fall Every Year) An introduction to modern business practice, this course examines the role of the free enterprise system in society and economy. The course briefly analyzes the various functions of business such as marketing, management, accounting, production, operations, finance, economics, and economic trends, and discusses these programs in terms of study and career opportunities. In addition to providing an overview of the current status of business, the course emphasizes the trends dominating the modern workplace, how such trends might shift in the near future, and how such shifts must be addressed in successful corporations.

**BUSI 2013 Principles of Macroeconomics** *3 credit hours*

(Fall Odd Years) (Prerequisite: BUS-1003) Macroeconomic study includes topics such as unemployment, inflation, the price level, the monetary system, the measurement of aggregate economic activity, interest rates, and the effects and limitations of fiscal policies.

**BUSI 2023 Principles of Microeconomics** *3 credit hours*

(Spring Even Years) (Prerequisite: BUSI-1003) The discussion of microeconomics encompasses consumer behavior and demand, firm behavior and supply, market equilibrium, price determination under varying industry structure, and the effect such principles have upon labor and financial markets.

**BUSI 2403 Principles of Accounting I** *3 credit hours*

(Fall Every Year) (Prerequisite: BUS-1003) This course provides a comprehensive presentation of basic financial accounting practices. Emphasis is placed on the use of the financial statement as a tool for showing corporate financial position. Coursework in BUSI-2403 is designed with the primary aim of developing students' abilities to understand business transactions and financial statements, and to determine when such measures are required in business. The reasoning behind corporate accounting practices will also be discussed, including the implications that financial reports have for decision-making. Specific course concepts include preparation of financial statements, transaction analysis, cash flows, operational performance, and financial strength.

**BUSI 2413 Principles of Accounting II** *3 credit hours*

(Spring Every Year) (Prerequisite: BUSI-2403) This course provides a comprehensive presentation of basic managerial accounting skills. Students are introduced to the evolving role that managerial accounting plays in servicing the informational needs of managers through the preparation, analysis, and interpretation of financial data. Emphasis is placed upon the attention-directing, decision-regulating, and institutional support that management accounting provides for corporations. Students are also taught how to systematically structure and research critical business decisions, and to think critically about improving existing systems to further corporate advantages.

**BUSI 2503 Survey of Corporate Finance** *3 credit hours*

(Spring Every Year) (Prerequisite: BUS-1003 CISS-1003 MATH-1013 or higher) An overview of the financial decision-making process, with focus being placed on generating and maintaining wealth and the time value of money. The course largely serves as an introduction to the key areas of financial study including financial markets, investment banking, valuation of stocks and bonds, and financial decision-making skills. Students completing the course should have a good understanding of the role that financial statements and portfolios play in corporate management. Specific topics include banks, insurance companies, generating financial statements, trusts, pension funds, mutual funds and stock selection.

**BUSI 2603 Principles of Marketing***3 credit hours*

(Fall Every Year) (Prerequisite: BUSI-1003) An introduction to marketing, this survey course studies marketing from a management viewpoint, as a system for the satisfaction of human wants and a catalyst for business activity. The course discusses the impact of marketing on society as a whole, while simultaneously dealing with the effects that a marketing strategy has upon all levels from producer to consumer. Also emphasized are the core principles of marketing industry, such as product, distribution, promotional materials, pricing decisions, and supply lines. Quantitative methods are also addressed.

**BUSI 2703 Principles of Management***3 credit hours*

(Spring Every Year) (Prerequisite: BUSI-1003) This course is an introduction to the range of theories and practices essential to a basic understanding of management and leadership. The course addresses contemporary management challenges arising from changing organizational structures, complex environmental conditions, new technological developments, and diverse workforces. It highlights the critical issues involved in planning, organizing, and controlling an organization, and ultimately attempts to improve students' understanding of the elements of an effective business leader. Coursework will be directed towards developing communication and interpersonal skills through the use of group projects, class discussions, and reading materials.

**BUSI 3003 Business Law***3 credit hours*

(Fall Odd Years) (Prerequisite: BUSI-1003) An overview of the legal environment in which businesses operate, this course addresses private law as it impacts personal and business relationships, and public law as it effects the relationships between businesses and society. The course will discuss the theoretical underpinnings of the legal structure and practice through case law analysis. Although emphasis will be placed upon the legal responsibilities of corporations as juristic persons, civil law will be discussed as it applies to all individuals in society. Specific course concepts include civil law and tort claims, liability, juristic entities, general lawsuit procedures, the law of contracts, and white-collar crime.

**BUSI 3203 International Business***3 credit hours*

(Fall Even Years) (Prerequisite: BUSI-1003) This course is designed to introduce the student to the global business environment, and serves as an introduction to how international markets affect the key areas of business operation (such as marketing, management, finance, and economics.) Taught from the perspective of multinational management, the course provides an awareness of the peculiarities inherent in the foreign environment which affect corporate strategies, and demonstrates how multinational companies must adapt their policies to meet cultural, political, and economic diversities when operating overseas.

**BUSI 3403 Intermediate Accounting I***3 credit hours*

(Fall Odd Years) (Prerequisite: BUSI-2413) This intermediate-level course exposes students to more advanced financial accounting concepts, critical thinking skills, and techniques involved in the preparation and analysis of financial statements. Accounting issues are examined from the view of the accountant as well as the managers and investors that use them. Emphasis is placed upon asset valuation, income measurement, and financial statement preparation for businesses and organizations. The course also provides an introduction to proper accounting standards, and discusses the financial consequences that accounting standards have for a firm's stakeholders. Junior standing required.

**BUSI 3413 Intermediate Accounting II***3 credit hours*

(Spring Even Years) (Prerequisite: BUSI-3403) A continuation of the principles and concepts introduced in BUSI-3403, this course further develops students' financial accounting skills. Emphasis in this course is placed on accounting for the equities of a firm's investors and creditors. BUSI-3413 introduces several new topics, including (but not limited to) accounting for intangible assets, current and long-term liabilities, stockholders' equity, and investments. Students are also given exposure to the basic concepts of taxation and auditing. Junior standing required.

**BUSI 3423 Cost Accounting***3 credit hours*

(Spring Odd Years) (Prerequisite: BUSI-2413) This course introduces students to the concepts and approaches of cost accounting. It explores the roles of accounting information in maintaining a firm's strategic position and overall performance. The course explores varying approaches to cost accounting:



standard costing, activity-based costing, and marginal costing, in addition to less common techniques. Course work is designed to demonstrate cost accounting's function for both managerial decisions and sound financial reporting. Additional topics may include: supply chain and value, the theory of constraints, the strategic value chain, the half-life metric for improvement, and the role of accounting in managing quality. Junior standing required.

**BUSI 3433 Income Tax***3 credit hours*

(Spring Even Years) (Prerequisite: BUSI-2413) An introduction to the United States system of income tax, this course places emphasis on the taxation of corporations and business. However, information presented in the course will relate to all taxable entities, including individuals and estates. Students are provided with a framework for understanding the nature of personal income, deductions, and taxable transactions. Common financial transactions are evaluated in terms of their effect on personal income taxes. Work in the course applies research solutions to tax problems, and emphasizes both planning and compliance for personal, professional, and investment decisions.

**BUSI 3503 Advanced Corporate Finance***3 credit hours*

(Fall Even Years) (Prerequisite: BUSI-2503) This course provides a more in-depth look into the concepts essential to successful financial management in contemporary business. The course builds upon the basic concepts addressed in BUSI-2503 to include more specific issues including (but not limited to) risk valuation, cost of capital, capital structure, long-term finance, leasing, mergers, and multinational finance. Students will also be given an introduction to case study problem solving, and will develop critical thinking skills used to fix and improve financial performances.

**BUSI 3513 Investment Banking***3 credit hours*

(Spring Even Years) (Prerequisite: BUSI-2503) The course provides an overview of modern investment banking and the forces that impact it throughout the world. The course will focus upon the primary functions of investment banks: raising of capital for private and public enterprises, restructuring of private enterprises and government entities with investment banks, making markets and providing brokerage services, mergers and acquisitions, trading and investing for the bank's own account, and managing third party assets. The course will examine both the U.S. and global investment industries. Time will also be given to discuss ethical conflicts inherent in investment banking and competition. Course content may vary periodically to reflect changing trends.

**BUSI 3523 Insurance and Risk Management***3 credit hours*

(Prerequisite: BUSI-2503) The course surveys the concept of risk as it applies to both families and corporations, and how it acts as a socio-economic force in modern society. Discusses risk management techniques utilizing insurance to minimize the risks inherent in everyday life and in the workplace. Also addresses institutional arrangements and policies relevant to risk management in the corporate environment. Course concepts include how to neutralize problems caused by termination or suspension of earnings, potential losses of real and personal property values, liability exposure, estate planning, and life insurance.

**BUSI 3543 Commercial Bank Management***3 credit hours*

(Fall Odd Years) (Prerequisite: BUSI-2503) This course explores the key issues facing the managers of commercial financial institutions, focusing primarily on the concerns of bank management. Coursework revolves around the role of the manager as it applies to financial success in the banking industry. Specific course concepts include asset, liability, and capital management, the regulatory environment, supply and demand of loanable funds, structure of interest rates, and the role of the central bank. Students taking BUSI-3543 should have a good background in finance courses prior to enrollment.

**BUSI 3553 Real Estate Finance, Investment & Analysis***3 credit hours*

(Prerequisite: BUSI-3513) The course explores the acquisition and management of commercial properties. Though some residential information will be addressed, primary emphasis will be placed upon commercial property finance and management. However, course concepts will focus upon the key processes of investment, appraisal and finance. The legal framework surrounding the ownership of commercial properties will be discussed when applicable. Salient financial and economic concepts will be addressed, including (but not limited to) valuation and appraisal of property, income, cost and comparable

approach to value, conventional mortgages and creative financing techniques, zoning, easements, restrictions, budgeting, and real estate law as it applies to taxation and commercial ownership.

**BUSI 3573 Estates and Trusts***3 credit hours*

(Prerequisites: BUSI-2503; BUSI-3003) This course has two key objectives: to examine the control of assets through the creation and utilization of trusts, and to show the extent to which property can be managed through estate planning. The course discusses financial planning and estate planning on both the personal and corporate level, and shows students how to integrate estates and trusts into a successful business plan.

**BUSI 3603 Advertising***3 credit hours*

(Spring Even Years) (Prerequisite: BUSI-2603) An overview of advertising, this course provides students with a comprehensive background and the tools to understand and utilize the advertising process. The course gives a brief discussion of the history of advertisement, its impact on modern society, and ethical and legal issues surrounding advertising strategy. The course describes in detail the stages in developing an advertising plan, such as determination of objectives, budgeting, media planning, copywriting, art direction, and copy production. Students completing the course should acquire a good understanding of the processes involved in managing and implementing an ad campaign.

**BUSI 3623 Services Marketing***3 credit hours*

(Prerequisites: BUSI-2603) This course covers the unique characteristics of marketing for not-for-profit organizations. Includes market planning, auditing, organizing, controlling, and evaluating.

**BUSI 3643 Principles of Retailing***3 credit hours*

(Spring Odd Years) (DE only) (Prerequisite: BUSI-2603) Retailing provides the setting for the exchange process in many traditional marketing transactions. This course addresses the skills essential to successful management of retailing establishments. Differing perspectives towards retailing (such as structurally-oriented or demand-oriented) will also be discussed, in addition to a macro-level viewpoint of the retailing industry. Specific topics addressed include operational problems, retail store organization, location analysis, buying, selling, sales promotion, and merchandise handling.

**BUSI 3653 Professional Selling***3 credit hours*

(Spring Odd Years) (Residential Only) (Prerequisites: BUSI-2603) This course is designed to prepare students for a career in professional selling; the course is divided into two segments. In the first segment, students will be introduced to the basic skills necessary for sales professionals to establish long-term, trust-based relationship with their customers. Specific topics include dynamic selling environments, ethical and legal issues, communicating with diverse customers, listening skills, questioning skills, negotiations, prospecting, qualifying prospects, and the process of making a sale. In the second segment, the role and function of sales force management is addressed. Specific topics pertaining to sales force management include selection, training, compensation, motivation, and evaluation of sales personnel.

**BUSI 3663 Consumer Behavior***3 credit hours*

(Spring Even Years) (Prerequisites: BUSI-2603) An analysis of consumer behavior and its impact on marketing strategy in contemporary affairs, this course examines individual and environmental influences on consumer decision-making. The course discusses relevant psychological and sociological theories and demonstrates how they can be used to predict consumers' reactions to strategic marketing decisions. Quantitative methods will be also introduced as they apply to tracking, measurement, and prediction of future trends in consumer activity. Emphasis will be placed upon the implications for developing, executing, and assessing marketing strategy based on consumer trends. How to respond to crises caused by unanticipated shifts in consumer behaviors is also addressed.

**BUSI 3703 Organizational Behavior***3 credit hours*

(Fall Even Years) (Prerequisite: BUSI-2703) This course introduces students to the roles that individuals play in contemporary formal organizations. It examines the determinants and consequences of human behavior in organizations; emphasis is placed upon the group-based, interpersonal, and individual processes that characterize human interaction in any environment. Also stressed are management techniques as they apply to human interaction. Such topics include conflict management, negotiation,

power and politics, managing collaboration across teams, motivating effort, evaluating performance, and giving feedback.

**BUSI 3723 Human Resources Management***3 credit hours*

(Fall Odd Years) (Prerequisites: BUSI-2703) The purpose of this course is to familiarize students with basic principles of human resource management, and to discuss how those principles can be utilized to recruit and maintain an effective workforce. It addresses the strategies, policies, and practices used for effective employee/labor relations in public- and private-sector organizations in both union and non-union settings. The course fosters the understanding that human resource management is an integral part of decision-making and corporate planning strategy. Specific topics include staffing, compensation, performance management, staff development, employee/labor relations, and the legal environment of HRM.

**BUSI 3743 Production & Logistics Management***3 credit hours*

(Prerequisites: BUSI-2503; BUSI-2703) This course provides an introduction to the concepts of productivity and quality improvement as they apply to leadership. The course focuses on the skills needed to effectively manage systems of production in contemporary settings. Coursework requires active student involvement and emphasizes participative leadership skills, data collection, qualitative problem solving, and communication processes. Students completing the course should gain an understanding of the issues and problems that commonly arise in production-oriented businesses and industries. Junior standing required.

**BUSI 3753 Production/Operations Management***3 credit hours*

(Prerequisites: BUSI-2503; BUSI-2703) An introduction to the applied methods of advanced analyses used in industry and operations research. Topics covered may include linear programming, transportation problems, Program Evaluation and Review Technique (PERT)/Critical Path Method (CPM), inventory models, decision analysis, and forecasting.

**BUSI 4203 Multinational Corporate Strategies***3 credit hours*

(Fall Even Years) (Prerequisite: BUSI- 2703; BUSI-3203) This course examines the special nature of the international environment and how it impacts firm strategy and operation, paying attention to the financial, political, and economic complexities of foreign countries. The course analyzes the investment prospects for countries in transition, and discusses methods of entering and growing in foreign markets. The economic forces that push companies into global markets are also addressed. Specific course concepts include opportunity and risk, exporting, licensing, direct investments, globalization, and joint ventures.

**BUSI 4223 International Logistics and Transportation Management***3 credit hours*

(Prerequisite: BUSI-2703; BUSI-3203) This course explores how managers of multinational firms control networks of communication, production, and transportation in overseas markets. The role and function of distribution and supply are discussed, with emphasis placed on the non-obvious barriers that block access to foreign markets. Specific concepts include shipping and transportation, foreign currencies and exchange rate risk, franchising, intellectual properties, foreign subsidiaries, political factors, non-tariff trade barriers, and ethical concerns.

**BUSI 4233 International Business Ethics***3 credit hours*

(Prerequisites: BUSI-2603; BUSI-2703) An overview of the ethical concerns facing managers of multinational firms, this course discusses ethical leadership and corporate responsibility in foreign markets. Emphasis will be placed upon the responsibility multinational managers have to make ethical choices even when operating in nations lacking strict regulatory laws. Philosophical and ethical theories will be presented as they apply personal interaction on the dynamic level. Specific course topics include Kantian ethics and utilitarianism, duty ethics, employee rights, discrimination, labor costs, ethics of hiring and firing, bribery, and ethical systems of different cultures.

**BUSI 4253 International Finance***3 credit hours*

(Spring Odd Years) (Prerequisites: BUSI-3202; BUSI-3503) This course explores the challenges facing the financial manager of a modern multinational corporation, as well as the challenges surrounding international investment; however, emphasis will be placed on the former. The course provides an

overview of the global market environment, and surveys the risks and benefits of international investment that multinational managers must address. Specific topics include market complexity, exchange rate risk, political risk, international monetary systems, financial markets, portfolio management, and capital budgeting, though course content may vary depending upon current crises and trends.

**BUSI 4273 Multinational Marketing***3 credit hours*

(Prerequisite: BUSI-2603; BUSI-3203) An introduction to international marketing, this course provides an overview of marketing strategies used by multinational firms. The emerging trends of globalization and economic union will be discussed in terms of their impact on modern international markets. Legal and ethical backgrounds will also be presented as they apply to overseas corporate strategies. Course concepts include globalization, distribution, promotion, pricing, ethical concerns, intellectual property, non-tariff barriers, and cultural barriers in international marketing.

**BUSI 4403 Auditing***3 credit hours*

(Fall Even Years) (Prerequisites: BUSI-2413) This course introduces students to the basic auditing and assurance services provided by public accounting firms. The course examines the general audit process, discussing the planning, procedures, and judgments needed to render an opinion on an entity's financial statements; and introducing the concepts of evidence, materiality, and risk identification. Topics covered include: generally accepted auditing standards, professional ethics and legal liability in the auditing profession, current litigation, internal control assessment, and various types of audit reports. Course work incorporates case studies of recent major accounting frauds, and emphasizes changing standards in the modern business environment.

**BUSI 4503 Venture Capital & Finance of Innovation***3 credit hours*

(Prerequisites: BUSI 2503; BUSI-3003) An overview of entrepreneurial finance, this course focuses on the methods for funding innovative investments. The course discusses the issues relevant for investors and entrepreneurs interested in venture capital, and highlights the areas in which these groups' interests may diverge. Unlike most finance courses, BUSI 4503 entails largely qualitative study; concepts and theories are stressed as they apply to case studies, and hypothetical scenarios. Specific course concepts include opportunity recognition, valuation and evaluation, negotiation of funding, structure of financing contracts, managing investments, and exit strategy.

**BUSI 4603 Sales Management***3 credit hours*

(Prerequisite: BUSI-2603) Topics covered in this course will include determination of sales objectives, sales planning, sales organization, and sales control. Functional areas of sales management as well as ethical, legal, political, and international aspects of sales management are covered.

**BUSI 4623 Business-to-Business***3 credit hours*

(Prerequisite: BUSI-2603; CISS-1013) A study of the marketing of goods and services to other organizations. Special attention is devoted to the discovery of industrial market needs and their translation into products and services, and development of the industrial marketing mix and its appropriate management.

**BUSI 4633 Internet Marketing***3 credit hours*

(Spring Odd Years) (Prerequisites: CISS-1003; BUSI-2603) Outlines the issues involved in setting up an e-commerce site. Students will apply computer science skills to the conduct of e-commerce with review of the legal, security, commercial, economic, marketing and infrastructure issues involved.

**BUSI 4643 Direct Marketing***3 credit hours*

(Prerequisite: BUSI-2603) This course will examine the concepts, strategies, and applications involved in Direct Marketing. Topics include the scope of direct marketing, strategic planning, offer planning and positioning, direct mail, telemarketing, catalogs, and direct response advertising.

**BUSI 4663 Marketing High Technology Products***3 credit hours*

(Prerequisites: BUSI-2603, CISS-1013) This course covers the unique environment of marketing high technology in modern settings. Currently, large segments of consumer and business-to-business marketing are based on emerging technologies. These technologies not only affect the computer and

biotech industries, but also are essential to other industries, such as financial services. The course applies more traditional elements of marketing strategy (such as market segmentation and targeting, and marketing mix elements) to the context of high technology goods and services. Course goals are centered on developing unique strategies to market technology-based innovations.

**BUSI 4703 Small Business Administration**

*3 credit hours*

(Prerequisites: BUSI 1003; BUSI 2403; BUSI 2703) A study of the processes for starting a business as an alternative to working for a large corporation. American entrepreneurship, private enterprise, and small business enterprise on the national economics scene are studied, along with methods of establishing such a venture, the operation of the growing small business, and the problems confronting the entrepreneur in the small enterprise. Development of a small business plan is a course requirement.

**BUSI 4843 Advanced Financial Accounting**

*3 credit hours*

(Spring As Needed) (Prerequisites: Senior standing required; Department Chair Approval) The capstone course for finance majors, this course is an investigation into complex financial accounting topics including accounting and reporting for business combinations, consolidated financial statements, SEC reporting, international accounting issues, foreign currency translation, governmental and non-profit accounting, accounting for partnerships, and reorganizations and liquidations. The course emphasizes conceptual understanding of the major issues faced by professional accountants, and introduces the roles and qualifications of certified public accountants.

**BUSI 4863 Marketing Strategy**

*3 credit hours*

(Spring As Needed) (Prerequisites: Senior standing required; Department Chair Approval) The capstone course for marketing majors, this course takes an integrative approach to marketing policy and strategy. Students engage directly in case analysis and interpretation of real market data to solve problems. Students will build upon knowledge gained in previous courses to integrate the functions of marketing toward forming strategy decisions and creating a marketing plan. The marketing plan will be integrated into all aspects of the course, and developing it will serve as the final project for the degree program. Marketing students should take this course during the semester prior to graduation.

**BUSI 4873 Executive Leadership & Management**

*3 credit hours*

(Spring Every Year) (Prerequisites: Senior standing required; Department Chair Approval) This course examines the role of the top level of corporate management: the executive, and discusses the traditional and contemporary responsibilities of executive leaders. Discussion revolves around running formal organizations, delegating authority through appropriate channels, and implementing corporate strategies. Much of the coursework involves the use of case studies and practical examples to promote students' problem-solving skills. Course concepts include corporate structure, the nature of authority and leadership, informal organizations, delegation of authority, and technological aides to corporate organization and strategy.

**BUSI 4889 Internship I**

*1- 3 credit hours*

(As needed) (Prerequisites: Department Chair Approval; Senior status) Internship will cover 160-320 hours of employment. Eligibility requirements and further details are available from the department chair. \$50.00 fee required.

**BUSI 4899 Internship II**

*1- 3 credit hours*

(As needed) (Prerequisites: BUSI-4889; Department chair approval; Senior status) Internship will cover 160-320 hours of employment. Eligibility requirements and further details are available from the department chair. \$50.00 fee required.

**BUSI 4959 Special Topics**

*1- 3 credit hours*

(As needed) (Prerequisites: Department chair approval) The course involves an investigation of a special interest area under the guidance of a faculty member.

**BUSI 4969 Special Topics**

*1- 3 credit hours*

(As needed) (Prerequisite: BUSI-4959; Department chair approval) The course involves an investigation of a special interest area under the guidance of a faculty member.

**BUSI 4979 Directed Research***1- 3 credit hours*

(As needed) (Prerequisites: Department chair approval; Senior status) The course involves an in-depth study of a special area of interest proposed by the student.

**BUSI 4989 Directed Research***1- 3 credit hours*

(As needed) (Prerequisites: BUSI-4979; Department chair approval; Senior status) The course involves an in-depth study of a special area of interest proposed by the student.

**CHRISTIAN MINISTRIES****CHMN 1011, 1021 Christian Life and Evangelism I & II (Residential only)***1 credit hour each*

(Fall-I, Spring-II) An in-depth study of how to lead people to Christ. These courses are designed to introduce the student to principles of Christian living and evangelism. Special attention will be given to the theology of all aspects of evangelism, including the follow-up. Various methods of approach and presentation will be considered. Memorizing scripture and communicating the gospel will be emphasized.

**CHMN 1033 Christian Life and Evangelism (DE only)***3 credit hours*

(Fall and Spring) An in-depth study of how to lead people to Christ. This course is designed to introduce the student to principles of Christian living and evangelism. Special attention will be given to the theology of all aspects of evangelism, including the follow-up. Various methods of approach and presentation will be considered. Memorizing scripture and communicating the gospel will be emphasized.

**CHMN 1113 Survey of Christian Education***3 credit hours*

An introductory course addressing age group strategies and methods that can be used in the local church setting.

**CHMN 1213 Introduction to Children's Ministry***3 credit hours*

An overview of the purpose, opportunities, needs, and leadership required for an effective children's ministry, along with an introduction to age group strategies and methods that can be used in the local church setting.

**CHMN 1313 Teaching the Bible to Elementary Children***3 credit hours*

This course is designed to help the teacher implement a Bible curriculum with courses of study, units and individual lessons. Special emphasis will be placed on methods of teaching the Bible and applying its truths to life principles for children.

**CHMN 2113 Discipleship I: Introductory Disciplines in Discipleship***3 credit hours*

(Prerequisites: CHMN-1011 and CHMN-1021; OR CHMN-1033) Discipleship I introduces the student to a biblically, grammatically correct understanding of the Great Commission and initiates the student in the discipling process and practice.

**CHMN 2123 Discipleship II: Developing Disciplines in Discipleship***3 credit hours*

(Prerequisite: CHMN-2113) This course builds on the personal and spiritual management disciplines and on the evangelism disciplines developed in Discipleship I. In addition, this course introduces the training cycle of the disciple in the biblical principles and practices necessary for effective follow-up, teaching, and learning, i.e. the effective discipling of others.

**CHMN 2133 Spiritual Formation***3 credit hours*

A study of the spiritual disciplines, including prayer, Bible study, meditation and solitude, Scripture memorization, fellowship, etc. This includes developing a system of accountability, discerning the will of God, developing one's spiritual gifts, and goal setting.

**CHMN 2213 Special Ministries***3 credit hours*

Introduction to various special children's and youth ministries (often designated summer ministries) with an emphasis on the organization and administration of Vacation Bible Schools, Five-Day Clubs and children's special evangelistic and discipleship programs.

**CHMN 2303 Introduction to Youth Work***3 credit hours*

(Fall only) An introduction to youth ministry within the framework of the local church with emphasis on the qualifications and character of the youth minister. Discipleship, leadership training, development of philosophy, Christian schools and relationships are discussed.

**CHMN 2313 Ministry to Parents of Youth***3 credit hours*

This course will introduce the student to the importance of ministering to and with the parents of teenagers and will give practical ideas in developing a ministry to and with parents.

**CHMN 2343 Youth Discipleship***3 credit hours*

(Spring only) The examination of various programs designed to promote the spiritual development of teens. Students will develop a plan for training adults and teens to serve as leaders in a local church's youth ministry. Students will study different youth programs including camps, retreats, missions trips and evangelistic outreaches.

**CHMN 3043 Church Leadership and Growth***3 credit hours*

Conducted in a conference format, this course will study the roles of the ministerial staff and church leadership that effect growth in the life of the church. This course is designed for church staff and lay leadership alike. Some of the areas covered may include conflict resolution, ethics in leadership, growing church facilities, improving leadership/communication skills, staying the course, and personal spiritual growth and purity. Several relatively young churches that have experienced phenomenal growth will be examined.

**CHMN 3133 Discipleship III: Deepening Disciplines in Discipleship***3 credit hours*

(Prerequisite: CHMN-2123) Personal maturation in the areas of God's will, spiritual reproduction, and interpersonal relationships is developed. How to develop effective Bible studies, pacesetting, disciple selection, and teamwork, and an introduction to leadership principles.

**CHMN 3143 Discipleship IV: Character, Leadership, and Christ***3 credit hours*

(Prerequisite: CHMN-3133) Issues dealing with Christian character and leadership. Includes an overview of the messianic theme of the Bible.

**CHMN 3413 Women in Church History***3 credit hours*

A study of the impact of women on church history from the first century to the present and their influence as wives, mothers, authors, educators, social workers, speakers, composers, missionaries, queens, parachurch leaders, visionaries, and martyrs.

**CHMN 3423 The Christian Woman in Leadership***3 credit hours*

Students will study the role, opportunities, and challenges of the Christian woman as a leader, with special attention to the practical application of the material in a variety of situations that may be faced as a pastor's wife, a missionary, or another leadership role.

**CHMN 3433 Biblical Perspective on Women***3 credit hours*

An in-depth study of all the Scripture passages dealing with the role of women in the church, the family, in the workplace, and in society. In addition, there will be the review of significant women in the Old Testament, the ministry of Christ, and the first century church.

**CHMN 3443 Ministry to Single Women***3 credit hours*

A study of the single woman-unmarried, divorced, widowed-with an emphasis on her needs, interests, activities, programs, and ministry involvement.

**CHMN 3453 Spiritual Formation of Women***3 credit hours*

A study of the spiritual disciplines, including prayer, Bible study, meditation and solitude, Scripture memorization, fellowship, etc. Additional material will include developing a system of accountability, discerning the will of God, journaling, etc with the aim of promoting one's spiritual growth. The emphasis is on the practical application of these disciplines to one's personal life.

**CHMN 3513 Ministry to Adults***3 credit hours*

An analysis of the needs and developmental stages of adults in modern society. Includes a survey of principles of effective programming, adult ministry resources, trends, and practical application of these to the local church.

**CHMN 3613 Christian Education in the Local Church***3 credit hours*

A survey of all the major Christian education ministries in the local church with basic recommendations on how to organize and operate these. Emphasis is given to resources and effective ministry organizations.

**CHMN 3622 Sunday School Administration***3 credit hours*

The principles of organizing and administering a Sunday school for ministry and outreach. The recruitment, training, and motivation of volunteer workers are addressed. Laboratory required.

**CHMN 3633 Teaching the Bible***3 credit hours*

Development of lessons with special emphasis on methods of teaching the Bible and the assimilation of its life principles, adapting methods to the needs and interests of various ages and groups. Some attention will be given to home Bible study classes as well as those within the church or school framework.

**CHMN 4013 Philosophy of Church Education***3 credit hours*

A course designed to aid the student in developing a systematic, Biblical-theistic worldview, as opposed to a humanistic view of life. Application is made to several practical areas of life. Special attention is given to developing a Biblical model for education.

**CHMN 4113 Discipleship V: Implementation Strategies***3 credit hours*

(Prerequisite: CHMN-3143) Strategies necessary for implementing a discipleship ministry in personal and local church settings. Character, commitment, vision assessment and development are addressed.

**CHMN 4313 Current Issues in Youth Ministry***3 credit hours*

This course examines up to date youth culture trends and seeks to guide the student in finding biblical principles to effectively minister to teens.

**CHMN 4423 Preparing and Presenting Messages for Women***3 credit hours*

Training how to research, organize, illustrate, and present messages for women's conferences and retreats, banquets, workshops, etc., including experience in the practical application of Biblical principles to the needs and concerns of today's women.

**CHMN 4443 Developing an Effective Women's Ministry***3 credit hours*

An overview of the opportunities, needs, and purpose of women's ministries, along with specific strategies that can be used both in the local church and in the community. Outreach events, mentoring, women's Bible studies, retreats, and other special programs will be covered, and opportunities for direct participation in women's ministries will be given.

**CHMN 4643 Creative Bible Teaching***3 credit hours*

The presentation of a step-by-step plan for developing life-related Bible lessons. Varied creative approaches to teaching are introduced.

**CHMN 4889 Ministry Internship I***3 credit hours*

(Prerequisite: Department chair approval) Placement in an approved ministry setting for 240 hours of supervised ministry. Students prepare a detailed summary of the internship. \$50.00 fee required.

**CHMN 4899 Ministry Internship II***3 credit hours*

(Prerequisites: CHMN-4889; Department chair approval) Placement in an approved ministry setting for 240 hours of supervised ministry. Students prepare a detailed summary of the internship. \$50.00 fee required.



**CHMN 4959, Special Topics***1-3 credits hours*

(As Needed) (Prerequisites: Department chair approval; senior status) An in-depth study in a specialized area.

**CHMN 4969 Special Topics***1-3 credits hours*

(As Needed) (Prerequisite: CHMN 4959; Department chair approval; senior status) An in-depth study in a specialized area.

## **COMPUTER INFORMATION SYSTEMS**

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**CISS 1003 Computer Fundamentals***3 credit hours*

(Fall and Spring) Introduction to basic computer terminology and basic computer skills using word processing, spreadsheet, email and presentation software. A perspective of computer applications is also provided. \$25.00 fee required.

**CISS 1013 Introduction to Business Information Systems***3 credit hours*

(Spring Every Year) This survey course introduces computer hardware, software, systems, and procedures, and shows their integration and application in the field of business. Individual course concepts include electronic spreadsheets, word processing, problem solving, programming, and the applications of effective database management.

**CISS 1102 Programming Concepts***2 credit hours*

(Spring Odd Years) (Prerequisite: CISS-1003) Course provides an introduction to programming techniques and problem solving, discusses the fundamentals of structured programming, testing, implementation and documentation of applications. The diagramming techniques will also be covered.

**CISS 2103 Visual Basic Programming.NET***3 credit hours*

(Fall Every Third Year) (Prerequisites: CISS-1003; CISS-1102) Provides an introduction to solving problems with the Visual Basic programming language. Discusses the fundamentals of structured programming, testing, implementation, and documentation of applications. The diagramming techniques will also be covered.

**CISS 2202 Hardware Concepts***2 credit hours*

(Spring Even Years) (Prerequisite: CISS-1003) Provides a study of computer organization, architecture, terminology and design. Students will identify and install equipment. Interoperability and configuration of components will be discussed.

**CISS 2403 Data Modeling***3 credit hours*

(Fall Even Years) (Prerequisites: CISS-1003; CISS-1013) An introduction to Data Modeling concepts, Database design, and systems integration. Emphasis will be on database system architecture; data modeling using the entry-relationship model; query languages; functional dependencies and normalization.

**CISS 2502 Technology in Ministry***2 credit hours*

(Prerequisites: CISS-1003) Through hands-on training, church leaders will learn how to use computers and technology to enhance their ministries. Specific areas discussed include record keeping, desktop publishing, Bible Study Methods and sermon preparation, incorporating media ministry into church services, internet use, church-wide communication through email, and the purchasing and maintenance of equipment and software. \$25.00 fee required.

**CISS 3103 C++ Programming***3 credit hours*

(Fall Every Third Year) (Prerequisite: CISS 1003; CISS 1102) Develops students' abilities to solve programming problems through an overview of C++ programming language. This involves design, implementation, and testing of programming assignments.

**CISS 3123 Operating Systems***3 credit hours*

(Prerequisites: CISS-1003, CISS-1102) Provides an overview of features, structure, file handling, and hierarchical data structures of microcomputer operating systems. The basic differences and similarities between operating systems will be discussed.

**CISS 3202 Basic Troubleshooting***2 credit hours*

(Prerequisites: CISS-1003) Provides an overview of basic troubleshooting theory. Students learn to follow a step-by-step procedure for troubleshooting equipment, user, and network problems. Real-life scenarios are used to build technical support knowledge.

**CISS 3302 Networking Fundamentals***2 credit hours*

(Spring Odd Years) (Prerequisite: CISS-1003) Provides an overview of network concepts. Hardware and software necessary to establish and maintain Local Area Networks and Wide Area Networks are reviewed. Topics include network topologies, protocols and evolving network technologies.

**CISS 3503 Systems Analysis and Design***3 credit hours*

(Fall Odd Years) (Prerequisites: CISS-1003; CISS-2202; CISS-2403; CISS-3302) Provides an overview of the system lifecycle. Topics discussed include current system documentation using standard techniques for describing system process and data flow, file and input/output design and program specifications.

**CISS 3603 Security and Ethics***3 credit hours*

(Prerequisites: CISS-1013) Provides a careful analysis of the area of critical security from internal and external threats. Hands-on activities involve the use of both hardware and software solutions. Ethical behavior and pitfalls and strategies for handling different situations are discussed.

**CISS 3703 Web Design***3 credit hours*

(Prerequisite: CISS-1003) Introduces students to the technologies involved when planning, designing, incorporating, and launching a website, including discussions on incorporating graphics, frames, and tables into pages. Also reviews the concepts of Web architectures, and scripting languages.

**CISS 4103 Java Programming***3 credit hours*

(Fall Every Third Year) (Prerequisites: CISS-1003, CISS-1102) Provides an overview of the Java programming language with practical applications using microcomputers. Programming experience is provided with challenging projects related to web-based development.

**CISS 4403 Database Applications***3 credit hours*

(Prerequisites: CISS-1003, CISS-2403) Provides an in-depth review of database design and application development. Students develop a complete database application to solve a realistic problem utilizing modern database development tools.

**CISS 4803 System Project***3 credit hours*

(Spring Every Year) (Prerequisites: Senior standing required; Department Chair Approval) With direction from the instructor, the student develops a complete programming project that integrates knowledge gained in other courses. This course serves as the capstone course for the computer major.

**CISS 4889 Computer Science Internship I***1-3 credit hours*

(As Needed) (Prerequisite: Department chair approval; Senior status) Internship will cover 140-160 hours of employment in computer science. \$50.00 fee required.

**CISS 4899 Computer Science Internship II***1-3 credit hours*

(As Needed) (Prerequisite: Department chair approval; Senior status) Internship will cover 140-160 hours of employment in computer science. \$50.00 fee required.

**CISS 4959 Special Topics***1-3 credit hours*

(As Needed) (Prerequisites: Department chair approval) Investigation of a special interest area under the guidance of a faculty member.

**CISS 4969 Special Topics***1-3 credit hours*

(As Needed) (Prerequisites: CISS-4959; Department chair approval) Investigation of a special interest area under the guidance of a faculty member.

**COMMUNICATION****COMM 1003 Speech Communication***3 credit hours*

(Fall and Spring) The principles and attitudes that are necessary for good communication in the Christian life. Through lectures, exercises and graded experiences, the student is exposed to several of the most common communication situations.

**COMM 2153 Survey of Oral Interpretation***3 credit hours*

(Prerequisite: COMM-1003) Philosophy, planning, teaching methods, current materials evaluations as applied to speech classes in junior and senior high school.

**COMM 2163 Introduction to Communication Theory***3 credit hours*

(Prerequisite: COMM-1003) A survey of theories in the field of human communication. Consideration is given to theories that explain communication behavior between pairs of people, within groups, in organization and in societies.

**COMM 2513 Gender and Media***3 credit hours*

In this course we will look closely at the ways gender is communicated within various cultural and institutional settings, the multiple ways humans communicate within and across gender lines, and the relationships of the two.

**COMM 2523 History of Print and Electronic Media***3 credit hours*

The purpose of this course is to introduce students to the history of media and to the stakes of historical inquiry. Different media emerge within and against different social, economic, perceptual and semiotic conditions that are themselves specific to different historical movements. Only by thinking carefully about transitions and interactions among media and culture in the past can we hope to understand the pace, direction, and character of changes today. The course is roughly chronological, surveying early oral forms of media and ending with anticipations of a digital future. However, it is not a comprehensive survey of media through all time and space: with some exceptions, we will focus primarily on the interchange between media content, media technology, and American life over the past two centuries.

**COMM 2533 Journalism***3 credit hours*

(Prerequisite: COMM-1003) Emphasizes the writing and reporting of news for print, broadcast, and online media. Introduction to newsroom structures and processes, news judgment and decision making.

**COMM 2543 Mass Media and Popular Culture***3 credit hours*

The dramatic experience including styles of theatrical expression, dramatic literature and introductory performance skills.

**COMM 3513 Topics in American Television***3 credit hours*

This course considers the medium of television as being one that informs and is informed by American culture. Focus is given to the development of dominant cultural issues to which television both responds and offers direction.

**COMM 3523 History of Radio***3 credit hours*

This course examines the history of radio broadcasting from its beginning to the present, with emphasis on cultural, technological, and economic backgrounds. Current media structures and policies will be placed in historical perspective.

**COMM 3543 Film Analysis***3 credit hours*

Introduction to film analysis designed to help students develop a visual literacy with regard to film and a critical understanding of how films produce meanings. Focus is on formal analysis of film including elements such as narrative, mise-en-scene, editing, camera movement, and sound and on key critical and theoretical approaches such as neoformalism, socio-historicism, and psychoanalysis. Classical

Hollywood cinema and avant-garde and independent film making traditions are studied in order to focus on the "politics of form." A required film journal helps students develop analytical and critical skills.

**COMM 4523 Writing for Television**

*3 credit hours*

Basic dramatic screenwriting techniques for television and film. Disciplines of plot construction, characterization and dialogue as well as various technical elements are examined.

**COMM 4553 Filmmaking**

*3 credit hours*

The purpose of this course is to introduce students to industry standards of filmmaking. A solid foundation in the core concepts and principles of filmmaking will be stressed. Focusing on the importance of organization and experimentation within the filmmaking process will allow students to expand their creativity while giving them a solid foundation and a working knowledge of project management. This curriculum encompasses film studies through the pre-production to post-production process including writing, directing, shooting, editing, and hands-on exercises geared towards industry production standards.

**COMM 4959 Special Topics**

*1-3 credits hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) An in-depth study in a specialized area.

**COMM 4969 Special Topics**

*1-3 credits hours*

(As Needed) (Prerequisites: COMM-4959; Department chair approval; Senior status) An in-depth study in a specialized area.

## **EDUCATION**

**EDUC 2013 Planning to Teach**

*3 credit hours*

(Fall Only) (Prerequisite: CISS-1003, Sophomore standing) Exploration of the field of education as an opportunity for ministry and life service. Through field experiences, readings, and discussion the student is introduced to the many facets and concerns of school organization, structure, curriculum, and instruction relative to the classroom teacher. The student examines the process of developing units of study and daily lesson plans and various strategies for involving the students (20 hours of field experience required).

**EDUC 2023 Exceptional Children in Regular Classrooms**

*3 credit hours*

(Fall Only) (Prerequisite or Co-requisite: PSYC-2213) Mildly handicapped children, including the mentally challenged, the emotionally disturbed, the physically handicapped, the learning disabled, and the gifted are discussed. Includes descriptions of various handicapping conditions as well as suggestions for meeting needs in a regular classroom. (20 hours of field experience required)

**EDUC 2113 Working with Families of Young Children**

*3 credit hours*

An introductory course for persons interested in providing services for infants, toddlers, pre-schooled and early elementary school aged children, both with and without disabilities, and the relationship between the school and the student families.

**EDUC 2123 Observation and Assessment of Young Children**

*3 credit hours*

(Prerequisites: PSYC 2223) Overview of the assessment process, preliminary assessment skills, and using assessment results in planning for guidance/instruction of young children. Observation in the assessment process will be emphasized

**EDUC 2133 Early Childhood Curriculum Development**

*3 credit hours*

Overview of curriculum and activities that are developmentally appropriate for diverse groups and individual children. Particular emphasis will be placed on lesson and unit planning, emergent curriculum, and the creation and use of learning centers.

**EDUC 3023 Educational Assessment**

*3 credit hours*

(Spring Only) (Prerequisite: STAT 2303; Department Chair Approval; Sophomore standing) Overview of educational measurement theory and student progress for monitoring assessment methodology. Skill

competencies are practiced through the design of monitoring systems for academic instruction. One and two factor analysis of variance designs, contingency analysis, measure of general and linear regression, means, variances, proportions and correlations are emphasized (15 hours of field experience required).

**EDUC 3033 Philosophy of Education**

*3 credit hours*

(Spring Only) (Prerequisite: Department Chair Approval; Sophomore standing) An investigation of the foundations of Christian Education comparing various philosophies of education with Christian education principles and their implications on service as a Christian teacher. The investigation is approached from four views: the philosophical, the historical, the sociological and the Biblical foundations upon which a Christian philosophy of education is built. Current educational positions on a variety of issues are compared with a study of the Scriptural position on these issues. The student will formulate his/her personal philosophy of Christian education consistent with biblical revelation. (15 hours of field experience required)

**EDUC 3103 Administration of Early Childhood Programs**

*3 credit hours*

(Prerequisite: Department Chair Approval; Sophomore standing) Philosophy, objectives and methods for organizing and operating a kindergarten, nursery school, day-care and play group, for children below six years of age. Also includes the planning of pre-school facilities and the selection of equipment and personnel.

**EDUC 3113 Educating the Young Child**

*3 credit hours*

Introduction to the various learning and teaching strategies and theories appropriate for young children. Emphasis is placed on the content, methodology, and materials for enhancing learning, and on creating learning experiences appropriate to early developmental characteristics, such as learning centers and hands-on materials.

**EDUC 3303 Teaching Elementary Art and Music**

*3 credit hours*

(Spring Only) (Prerequisite: Department Chair Approval; Sophomore standing) This course acquaints the student with the principal theories, procedures, and basic materials necessary to the teaching of classroom art and music.

**EDUC 4303 Teaching Language Arts and Reading in the Elementary School** *3 credit hours*

(Fall Only) (Prerequisite: Department Chair Approval; Sophomore standing) Introduces the content, materials, and strategies for the integration of the teaching of the language arts in the elementary school. Emphasis is primarily on the procedures and curriculum for teaching phonics and reading and the use of children's literature in that process. Handwriting is reviewed through a correspondence course. (20 hours of field experience required)

**EDUC 4013 Classroom Management**

*3 credit hours*

Introduces principles and practices of effective classroom management and discipline. Techniques for individual as well as group management are learned through an intensive study of various models, methods, and philosophies of classroom management with emphasis on preventive strategies. Each student develops a personal philosophy of classroom management consistent with Biblical principles. (20 hours of field experience required)

**EDUC 4313 Elementary Methods of Science**

*3 credit hours*

(Fall Only) Introduces students to methodology for teaching science in the elementary school.

**EDUC 4323 Elementary Methods of Social Studies**

*3 credit hours*

(Spring Only) Introduces students to methodology for teaching social studies in the elementary school.

**EDUC 4333 Teaching Mathematics in the Elementary School**

*3 credit hours*

(Fall Only) (Prerequisite: MATH-1013) Introduction to the content, concepts, and skills of the early and middle grades mathematics curriculum program. Instructional methodologies and appropriate materials for teaching mathematics, including manipulatives, textbooks, and teacher-made materials, for promoting problem solving, reasoning, and communication are emphasized.

**EDUC 4713 Secondary School Seminar***3 Credit Hours*

This course is a capstone project where educational performance, philosophy, current issues, and reflective practice are explored and critiqued through technology and media, culminating in an electronic portfolio. (20 hours of field experience required)

**EDUC 4889 Enhanced Student Teaching I***6 credit hours*

(Fall and Spring) (Prerequisite: Major field and teacher education course work completed) Includes observation and teaching for one full semester in at least two different locations under the joint supervision of faculty members of the University and at least two different elementary classroom mentor-teachers. It includes an Education Seminar meeting once each week for readings and discussions of issues pertinent to the practices of teachers. \$50.00 fee required.

**EDUC 4899 Enhanced Student Teaching II***6 credit hours*

(Fall and Spring) (Prerequisite: Major field and teacher education course work completed) Includes observation and teaching for one full semester in at least two different locations under the joint supervision of faculty members of the University and at least two different secondary classroom mentor-teachers. It includes an Education Seminar meeting once each week for readings and discussions of issues pertinent to the practices of teachers. \$50.00 fee required.

**EDUC 4959 Special Topics***1-3 credit hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) An in-depth study in a specialized field in education.

**EDUC 4969 Special Topics***1-3 credit hours*

(As Needed) (EDUC-4959; Department chair approval; Senior status) An in-depth study in a specialized field in education.

**ENGLISH****ENGL 0103 English Fundamentals** (Institutional Credit Only)*3 credit hours*

(Fall and spring) The basics of grammar, sentence structure, and paragraph development prerequisite to college level writing. Students who score 18 or less on the English section of the ACT (440 or less on the SAT) must successfully complete this course as a prerequisite to *English Composition I* (ENGL-1013).

**ENGL 1013 English Composition I***3 credit hours*

(Fall and spring) (Prerequisite: ENGL-0103 or a score of 19 or higher on the ACT English section) Introduction to the principles of effective composition and the application to writing paragraphs and essays on topics related to personal experiences. Grammar and mechanics are taught in relation to writing.

**ENGL 1023 English Composition II***3 credit hours***(PREREQUISITE TO ALL LITERATURE COURSES)**

(Fall and Spring) (Prerequisite: ENGL-1013) English Composition II is a more complex study of rhetorical principles developing the critical essay and formal research paper. Students learn how to read and write critically in response to literary genres (film, poetry, prose, and drama). In addition, students study and apply methods of research to demonstrate skills in developing a thesis and supporting comprehension in reading, expression, and documentation.

**ENGL 2103 British Literature I (Medieval to Renaissance)***3 credit hours*

(Prerequisite: ENGL-1023) The reading of literature from Britain (England and its colonies) from its beginnings through the seventeenth century. The course treats major authors and works in the social and historical context of their times and seeks to relate pertinent values, ideas, and world views expressed therein to theistic and biblical truth.

**ENGL 2113 British Literature II (Restoration/Eighteenth Century to Contemporary)** *3 credit hours*

(Prerequisite: ENGL-1023) The reading of literature from Britain (England and its colonies) from the eighteenth century to the present. The course treats major authors and works in the social and historical

context of their times and seeks to relate pertinent values, ideas, and world views expressed therein to theistic and biblical truth.

**ENGL 2203 American Literature I (Colonial to Civil War)** *3 credit hours*

(Prerequisite: ENGL-1023) The reading of literature from America from its beginnings to the eighteenth century. The course treats major authors and works in the social and historical context of their times and seeks to relate pertinent values, ideas, and world views expressed therein to theistic and biblical truth

**ENGL 2213 American Literature II (Civil War to Contemporary)** *3 credit hours*

(Prerequisite: ENGL-1023) The reading of literature from America from the eighteenth century to the present. The course treats major authors and works in the social and historical context of their times and seeks to relate pertinent values, ideas, and world views expressed therein to theistic and biblical truth.

**ENGL 2303 World Literature I (Ancient to Renaissance)** *3 credit hours*

(Prerequisite: ENGL-1023) The reading of literature from its beginnings through the seventeenth century. The course treats major authors and works in the social and historical context of their times and seeks to relate pertinent values, ideas, and world views expressed therein to theistic and biblical truth.

**ENGL 2313 World Literature II (Enlightenment to Contemporary)** *3 credit hours*

(Prerequisite: ENGL-1023) The reading of literature from the eighteenth century to the present. The course treats major authors and works in the social and historical context of their times and seeks to relate pertinent values, ideas, and world views expressed therein to theistic and biblical truth.

**ENGL 3003 Creative Writing** *3 credit hours*

(Prerequisite: ENGL-1023) The discovery, discussion, and practice of the elusive but essential qualities that characterize imaginative and unique styles in poetry, essays, and short stories. Manuscripts are presented in class to be considered for constructive critical evaluation and comment by the instructor and students.

**ENGL 3013 Business and Technical Writing** *3 credit hours*

(Prerequisite: ENGL-1023) This survey course provides an introduction to the skills necessary for fluent communication in the corporate sphere. The course highlights the emergence and growth of wireless communication technologies and internet tools, and discusses their integration into modern business practice. The role and creation of formal presentations is also addressed. Specific topics may include public speaking, visual media, public relations, interpersonal communications, internet communication, and organizational communications as they apply to corporate networks.

**ENGL 3023 Advanced English Grammar** *3 credit hours*

(Prerequisite: ENGL-1023) A study of descriptive grammar in relation to structure and to the current usage of cultivated and educated minds.

**ENGL 3033 Advanced Composition** *3 credit hours*

(Prerequisite: ENGL-1023) The development and application of the skills of effective writing pertinent to expository and persuasive essays that exhibit logic, coherence, structural soundness, and the exactness in grammar and mechanics characteristic of competent thinking and writing.

**ENGL 3503 Studies in Poetry** *3 credit hours*

(Prerequisite: ENGL-1023) A study of the patterns and developments within poetry drawn from ancient through modern sources. Emphasis is on modern British and American poetry.

**ENGL 3513 Studies in Drama** *3 credit hours*

(Prerequisite: ENGL-1023) The reading of plays representative of the great periods of drama, including Classical, Renaissance, and Modern. Emphasis is placed on modern works to discover the significant trends of thought and dramaturgy.

**ENGL 3523 Studies in Fiction***3 credit hours*

(Prerequisite: ENGL-1023) The reading of selected short stories and novels. Emphasis is placed on the modern era, with discussions on the development of fiction and its various styles and techniques. \$10.00 fee required.

**ENGL 3533 Studies in Literature and Film***3 credit hours*

(Prerequisite: ENGL-1023) The course will examine films as valid literary art forms and will consider the narrative and cinematic implications of films as adaptations of print literature (novels, short stories, etc.).

**ENGL 3603 Children's Literature***3 credit hours*

(Prerequisite: ENGL-1023) An introduction to children's literature. Enduring classics, distinguished contemporary works, and notable Christian writings for children are among some of the aspects that are studied. Characteristics of good literature, illustrations, and illustrators are also examined. \*Note – This course may not be used to fulfill the General Education Humanities/Literature requirement.

**ENGL 3613 Literature for Adolescents***3 credit hours*

(Prerequisite: ENGL-1023) An examination of the selections relevant to middle and high school level readings and discussions of ways to analyze and teach these selections. \*Note – This course may not be used to fulfill the General Education Humanities/Literature requirement.

**ENGL 3703 Studies in Literary Criticism***3 credit hours*

(Prerequisite: ENGL-1023) A survey of the foundations of literature by reading and studying critical essays about the nature, purpose, quality, and kind of literature, beginning with ancient examples and continuing to the present. Texts written by writers and critics from Homer to Sartre are studied.

**ENGL 3713 History of the English Language***3 credit hours*

(Prerequisite: ENGL-1023) A survey of the history of the English language, beginning with its Indo-European background, tracing the development of Old, Middle, and Modern English through major changes in vocabulary, sound, word formation and syntax.

**ENGL 4103 Studies in British Literature***3 credit hours*

(Prerequisite: ENGL-1023) Advanced studies in British Literature from generic, historical, thematic, or theological perspectives not included in the regular curriculum. Topics may change from term to term.

**ENGL 4203 Studies in American Literature***3 credit hours*

(Prerequisite: ENGL-1023) Advanced studies in American Literature from generic, historical, thematic, or theological perspectives not included in the regular curriculum. EX: Southern Literature, Topics may change from term to term.

**ENGL 4303 Studies in Ethnic Literature***3 credit hours*

(Prerequisite ENGL-1023) Advanced studies in literature representing the ethnic diversity of American or world literature from generic, historical, thematic, or theoretical perspectives not included in the regular curriculum. Topics may change from term to term.

**ENGL 4403 Studies in Major Authors***3 credit hours*

(Prerequisite: ENGL-1023) Advanced studies of major and influential authors from various cultures and backgrounds not included in the regular curriculum. Authors may change from term to term.

**ENGL 4803 Senior Seminar***3 credit hours*

(As Needed) An in-depth study of a topic proposed by the students and approved by the department chair. The student will write a paper of 25-30 pages length to demonstrate competency in persuasive writing, research, and critical interpretation. The development, support, and presentation of the topic may serve as a capstone to his or her studies in English.



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### **ENGL 4959 Special Topics**

*1-3 credit hours*

(As needed) (Prerequisite: Department chair approval; Senior status) An in-depth study of any author, genre, or topic within the field of English that may not be offered through another course within the semester.

### **ENGL 4969 Special Topics**

*1-3 credit hours*

(As needed) (Prerequisite: ENGL-4959; Department chair approval; Senior status) An in-depth study of any author, genre, or topic within the field of English that may not be offered through another course within the semester.

### **ENGL 4979 Directed Research**

*1-3 credit hours*

(As needed) (Prerequisite: Department chair approval; Senior status) An in-depth study of any author, genre, or topic within the field of English that may not be offered through another course within the semester.

### **ENGL 4989 Directed Research**

*1-3 credit hours*

(As needed) (Prerequisite: ENGL-4979; Department chair approval; Senior status) An in-depth study of any author, genre, or topic within the field of English that may not be offered through another course within the semester.

## **HISTORY**

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### **HIST 1023 World History**

*3 credit hours*

(Spring Even Year) This course provides instruction and skill development consistent with the University's mission that emphasizes a Christian world view and life view in a "larger context of general education." Students study crucial ideological and transformative encounters in world history. In so doing, students take away a broader global vision of the diverse composition of humanity, and an appreciation of that reality. They also better understand an element of commonality in that diversity. Consequently, students are better prepared to fulfill their responsibilities as citizens and Christian leaders in the postmodern world.

### **HIST 1043 Survey of Western Civilization I**

*3 credit hours*

(Fall Only) A survey of Western Civilization to 1789. The study will begin with the influence of the Ancient Near East and extend to the spreading Western intellectual tradition and the significance of its ideas within a political, historical chronology to 1789.

### **HIST 1053 Survey of Western Civilization II**

*3 credit hours*

(Spring Only) A survey of Western Civilization from 1600 to the present. The study surveys Western intellectual traditions and the significance of their ideas within a political, historical chronology into the modern era.

### **HIST 2013 United States History I**

*3 credit hours*

(Fall Only) Covers the period from 1492 to 1865. Careful study is given to the political, social and economic development of the United States beginning with European discovery. Attention is given to Aboriginal conditions and influence and to factors leading up to the Civil War.

### **HIST 2023 United States History II**

*3 credit hours*

(Spring Only) Covers the period from 1865 to present. Careful study is given to Reconstruction, Native Americans and westward expansion, World Wars I and II, the Cold War and U.S. foreign affairs since 1945.

### **HIST 2103 Introduction to Historical Inquiry**

*3 credit hours*

(Fall Only) Introduction to principles and techniques of historical scholarship. Attention is given to historical thinking, literacy, research, writing and other communication skills. Required for history majors and minors.

**HIST 3003 History and Geography of Tennessee***3 credit hours*

(Fall Even Years) Emphasis on the geographic features of Tennessee with special attention to important historical developments, such as Native American involvement, statehood, Civil War battles, and political activities.

**HIST 3033 Civil War***3 credit hours*

(Fall Odd Years) A survey of the Civil War that blends the most up to date scholarship with fresh interpretations of the war. Students will study events that divided Americans which led to the war and then look at the various campaigns of the war that eventually changed the nation, socially economically as well as politically.

**HIST 3113 Age of the Reformation***3 credit hours*

(Fall Odd Years) A study of the political, social, economic, intellectual, and religious developments of Europe from 1350 to 1650 are considered.

**HIST 3123 History of England***3 credit hours*

(Spring Odd Years) A study of the politics, culture, and religious life of England from the early inhabitants of the British Isles to present-day conditions in Great Britain are surveyed.

**HIST 3213 History of Ancient Greece***3 credit hours*

(Fall Even Years) A study of Greek life from the beginning to the time of Alexander the Great. Special emphasis is given to the development of Greek culture and democracy.

**HIST 3223 History of Ancient Rome***3 credit hours*

(Spring Even Years) A study of the rise of the Roman Republic, its transformation into an empire, and its eventual decline and fall. Special attention is given to the place of Christianity in the empire and the permanent contributions of Rome to Western culture in the fields of law, government, and literature.

**HIST 3313 History and Geography of Biblical Lands***3 credit hours*

(As Needed) A study of the history and geography of the peoples and lands that surround and are related to the Israelites in the Old Testament period and the church in the first century. A special emphasis is given to those peoples who are prominent in the Scriptures.

**HIST 3323 History of the Jews***3 credit hours*

(As Needed) A study of the history of the Jewish people from 539 B.C. to the present. This study examines the Jewish people under Babylonian, Persian, Greek, Roman, Islamic, and European sovereignties; the Jewish people in the New World; and the history of modern Israel. Brief biographical sketches of noted Jewish figures are also included.

**HIST 4003 American Frontier History***3 credit hours*

(Fall Odd Years) A study of the westward movement of the American people from the Atlantic to the Pacific with emphasis upon the different frontiers which were a part of this process. Additional consideration is given to the influence of the frontier upon American politics, economic developments, religious institutions, and culture.

**HIST 4413 Russian History***3 credit hours*

(Spring Odd Years) The study of the history of Russia from the ninth century to the present. Special attention is given to the Bolshevik Revolution and to the rise and fall of the U.S.S.R.

**HIST 4423 History and Politics of East Asia***3 credit hours*

(As Needed) A seminar designed to give the advanced student an understanding of the history and politics of East Asia. Concentrating on China, Japan, and both North and South Korea, the course provides an opportunity to do an in-depth study of the rich history of the region and its importance in the emerging global system.

**HIST 4433 History and Politics of the Middle East***3 credit hours*

(Spring Odd Years) A seminar designed to give the advanced student an understanding of the history and politics of the Middle East. The course provides an opportunity to do an in-depth study of the history, religion, and politics of the region and its importance in the emerging global system especially considering its seemingly constant state of violence.

**HIST 4703 Survey of Church History***3 credit hours*

(As Needed) A survey of the church from the beginning to the present. Emphasis is on the early development, the Reformation period, and modern missionary and evangelistic movements.

**HIST 4713 Early Church History (100-1648)***3 credit hours*

(Fall Only) A consideration of the important events, movements, and individuals characterizing the Ancient, Medieval, and Reformation periods of the church.

**HIST 4723 Modern Church History (1648-Present)***3 credit hours*

(Spring Only) A consideration of the significant events, movements and figures in the Modern and Contemporary periods of Church History.

**HIST 4733 Baptist History***3 credit hours*

(Spring Only) The history of modern-day Baptist churches, along with the distinctives that separate Baptists from other segments of Christianity.

**HIST 4803 History Seminar***3 credit hours*

(Spring Only) An introduction to the methods of historical research and interpretation. Position papers are prepared, delivered, and defended.

**HIST 4959 Special Topics***1-3 credit hours*

(As Needed) (Prerequisite: Department chair approval; Senior status) An in-depth study in a specialized area.

**HIST 4969 Special Topics***1-3 credit hours*

(As Needed) (Prerequisite: HIST-4959 Department chair approval; Senior status) An in-depth study in a specialized area.

## **INTERCULTURAL STUDIES**

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**ICST 1013 Global Focus in the Local Church***3 credit hours*

(Fall Semester) A course introducing the world missions ministry of the local church grounded in the Old Testament and re-commissioned in the New Testament. In addition to presenting the Biblical basis for missions, the course identifies Biblical strategies for developing local church missions ministries that motivate and maximize individual and corporate participation.

**ICST 1023 Introduction to Missiology***3 credit hours*

(As needed) An introductory study of the biblical, historical, and cross-cultural aspects of missions. Particular attention is given to strategic concerns impacting the church's global mission today.

**ICST 2513 Missionary Life & Work***3 credit hours*

(Spring Semester every two years) Fundamentals of missionary life are studied including the missionary call, formal training, relationship of the missionary to his home church, selection of a mission agency, pre-field ministry, cultural adaptation, field ministry, furloughs, re-entry, and retirement. Guest missionary speakers provide the class with direct exposure to personnel who have vast missionary experience.

**ICST 3213 Biblical Theology of Missions***3 credit hours*

(Fall Semester every other year) A Biblical study tracing the history and development of missions from Genesis to Revelation. The application of the Great Commission to the twenty-first century church, the missionary call, the roles of the pastor, local church, and mission agency are explored.

**ICST 3313 World Cults and Religions***3 credit hours*

(Spring Semester every other year) An introduction to the history, beliefs, and practices of major cults and religions that the missionary may face in his ministry.

**ICST 4313 Cultural Anthropology & Cross Cultural Communication***3 credit hours*

(Spring Semester every other year) A study of world cultures including customs, values, social institution, languages, arts, and industries of communicating Christ cross culturally. Students gain an understanding and appreciation for their own culture, as well as other cultures around the world, enabling them to become more effective communicators of the Gospel.

**ICST 4423 Introduction to Church Planting***3 credit hours*

(Fall Semester every other year) A practical study on how to establish churches at home and in cross cultural situations. Scriptural models are taught as a foundation for evaluating methods being used in the United States and various cultures around the world.

**ICST 4889 Missionary Internship***3 credit hours*

(Each semester) (Prerequisites: ICST-1013, ICST-2513, ICST-3213, ICST-4313; Department chair approval) Placement in an approved international missions or urban setting for six weeks (220 hours) of supervised ministry. Students prepare a detailed summary of the internship in addition to fulfilling the reading requirements. \$50.00 fee required.

**ICST 4959 Special Topics***1-3 credits hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) An in-depth study in a specialized area.

**ICST 4969 Special Topics***1-3 credits hours*

(As Needed) (Prerequisites: ICST-4959; Department chair approval; Senior status) An in-depth study in a specialized area.

**INTERDISCIPLINARY STUDIES**

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**INTD 3013 Humanities***3 credit hours*

(Fall and Spring) (Prerequisite: HIST-1043 or HIST-1053) The study of the major characteristics of Western Culture and the evidence of those characteristics in architecture, music, sculpture, literature, painting, and philosophy. Students will experience the professional arts by attending the theater, museum, and concert hall as opportunities arise and as the instructor directs.

**INTD 4703 Interdisciplinary Reading Seminar***3 credit hours*

(Fall Only) Reading and reflecting on discipline-specific literature that will reinforce a biblical world view, enhance critical thinking skills, and broaden subject content knowledge to prepare the student to be an effective leader.

**INTD 4713 Interdisciplinary Senior Project***3 credit hours*

(As Needed) (Prerequisite: INTD-4703) This capstone course is a major research project required of all Interdisciplinary Studies students. It will combine at least two academic disciplines and will be oriented toward the student's future academic or vocational goals.

**INTD 4803 Secondary School Methods – English***3 credit hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) Covers planning, teaching methods and techniques, and evaluation for prospective teachers of English in junior and senior high school. Includes twenty hours of field experience.

**INTD 4823 Secondary School Methods - History***3 credit hours*

(Fall Only) (Prerequisites: Department chair approval; Senior status) Covers planning, teaching methods and techniques, and evaluation for prospective teachers of history and social studies in junior and senior high school. Includes twenty hours of field experience.

**INTD 4843 Secondary School Methods: Mathematics***3 credit hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) Covers planning, teaching methods and techniques, and evaluation for prospective teachers of mathematics in junior or senior high school. Includes twenty hours of field experience.

**INTD 4883 Secondary School Methods –Science***3 credit hours*

(Fall Only) (Prerequisites: Department chair approval; Senior status) Covers planning, teaching methods and techniques, and evaluation for prospective teachers of science in junior or senior high school. Includes twenty hours of field experience.

**INTD 4959 Special Topics***1 - 3 credit hours*

(As Needed) (Department chair approval; senior status) An in-depth study in a specialized area. .

**INTD 4969 Special Topics***1 - 3 credit hours*

(As Needed) (Prerequisite: INTD-4959; Department chair approval; Senior status) An in-depth study in a specialized area.

## **FOREIGN LANGUAGES**

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**Foreign Language Requirement for the Bachelor of Arts Degree**

All students pursuing the Bachelor of Arts degree must complete twelve semester hours of a foreign language. All twelve hours of foreign language credit must be earned in the same language with the exception of Bible majors who may have two semesters of Greek and two semesters of Hebrew.

Students who have taken two years or more of a foreign language in high school with a grade of "C" or better may challenge the first year of that particular language upon entry. (See requirements for Course Challenge.) International students whose native language is Spanish may receive up to six semester hours of credit by taking the Course Challenge test or twelve semester hours of credit by earning a score of 63 or higher on the CLEP examination for Spanish.

**LANG 2003 Spanish I***3 credit hours each*

This course is designed to help students with very little or no Spanish proficiency to understand and use basic Spanish grammar correctly in both written and spoken communication. Students develop control of fundamental grammatical structures including basic tenses, verbs-to-be, parts of speech and their functions.

**LANG 2013 Spanish II***3 credit hours each*

(Prerequisite: LANG-2003) This course is designed to help very limited Spanish proficient students to develop oral fluency and accuracy by improving speaking, listening and pronunciation skills. The course focuses on various aspects of pronunciation including stress, sounds rhythm and intonation so that students can understand and practice basic language functions in oral communication.

**LANG 3003 Spanish III***3 credit hours*

(Prerequisite: LANG-2013 or 2 years high school Spanish) This course is designed to develop the oral and aural skills of intermediate level Spanish proficiency students. Giving in-class presentations and participating in class discussion, and listening and speaking exercises are the focuses of the course.

**LANG 3013 Spanish IV***3 credit hours*

(Prerequisite: LANG-3003 or 3 years of high school Spanish) This course is designed to help students with low intermediate Spanish proficiency to increase reading speed and comprehension through building up academic vocabulary and working with various academic texts. Students expand their abilities to write descriptive, process and comparison paragraphs. The course aims to help students to apply grammatical complexity and accuracy to their writing and speaking.

**LANG 3603 Biblical Greek I***3 credit hours*

An intensive study of grammatical forms (morphology), basic grammatical structures (syntax), and the more common vocabulary of Koine Greek, especially as it is reflected in the New Testament. Selected readings from the Greek New Testament.

**LANG 3613 Biblical Greek II***3 credit hours*

(Prerequisite: LANG-3603) An intensive study of grammatical forms (morphology), basic grammatical structures (syntax), and the more common vocabulary of Koine Greek, especially as it is reflected in the New Testament. Selected readings from the Greek New Testament.

**LANG 3623 Biblical Greek Review***3 credit hours*

(Prerequisite: One year of Biblical Greek) An intensive review of grammatical forms (morphology), basic grammatical structures (syntax), and the more common vocabulary of Koine Greek, especially as it is reflected in the New Testament. Selected readings from the Greek New Testament.

**LANG 4603 Biblical Greek III***3 credit hours*

(Prerequisite: LANG-3613) A continuation of Greek grammar and syntax with readings from selected portions of the Greek New Testament. Special emphasis is placed on syntactical meaning and sentence structure. A standard intermediate grammar is used.

**LANG 4613 Biblical Greek IV***3 credit hours*

(Prerequisite: LANG-4603) A continuation of Greek grammar and syntax with readings from selected portions of the Greek New Testament. Special emphasis is placed on syntactical meaning and sentence structure. A standard intermediate grammar is used.

**LANG 3703 Biblical Hebrew I***3 credit hours*

A fundamental study of the elements of Biblical Hebrew, vocabulary, word forms, grammar, and reading.

**LANG 3713 Biblical Hebrew II***3 credit hours*

(Prerequisite: LANG-3703) A continuation of LANG 3703 with preparation for reading the Hebrew of the Old Testament.

**LANG 3723 Hebrew Review***3 credit hours*

(Prerequisite: One year of Biblical Hebrew) In a scheduled sequence the course reviews all of the first year Hebrew course texts. In addition the student will complete translations of Jonah and Ruth. The course may or may not include vocabulary and grammar quizzes and exams.

**LANG 4703 Biblical Hebrew III***3 credit hours*

(Prerequisite: LANG-3713) Special emphasis is placed on syntactical meaning and sentence structure. A standard intermediate grammar is used. A continuation of LANG-3713 with selected readings from the Hebrew of the Old Testament.

**LANG 4713 Biblical Hebrew IV***3 credit hours*

(Prerequisite: LANG-4703) Special emphasis is placed on syntactical meaning and sentence structure. A standard intermediate grammar is used. A continuation of LANG-4703 with selected readings from the Old Testament.

**MATHEMATICS****MATH 0113 Math Fundamentals I (Institutional Credit Only)***3 credit hours*

(Fall and Spring) (Required of students with scores below 15 on the Math Section of the ACT or below 360 on the Math Section of the SAT.) Topics covered in Math Fundamentals I- Whole Numbers, Multiplying and Dividing Fractions, Adding and Subtracting Fractions, Decimals, Ratio and Proportion, Percent, Geometry. Statistics, The Real Number System

**MATH 0123 Math Fundamentals II (Institutional Credit Only)***3 credit hours*

(Fall and Spring) (Prerequisite: MATH-0113 or scores on the Math Section of the ACT between 15 and 18 or the Math Section of the SAT between 360 and 430. Marginal students (those who score an ACT of 17 or 18 or an SAT of 380 or 430 will be further evaluated for the MATH-0123 requirement based on the level of high school mathematics preparation and the result of diagnostic testing.) Topics covered in Math Fundamentals II- Equations Inequalities and applications, Graphs of Linear Equations and Inequalities in Two Variables, Exponents and Polynomials, Factoring and Applications, Rational Expressions and

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applications, Systems of Linear Equations and Inequalities, Roots and Radicals, and Quadratic Equations.

### **MATH 1023 Survey of Mathematics**

3 credit hours

(Fall and Spring) (Prerequisite: MATH-0123 or scores on the Math Section of the ACT of 19 or higher or the Math Section of the SAT of 450 or higher.) Selected topics will include logic and sets, the real number system, functions and their graphs, probability and statistics.

### **MATH 1113 College Algebra**

3 credit hours

(Fall and Spring) (Prerequisite: MATH-0123 or scores on the Math Section of the ACT of 19 or higher or the Math Section of the SAT of 450 or higher.) The topics of relations and functions, inequalities, polynomials and roots of polynomials, graphs of relations and functions, exponential and logarithmic functions, and complex numbers are studied.

### **MATH 1123 Trigonometry**

3 credit hours

(As Needed) (Prerequisite: MATH-0123 or scores on the Math Section of the ACT of 19 or higher or the Math Section of the SAT of 450 or higher.) Establishes the relationships between triangles, trigonometric ratios, and various circular functions and their graphs. Students learn to apply trigonometry skills to solve problems involving triangles, arcs, circular motion, and vectors. In addition, identities and angle formulas are used to simplify trigonometric expressions and solve equations.

### **MATH 2414 Analytical Geometry & Calculus I**

4 credit hours

(Fall Only) (Prerequisite: MATH-1113 and MATH-1123; **or** 28 ACT (or 1240 SAT) Math Score with high scores in high school algebra, trigonometry, and calculus) An introduction to the concepts of analytical geometry and differential calculus, presenting the ideas of coordinates, functions, curves, and limits. The derivatives of algebraic functions are considered with motivation being given by geometrical and physical interpretations and applications. Topics of integration are introduced, including antiderivatives, Riemann sums, definite integrals and the Fundamental Theorem of Calculus.

### **MATH 2424 Analytical Geometry & Calculus II**

4 credit hours

(Spring Only) (Prerequisite: MATH-2414) A continuation of the concepts introduced in Analytical Geometry and Calculus I. Includes topics on the derivatives and integrals of trigonometric, exponential, and logarithmic functions, applications of integral calculus, methods of integration, indeterminate forms, improper integrals, L'Hopital's Rule, infinite sequences and series, conic sections and plane curves, parametric equations, and polar coordinates.

### **MATH 2434 Analytical Geometry & Calculus III**

4 credit hours

(Fall Only) (Prerequisite: MATH-2424) A continuation of the concepts of analytical geometry and calculus. Topics covered include vectors in space, vector-valued function, functions of several variables and partial derivatives, multiple integration, and vector analysis.

### **MATH 3113 Linear Algebra**

3 credit hours

(Spring Alternate Years) (Prerequisite: Sophomore standing and GPA of 2.00 in math courses) An introduction to the basic notions of linear algebra: matrices and quadratic forms, vector spaces, linear transformations, determinants, systems of linear equations, linear programming, transformations of matrices, orthogonal bases, Markov chains, and related topics. This course involves the study of abstract as well as concrete vector spaces.

### **MATH 3123 Abstract Algebra**

3 credit hours

(Fall Alternate Years) (Prerequisite: Sophomore standing and a GPA of 2.00 in math courses) An introduction to the concepts of Modern Algebra including set theory, axiomatic number systems, rings, and group theory. Aspects include subgroups, normal subgroups, factor groups, and some isomorphism theorems.

### **MATH 3213 Number Theory**

3 credit hours

(Spring Alternate Years) (Prerequisite: MATH-2424) An introduction to the mathematical treatment of questions related to the integers. Fundamental properties of numbers from centuries of mathematical

inquiry as well as newer topics in the subject are discussed. Students are given opportunities to develop their ability in methods of proof.

**MATH 3313 Logic and Sets**

*3 credit hours*

(Prerequisite: MATH-2414) This course provides a foundation for the study of advanced mathematics. Topics explored include sets, relations, functions, cardinality, mathematical logic, and mathematical proofs.

**MATH 3413 Differential Equations**

*3 credit hours*

(Spring Only) (Prerequisites: MATH-2434) An introduction to elementary differential equations and methods of solution. Ordinary differential equations of all types are considered together with applications in geometry and the sciences. Numerical methods of solution and partial differential equations are also introduced.

**MATH 3713 Discrete Mathematics**

*3 credit hours*

(Prerequisite: MATH-2414) This course introduces selected concepts in discrete mathematics. Topics addressed include logic, number theory, modeling, algorithms, counting techniques, combinatorics, recursion, induction, and graph theory.

**MATH 3913 History & Development of Mathematics**

*3 credit hours*

(Fall Alternate Years) (Prerequisite: MATH-1113) The history and development of important mathematical concepts and methods, beginning with origins and continuing through the Middle Ages to contemporary developments. Various philosophies of mathematics are also considered with emphasis placed on the development of a Christian philosophy of mathematics.

**MATH 3993 Math Seminar**

*3 credit hour*

(Fall Alternate Years) (Prerequisites: MATH-3413; Junior standing) Features guest speakers who introduce a variety of current developments and further educational and career opportunities in mathematics, banking, education and research, government, engineering, insurance and industry. An oral presentation and several written reports will be required.

**MATH 4413 Advanced Calculus**

*3 credit hours*

(Spring Alternate Years) (Prerequisite: MATH-3313) A study of the theoretical basis for analysis. A study of the real number system provides the foundation for a reasonably rigorous development of the calculus of functions of a single variable.

**MATH 4423 Foundations of Geometry**

*3 credit hours*

(Fall Alternate Years) (Prerequisites: MATH-2424; Sophomore standing and a GPA of 2.00 in math courses) An introduction to topics of modern geometry, including a survey of the history of geometry, modern elementary geometry, transformation theory, Euclidean constructions, projective geometry, non-Euclidean geometry, and an analysis of the foundations of geometry.

**MATH 4889 Mathematics Internship I**

*3 credit hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) Placement in an approved setting for a minimum of 150 to 160 hours for eight weeks. On-site personnel in addition to departmental personnel supervise the student. \$50.00 fee required.

**MATH 4899 Mathematics Internship II**

*3 credit hours*

(As Needed) (Prerequisites: MATH-4889; Department chair approval; Senior status) Placement in an approved setting for a minimum of 150 to 160 hours for eight weeks. On-site personnel in addition to departmental personnel supervise the student. \$50.00 fee required.

**MATH 4959 Special Topics**

*1- 3 credit hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) An in-depth study in a specialized area.



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**MATH 4969 Special Topics**

*1-3 credit hours*

(As Needed) (MATH-4969; Department chair approval; Senior status) An in-depth study in a specialized area.

**MATH 4993 Math Project and Seminar**

*3 credit hours*

(Prerequisite: Department chair approval; Senior status; MATH 2424) This is a capstone course having two major components: presentation and a project. Students will present current research regarding topics in mathematics and will evaluate the presentations made by other students in the course. Each student will produce a project related to a topic presented in the course.

## **APPLIED MUSIC**

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**MUSA 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080 Concert Attendance**

*0 credit hours*

(Fall and spring) Attendance at Chattanooga Symphony Orchestra Association concerts and other concerts and recitals as prescribed each semester by the department. Required 8 semesters for music majors and 4 semesters for music minors. \$65.00 fee required for each course.

### **Ensembles**

All ensembles are open to all University students regardless of major. Ensembles meet three hours per week. Weigle Concert Choir and many of the special ensembles may be used as touring groups. Students on academic probation may not be in a touring group.

**MUSA 1101, 1111, 1121, 1131, 2101, 2111, 2121, 2131 Weigle Concert Choir** *1 credit hour each*

Choir is open to all students. No audition is required. 8 semesters are required for all music majors.

**MUSA 1141, 1151, 1161, 1171, 2141, 2151, 2161, 2171 Special Ensemble**

*1 credit hour each*

(As needed) Small vocal ensembles or instrumental group.

**MUSA 1701, 1711, 1721, 1731, 2711, 2721, 2731**

**Opera Workshop/Musical Theater**

*1 credit hour each*

(As needed) (Audition required) Principles of Opera and Musical Theater production. A study of musical expression and drama by participating in scenes from major operatic works, full operettas or musical theater productions.

**MUSA 3101, 3111 Weigle Handbell Choir**

*1 credit hour each*

(As needed) Music reading is a prerequisite.

### **Applied Music (Private Lessons)**

**MUSA 1221, 1231, 2221, 2231 Private Piano**

*1 credit hour each*

Thirty-minute private piano lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 3222, 3232, 4222, 4232 Private Piano**

*2 credit hours each*

One hour private piano lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 1321, 1331, 2321, 2331 Private Voice**

*1 credit hour each*

Thirty-minute private lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 3322, 3332, 4322, 4332 Private Voice**

*2 credit hours each*

One-hour private voice lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 1421, 1431, 2421, 2431 Private Guitar**

*1 credit hour each*

An introduction to interpreting and playing pop and jazz styles, using appropriate guitar idioms, stylings and improvisational techniques. Thirty-minute private lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 3422, 3432, 4422, 4432 Private Guitar***2 credit hours each*

Advanced training in interpretation and styles, using appropriate guitar idioms, stylings and improvisational techniques. One hour private lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 1521, 1531, 2521, 2531 Private Instrumental***1 credit hour each*

Thirty-minute private instrumental lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**MUSA 3522, 3532, 4522, 4532 Private Instrumental***2 credit hours each*

One-hour private instrumental lesson each week. Requires consent of the music department chair, attendance in performance classes and 12 lessons. \$360.00 fee required for each course.

**Class Piano/Voice/Guitar/Instrumental****MUSA 1201, 1211 Class Piano***1 credit hour each*

These courses study elementary keyboard reading, rhythm, technique, scales and literature for those with less than a year of formal piano instruction. Classes are limited to six pianists. The course is designed to help the music major prepare for the piano proficiency exam. Requires consent of the music department chair. \$65.00 fee required for each course.

**MUSA 1210, 1220, 1230, 1240, 1250, 1260 Class Piano***0 credit hours each*

These courses study elementary keyboard reading, rhythm, technique, scales and literature for those with less than a year of formal piano instruction. Classes are limited to six pianists. The course is designed to help the music major prepare for the piano proficiency exam. Requires consent of the music department chair. Required until proficiency is met. (Pass/Not Pass) \$65.00 fee required for each course.

**MUSA 1301, 1311 Class Voice***1 credit hour each*

These courses are designed to help the student enjoy singing in a healthy manor. Along the way the student will develop a clear understanding of the fundamentals of good vocal technique. Areas of study include posture, breath management, tone production, (resonance), diction, and performance. \$65.00 fee required for each course.

**MUSA 1310, 1320, 1330, 1340, 1350, 1360 Class Voice***0 credit hours*

These courses are designed to help the student enjoy singing in a healthy manor. Along the way the student will develop a clear understanding of the fundamentals of good vocal technique. Areas of study include posture, breath management, tone production, (resonance), diction, and performance. Required until proficiency is met. (Pass/Not Pass) \$65.00 fee required for each course.

**MUSA 1401, 1411 Class Guitar***1 credit hour each*

An introduction to basic guitar chords, strumming patterns, open position notes and scales, and basic technique. Skills will be applied to performance of simple songs in various styles using melody and accompaniment. Some simple solo arrangements will be included. An acoustic guitar, an electronic tuner, strings, a string winder and picks are required for this course. Prerequisite to private guitar. \$65.00 fee required for each course.

**MUSA 1601 Accompanying I***1 credit hour*

(Fall only) (Prerequisite: Department chair approval) Introduction to the role of the accompanist including study of song literature, stylistic understanding of songs, accompanying techniques, and sight-reading. In addition to classroom study, the pianist performs in scheduled master classes with singers.

**MUSA 1611 Accompanying II***1 credit hour*

(Spring only) (Prerequisite: MUSA-1601; Department chair approval) Continued study in the role of the accompanist. In addition to classroom study, the pianist is assigned two singers and attends the voice lesson, rehearsals, and scheduled repertory classes.

**MUSA 1890 Minor Platform***0 credit hours*

All minors will go before the Music Faculty and be reviewed on their performance in their concentrated area and academic standing. (Pass/Not Pass grade)

**MUSA 2601 Intermediate Accompanying I***1 credit hour*

(As needed) (Prerequisite MUSA-1611; Department chair approval) Continued study into the role of the accompanist. In addition to classroom study, the pianist is assigned two singers and attends the voice lesson, rehearsals, and scheduled repertory classes.

**MUSA 2611 Intermediate Accompanying II***1 credit hour*

(As needed) (Prerequisite MUSA-2601) Continued study in the role of the accompanist. The pianist is assigned to two singers and attends the voice lesson, rehearsals, and scheduled repertory classes.

**MUSA 2890 Minor Recital/Project***0 credit hours*

(Prerequisites: Department chair approval; MUSA-1890) A thirty-minute recital including classical and sacred literature or a project in leading in a worship service.

**MUSA 4882 and MUSA 4892 Church Music Methods and Practicum I/II***2 credit hours each*

(As needed) (Department Chair Approval) Each student will intern through the leadership of the Worship Leader at Highland Park Baptist Church, or an appropriate church in the city for two consecutive semesters during the Junior year. The student will be involved periodically in leadership for chapel services at Tennessee Temple University. Responsibilities include the selection and preparation of all music for singers, instrumentalists, congregational participation, lighting and sound crews, plus rehearsing and performing with the church worship team. Each student will be observed for minimum of five rehearsals and/or worship services per semester. This course requirement may also be met by serving in one of the auditioned praise bands or ensembles for two consecutive semesters with the Music Department Chair and Praise Band Director serving as mentors. \$50.00 fee required each semester

**MUSA-4890 Senior Recital***0 credit hours*

The Contemporary Styles recital will consist of two parts: 1) A thirty-minute recital in the student's major applied area and 2) A worship service in which all musical elements are planned and supervised by the student and the student participates as a member/leader worship leadership team. This service will occur in the final two months of the student's internship and serve as its capstone project. The service will be observed by two faculty adjudicators and will represent 50% of the student's senior recital grade.

**MUSIC****MUSC 1003 Fundamentals of Music***3 credit hours*

(Fall only) (Institutional Credit only) A study of foundational music theory and ear-training techniques, including key signatures, intervals, melodic and rhythmic dictation, scales, chords, and elementary harmony. Class meets three day per week with an additional one hour of music lab. (Pass/Not Pass)

**MUSC 1013 Music Appreciation***3 credit hours*

An introduction to the world of Western European Classical Music, involving Baroque, Classical, Romantic, 20<sup>th</sup> Century, Jazz, and Rock Styles. The course is designed for both the Church Music Major as well as the non-music major, requiring no prerequisites.

**MUSC 1403 Vocal Diction***3 credit hours*

A course designed for voice majors and choral concentration Music Education majors. Includes a study of diction in the English, Italian, Latin, German and French languages. In this course the student will become familiar with the rules of the language, as well as practice to achieve proper stress, pure vowels, and correct consonants while singing in the English, Italian, Latin, German and French languages. The International Phonetic Alphabet will be used to develop these goals.

**MUSC 2203 Music Theory I***3 credit hours*

(Spring Only) (Prerequisite: MUSC-1003; Corequisite: MUSC-2213) Advanced principles of music theory including tonality, modality, figured bass, chord progressions and part writing, functional harmony, non-harmonic tones, cadences, and tonal relationships.

**MUSC 2213 Music Theory II**

*3 credit hours*

(Fall Only) (Prerequisite: MUSC-2203; Corequisite: MUSC-2411) Continued study of advanced harmonic principles including secondary dominants, diminished chords, further harmonic analysis and treatment of 6/4 chords.

**MUSC 2401 Ear Training and Sight Singing I**

*1 credit hour*

(Spring only) (Prerequisite: MUSC-1003; Corequisite: MUSC-2203) Intensified study and development of listening skills including note reading, diatonic progressions and intervallic relationships, rhythm, two-part writing, and simple chromaticism. Includes music lab.

**MUSC 2411 Ear Training and Sight Singing II**

*1 credit hour*

(Fall only) (Prerequisite: MUSC- 2401; Corequisite: MUSA-2213) Continued development of listening skills with increased emphasis on non-diatonic writing, chromaticism, contemporary melody, and advanced rhythm. Includes music lab.

**MUSC 3203 Music Theory III**

*3 credit hours*

(Spring only) (Prerequisite: MUSC-2213; Corequisite: MUSC-3411) Continued study of advanced harmonic principle including augmented sixth chords, Neapolitan sixths, modulation, mode mixture, and introduction to twentieth century practices.

**MUSC 3213 Music Theory IV**

*3 credit hours*

(Fall only) (Prerequisite: MUSC-3203; Corequisite: MUSC-3411) Continued study of advanced harmonic principles.

**MUSC 3401 Ear Training and Sight Singing III**

*1 credit hour*

(Spring only) (Prerequisite MUSC-2411; Corequisite: MUSC-3203) A continuation of Ear Training and Sight Singing II (MUSC-2411).

**MUSC 3502 Contemporary Arranging/Orchestration and Technology**

*2 credit hours*

(Prerequisite MUSC-2213) A course designed to help the student develop skills in arranging and orchestrating contemporary church music style for vocal and instrumental ensembles. The course will also include training in technology including, all types of sound and media enhancements.

**MUSC 3602 Introduction to Conducting**

*2 credit hours*

(Alternating years in Fall with vocal/piano pedagogy) (Prerequisite: MUSC2203; MUSC-2213) An introduction to choral and instrumental conducting techniques of the baton, basic score reading and fundamentals of conducting.

**MUSC 3611 Advanced Accompanying**

*1 credit hour*

For the advanced pianist who wishes to accompany large University groups or ensembles, including Weigle Concert Choir, all touring ensembles, Opera/Musical Theater workshop and weekly chapel services.

**MUSC 3632 Worship in the Church**

*2 credit hours*

(Alternating Spring semester with MUSC-4302) A course designed to help the student develop a biblical theology and philosophy of church music. Areas of study include the nature and philosophy of church music and the arts in worship, edification and evangelism, worship service design and worship leadership.

**MUSC 3712 Piano Pedagogy**

*2 credit hours*

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The techniques and rudiments of teaching piano, including the study of piano literature, teaching materials, and actual studio teaching.

### **MUSC 3713 Vocal Pedagogy**

*3 credit hours*

A survey of vocal teaching materials and techniques from beginning to advanced levels. In addition to the weekly class meeting, students will teach one-half hour lesson per week for an eight-week period over the duration of the semester.

### **MUSC 4302 Hymnology**

*2 credit hours*

(Alternating Spring semester with MUSC-3632) An extensive study of the development of the hymn from the early Church through the present time, the prominent composers, and the varying styles in Protestant denominations.

### **MUSC 4959 Special Topics**

*1-3 credit hours*

(As needed) (Department chair approval; Senior status) An in-depth study in a specialized area.

### **MUSC 4969 Special Topics**

*1-3 credit hours*

(As needed) (MUSC-4959; Department chair approval; Senior status) An in-depth study in a specialized area.

## **PASTORAL MINISTRY**

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### **PAST 3203 Pastoral Theology**

*3 credit hours*

Pastoral Theology is a study of the office and work of the pastor from a Biblical perspective. This course includes a study of the qualifications, roles, and preparation for the office of pastor as well as the various responsibilities, administrative and otherwise, of the New Testament pastor. Attention is given to developing personal health and well-being as well as to issues confronting the contemporary pastor.

### **PAST 3303 Homiletics I**

*3 credit hours*

(Fall only) (Prerequisite: BIBL-2723) Instruction pertaining to the preparation and delivery of sermons. Sermonic structure and outlining are studied. Emphasis is placed upon the development of the preacher's perspective of preaching. Students prepare sermons and deliver them in class under the supervision of the instructor.

### **PAST 3313 Homiletics II**

*3 credit hours*

(Spring only) (Prerequisite: BIBL-3303) Additional instruction in the preparation and delivery of sermons. Emphasis is placed upon the development of the preacher's homiletic and delivery. Students prepare sermons and deliver them in class under the supervision of the instructor.

### **PAST 4203 Pastoral Leadership**

*3 credit hours*

A consideration of the Biblical and practical characteristics of the Christian leader as well as a focus upon responsibilities, relationship to others, and problem areas such as power structure, changes, and conflict management in ministry.

### **PAST 4303 Preaching Workshop I**

*3 credit hours*

(Fall only) (Prerequisite: PAST-3313) Additional instruction pertaining to the preparation and delivery of sermons with special attention given to each of the component parts of the sermon. Various types of sermons are discussed. Students are given additional opportunities to preach.

### **PAST 4313 Preaching Workshop II**

*3 credit hours*

(Spring only) (Prerequisite: PAST-4303) Additional instruction pertaining to the preparation and delivery of sermons with special attention given to each of the component parts of the sermon. Various types of sermons are discussed. Students are given additional opportunities to preach.

### **PAST 4713 Church Administration**

*3 credit hours*

Attention is given to the business of administrating the local church, organizing and equipping the church office with needed files, and developing a thorough Procedures Manual for the church. This is the management work of the pastor and his staff.

**PAST 4889 Pastoral Internship**

3 credit hours

(Prerequisite: Department Chair Approval) Placement in an approved church setting for 240 hours of supervised local church ministry. Students prepare a detailed summary of the internship. \$50.00 fee required.

**PAST 4959 Special Topics**

1-3 credits hours

(As Needed) (Prerequisite: Department chair approval; Senior status) An in-depth study in a specialized area.

**PAST 4969 Special Topics**

1-3 credits hours

(As Needed) (Prerequisites: PAST-4959; Department chair approval; Senior status) An in-depth study in a specialized area.

## **PHYSICAL EDUCATION**

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Physical Education is required of all students except the following:

- Students excused by a physician.
- Veterans with two years of service in the Armed Services

One-hour credit will be granted for every six months of active military service. A maximum of four credits may be earned. A copy of the Certificate of Release or Discharge from Active Duty (DD Form 214) or an official military transcript is required as evidence if credit is desired. The evidence must be presented in the Student Services Center before the end of the student's first semester.

### **Physical Education Activity Courses**

*These courses will satisfy the General Education Core physical education activity course requirement.*

**PHED 1001 Physical Fitness**

1 credit hour

This course is designed to teach the student the elements of personal physical fitness. The student will learn methods of measuring his own degree of physical fitness, goal setting, and different methods for attaining the personal fitness goal. At the completion of the course, the student will be able to set up his own individual program for gaining and maintaining his desired level of physical fitness. Meets 2 hours per week.

**PHED 1011 Beginning Basketball**

1 credit hour

This course includes the development of individual skills in ball handling, shooting, and defense as well as the elements of team play. Individual physical fitness is also stressed. Meets 2 hours a week. *Cannot be taken by an athlete during the basketball season.*

**PHED 1021 Intermediate Basketball**

1 credit hour

(Prerequisite: PHED-1011) This course emphasizes the offensive and defensive strategies of basketball. Drills for basic individual and team play skills are included. Individual physical fitness is stressed in this course. Meets 2 hours a week. *Cannot be taken by an athlete during the basketball season.*

**PHED 1031 Softball**

1 credit hour

This course focuses instruction on the fundamental skills of softball including defensive positioning and game strategy. The physical fitness of each student is stressed. Meets 2 hours a week.

**PHED 1041 Weight Training**

1 credit hour

This course is designed to teach the student the fundamentals of personal weight training. Students learn to develop personal plans with realistic goals that include safety, core strength development, and muscular refinement. Meets 2 hours a week.

**PHED 1051 Bowling**

1 credit hour

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In this course students are taught the basic bowling techniques of approach, ball grip, and delivery as well as score-keeping and game rules. Meets 3 hours a week. Transportation not provided. \$90.00 fee required.

### **PHED 1061 Volleyball**

1 credit hour

This course includes instruction in the fundamental skills of volleyball and the basic strategies for successful game play. Team play and physical fitness will be emphasized. Meets 2 hours a week. *Cannot be taken by an athlete during volleyball season.*

### **PHED 1071 Badminton**

1 credit hour

Instruction in the fundamental skills, rules, and strategies of badminton are the basic elements of this course. Physical fitness of the individual student will be stressed. Meets 2 hours a week.

### **PHED 1081 Day Hiking**

1 credit hour

The outdoor skills necessary to enjoy a day of hiking. Planning and packing for a hike, dressing for the outdoors reading maps, outdoor safety, first aid, on and off trail travel, minimum impact concerns, equipment selection and a natural history of the area. \$40.00 fee required.

### **PHED 1091 Swimming**

1 credit hour

This Red Cross course is for men and women non-swimmers and swimmers who seek to learn to swim or to improve basic swimming skills. Meets 3 hours a week. Transportation not provided. Fee required.

### **PHED 1101 R.A.D. Systems Basic Physical Defense for Women**

1 credit hour

The R.A.D. system is a system of self-defense for women. It advocates realistically employable tactics, without the time investment, ceremony, or mystical concepts of martial arts. This course is for women only. \$25.00 fee required.

### **Intercollegiate Varsity Athletics**

*Note: Intercollegiate varsity athletes may receive a maximum of two credit hours in physical education for varsity participation to be applied at end of the term in which the season is completed. The team coach must submit a Varsity Athletics Validation Form to document participation in sport. These courses will satisfy the General Education Core physical education activity course requirement.*

### **PHED 2201 Varsity Basketball**

1 credit hour

(Spring Only) The course is limited to athletes who are members of the Varsity Men's or Women's Basketball Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

### **PHED 3201 Varsity Basketball**

1 credit hour

(Spring Only) (Prerequisite: PHED 2201) The course is limited to athletes who are members of the Varsity Men's or Women's Basketball Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

### **PHED 2211 Varsity Volleyball**

1 credit hour

(Fall Only) The course is limited to athletes who are members of the Varsity Women's Volleyball Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

### **PHED 3211 Varsity Volleyball**

1 credit hour

(Fall Only) (Prerequisite: PHED 2211) The course is limited to athletes who are members of the Varsity Women's Volleyball Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

### **PHED 2221 Varsity Baseball**

1 credit hour

(Spring Only) The course is limited to athletes who are members of the Varsity Men's Baseball Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

**PHED 3221 Varsity Baseball***1 credit hour*

(Spring Only) (Prerequisite: PHED 2221) The course is limited to athletes who are members of the Varsity Men's Baseball Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

**PHED 2231 Varsity Soccer***1 credit hour*

(Fall Only) The course is limited to athletes who are members of the Varsity Men's or Women's Soccer Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

**PHED 3231 Varsity Soccer***1 credit hour*

(Fall Only) (Prerequisite: PHED 2231) The course is limited to athletes who are members of the Varsity Men's or Women's Soccer Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

**PHED 2241 Varsity Wrestling***1 credit hour*

(Fall Only) The course is limited to athletes who are members of the Varsity Wrestling Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

**PHED 3241 Varsity Wrestling***1 credit hour*

(Fall Only) (Prerequisite: PHED 2241) The course is limited to athletes who are members of the Varsity Wrestling Team. Permission from the varsity coach and the athletic coordinator must be obtained prior to registration for this course.

**Physical Education Professional Courses**

*These courses may not be used to satisfy the general core physical education activity requirement.*

**PHED 1111 First Aid and CPR Certification***1 credit hour*

This Red Cross course instructs students in the basic skills and techniques to help safely and efficiently someone in an emergency situation utilizing standard first aid and CPR techniques. Students may also obtain Red Cross certification with cards for CPR and First Aid. Course time requirement: 8 hours.

**PHED 1303 Human Nutrition, Wellness, and Safety***3 credit hours*

Introductory Nutrition covers the principles of human nutrition. The emphasis of the course is to promote understanding of human nutritional needs for proper growth, development, and life.

**PHED 2102 Lifeguarding***2 credit hours*

(Prerequisite: Red Cross level five swimming ability) This Red Cross course instructs students in the skills and techniques to help safely and efficiently someone in an emergency situation in or around water. Course time requirement: 27 hours. \$100.00 fee required. Transportation not provided.

**PHED 2113 Certified Lifeguarding***3 credit hours*

(Prerequisite: Red Cross level five swimming ability) This Red Cross course instructs students in the skills and techniques to help safely and efficiently someone in an emergency situation in or around water. Course time requirement: 38 hours. \$125.00 fee required. Transportation not provided.

**PHED 2123 Sport First Aid***3 credit hours*

Students learn how to identify, assess, and treat many athletic injuries. Processes for prevention and rehabilitation are also included. This course also provides students with the knowledge and skills necessary to assist in emergency situations that require rescue breathing, CPR, and the Heimlich maneuver. Content further includes handling burns, poisoning, and sudden illness. Students may also obtain Red Cross certification cards for CPR and First Aid. \$30.00 fee required.

**PHED 2413 History of Physical Education***3 credit hours*



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This course covers the historical background and nature of physical education and sport, the evolution of physical education and athletics, and principles for the development of a personal philosophy of physical education.

### **PHED 2603 Teaching Physical Education**

*3 credit hours*

(Prerequisites: EDUC-2013; Junior standing) Designed for those who plan to teach in the public or private sector, this course includes basic curriculum planning with reference to the growth and development of the athlete, group and individual behavior management, lesson planning, and applied pedagogical theory. 10 hours of field experience is required as a part of the course.

### **PHED 3403 Sports Sociology**

*3 credit hours*

Course content includes in-depth analysis of the people and culture of sport. Topics include violence, financial elements, gender issues, and race issues that impact athletes as well as the influences of mass media on the game, its supporting publics, and its participants.

### **PHED 3413 Sports Psychology**

*3 credit hours*

The content of this course includes the concepts associated with the athlete and his commitment to sport; the varying philosophies of individual, team, and game play; and the self-efficacy that motivates the athlete to achieve. The course includes both theory and practical application designed to enhance one's ability to coach effectively.

### **PHED 3423 Counseling Student Athletes**

*3 credit hours*

(Prerequisite: PSYC-1003 or PSYC-2213) The psychological needs of student athletes are both similar to and different from the needs of other students. This course provides coaches with skills and techniques to help student-athletes deal with the stresses of competition, personal expectations, and hormone based reactions to participation in sport.

### **PHED 3603 Organization and Administration of Sport**

*3 credit hours*

This course is designed to teach the basic skills of managing sport, physical education, and fitness programs. Sport law, theory, philosophy, effective documentation, and interpersonal skills are included as they are applied to the public and private sectors.

### **PHED 3702 Officiating Team Sports**

*2 credit hours*

This course includes the rules for officiating specific team sports as well as the professional and ethical responsibilities of the officiate. The skills and requirements for managing intramural and interscholastic play are also included.

### **PHED 4603 Coaching Methods**

*3 credit hours*

This course includes the development of personal skills in planning, drill, athlete motivation, assessment, and specific development techniques for sport skills as well as the psychology and philosophy of coaching. The student will articulate a personal philosophy for coaching as it applies to a specific sport.

### **PHED 4879 Coaching Practicum**

*1 credit hour*

A field-based experience, this course requires the student to complete a minimum of 50 hours coaching one or more sport teams as an intern under the supervision of an experienced mentor. Permission from the department chair and placement in the field must be secured prior to registration for the course. \$50.00 fee required.

### **PHED 4959 Special Topics**

*1-3 credit hours*

(Prerequisites: Department chair approval; Senior status) An individualized approach for students to study specific topics of need or interest. The student will develop a proposal that includes the intent of the study, the outcome of the study, and a recommendation of how the outcome should be assessed.

### **PHED 4969 Special Topics**

*1-3 credit hours*

(Prerequisites: PHED-4959; Department chair approval; Senior status) An individualized approach for students to study specific topics of need or interest. The student will develop a proposal that includes the

intent of the study, the outcome of the study, and a recommendation of how the outcome should be assessed.

## **PHILOSOPHY**

### **PHIL 2013 Biblical World View**

*3 credit hours*

(Fall and Spring) The Biblical principles that are necessary for a Christian view of life. Application is made to all major academic disciplines, as well as other general areas of life.

### **PHIL 2023 Introduction to Philosophy**

*3 credit hours*

The living issues of philosophy, including the nature of the world in which we live, the place of man in the world, and types of philosophy are considered.

### **PHIL 3013 Ethical Issues in Competing World Views**

*3 credit hours*

This course will deal with issues such as abortion, euthanasia, the environment, cloning, genetic engineering, homosexuality, racism, religious liberty and church-state issues and how Biblical truth instructs our understanding of these issues.

### **PHIL 4959 Special Topics**

*1-3 credits hours*

(As Needed) (Department chair approval; Senior status) An in-depth study in a specialized area.

### **PHIL 4969 Special Topics**

*1-3 credits hours*

(As Needed) (Prerequisites: PHIL-4959; Department chair approval; senior status) An in-depth study in a specialized area.

## **PSYCHOLOGY**

***(PSYC-1003 OR PSYC-2213 IS PREREQUISITE TO ALL OTHER PSYCHOLOGY COURSES)***

### **PSYC-1003 General Psychology**

*3 credit hours*

(Fall and Spring) An introduction to the scientific method in the study of human relationships. Attention is given to factors influencing behavior, including the physical organism, human development, learning, perception, motivation, emotion, and frustration.

### **PSYC-2213 Human Growth and Development**

*3 credit hours*

(Fall and Spring) A study of human development from a life span perspective, surveying all stages of development from conception to death.

### **PSYC-2223 Infant & Child Development**

*3 credit hours*

(Spring Only) (Prerequisite: PSYC-1003 or PSYC-2213) A study of the physiological, psychological, and spiritual growth of the child from conception to the preadolescent level. Developmental research is emphasized.

### **PSYC-2233 Adolescent Development**

*3 credit hours*

(Fall Only) (Prerequisite: PSYC-1003 or PSYC-2213) Recent research dealing with adolescents is studied, with emphasis placed on the interaction of cultural, social, and personal family variables. Spiritual variables are integrated into the developmental process.

### **PSYC 2313 Experimental Psychology**

*3 credit hours*

(Spring Only) (Prerequisites: 12 hours of psychology) An introduction to psychological research, past and present, with emphasis placed on experimental methodology and research design. A laboratory course: two hours lecture, one hour lab.

### **PSYC 3313 Psychological Testing and Evaluation**

*3 credit hours*

(Spring Only) (Prerequisite: PSYC-1003 or PSYC-2213) A study of the psychological tests of intelligence, achievement, aptitude, and personality, and their applicability, reliability, and validity as counseling tools.

### **PSYC 3413 Abnormal Psychology**

*3 credit hours*

(Fall Only) (Prerequisite: PSYC-1003 or PSYC-2213) A survey of human psychological conditions commonly understood to be pathological with a Christian perspective on these disorders.

**PSYC 3613 Educational Psychology***3 credit hours*

(Fall and Spring) (Prerequisite: PSYC-2213) A study of the three interrelated concerns in the teaching-learning process: the students, the teacher, and the classroom strategies. The student explores the characteristics and growth of students in intellect, personality and character, as well as individual differences in ability and motivation. The student learns how teacher characteristics, as well as teaching strategies, affect the teaching-learning process.

**PSYC 3623 Social Psychology***3 credit hours*

(Spring Only) (Prerequisite: PSYC-1003 or PSYC-2213) A study of how people feel, behave and think in social situations in our culture with explanations from a secular and Christian viewpoint.

**PSYC 3633 Industrial and Organizational Psychology***3 credit hours*

(As Needed) (Prerequisite: PSYC-1003 or PSYC-2213) An introduction to the principles of personnel behavior as they relate to employee selection, training, supervision, motivation, morale, and reactions to working conditions.

**PSYC 3643 Preventive Stress Management***3 credit hours*

(As Needed) (Prerequisite: PSYC-1003 or PSYC-2213) A study of the factors that affect stress, such as low self-esteem, overall physical and mental health, and motivational and value systems, and offers solutions for the prevention and management of stress in the student's life and the lives of others.

**PSYC 3713 Fundamentals of Biblical Counseling***3 credit hours*

(Fall Only) (Prerequisite: PSYC-1003 or PSYC-2213) A study of the biblical perspective of change in the client and counselor along with developing interpersonal skills to enhance personal ministry with others.

**PSYC 3723 Contemporary Issues in Counseling***3 credit hours*

(Spring Only) (Prerequisites: PSYC-1003 or PSYC-2213 and PSYC-3713) This course applies counseling skills to specific individual and relationship problem areas. It builds on the skills and theory developed in PSYC-3713. Topics addressed vary according to need and interest.

**PSYC 3733 Crisis Intervention***3 credit hours*

(Fall Only) (Prerequisite: PSYC-1003 or PSYC-2213) A study of a variety of crisis situations that people in our society face along with the development of skills to intervene in such situations.

**PSYC 4423 Theories of Personality***3 credit hours*

(As Needed) (Prerequisite: 9 hours of Psychology courses) An analysis of the development and organization of personality, an evaluation of major theoretical viewpoints, and a review of research on personality structure, dynamics, and change. Theoretical and methodological characteristics of counseling techniques are reviewed.

**PSYC 4613 Human Learning***3 credit hours*

(As Needed) (Prerequisite: PSYC-1003 or PSYC-2213) The important theoretical positions in the psychology of learning, such as behavioristic explanations (concerned with stimuli and responses and the relationships between them) and cognitive explanations (concerned with perception, information-processing, decision making, memory, attention, motivation, and artificial intelligence.)

**PSYC 4713 Premarital and Marriage Counseling***3 credit hours*

(As Needed) (Prerequisite: PSYC-1003 or PSYC-2213) Biblical counseling techniques for assisting couples in premarital counseling. The emphasis will be on preventing marital problems and conflict resolution, with special attention given to contemporary marital issues.

**PSYC 4723 Theories of Counseling***3 credit hours*

(Spring Only) (Prerequisite: 12 hours of Psychology courses or Department Chair approval) A study of the major contemporary theories utilized in the counseling field and evaluated from a biblical worldview.

**PSYC 4813 Psychology Seminar/Systems***3 credit hours*

(Spring Only) (Prerequisites: 21 hours of Psychology courses; Department Chair approval) An integration and re-emphasis of the preceding psychology courses and a historical review of important systematic positions in psychology. A reading and discussion course for psychology majors culminating with a comprehensive examination.

**PSYC 4823 Psychology Practicum I***3 credit hours*

(Fall and Spring) (Department chair approval; Senior status) Practical experience in a specialty area through volunteer work in an approved organization. Supervision and classroom sharing for one hour per week reinforce the practical experience. \$50.00 fee required.

**PSYC 4833 Psychology Practicum II***3 credit hours*

(Fall and Spring) (Prerequisites: PSYC-4823; Department chair approval; Senior status) Practical experience in a specialty area through volunteer work in an approved organization. Supervision and classroom sharing for one hour per week reinforce the practical experience. \$50.00 fee required.

**PSYC 4959 Special Topics***1 - 3 credit hours*

(As Needed) (Prerequisites: 15 hours of Psychology courses; Department chair approval) An in-depth study in a specialized area under the guidance of a faculty member.

**PSYC 4969 Special Topics***1 - 3 credit hours*

(As Needed) (Prerequisites: PSYC-4959; 15 hours of Psychology courses; Department chair approval) An in-depth study in a specialized area under the guidance of a faculty member.

**SCIENCE****SCIE 1004 Principles of Physical Sciences***4 credit hours*

(Every Fall) A study of the basic facts and principles of physics, chemistry, and other physical science areas. Students study important content and how scientists arrive at conclusions. Experimentation and numerical measurement are discussed and demonstrated by individual projects utilizing the scientific method. Laboratory (SCIE-1004L) and \$60.00 lab fee required.

**SCIE 1014 General Physics I***4 credit hours*

(Fall Alternate years) (Co-Prerequisites: MATH-1113; MATH-1123 or high school trigonometry) A comprehensive introduction to classical physics. Topics include force balances, Newton's law of gravitation, energy conversion, conservation of momentum, properties of fluids, phase changes, and gas laws. Laboratory (SCIE-1014L) and \$60.00 lab fee required.

**SCIE 1024 General Physics II***4 credit hours*

(Spring Alternate Years) (Prerequisite: SCIE-1014) A continuation of General Physics I. Topics include thermodynamics, entropy, acoustics, electricity and magnetism, electromagnetic radiation, optics, and radioactivity. Laboratory (SCIE 1024L) and \$60.00 lab fee required.

**SCIE 1104 General Chemistry I***4 credit hours*

(Fall Alternate Years)(Prerequisite: MATH-1113) A comprehensive introduction to chemistry. Topics include the mole concept, chemical reaction stoichiometry, solutions, gas laws, thermochemistry, quantum theory, chemical bonding, and phase changes. Laboratory (SCIE-1104L) and \$60.00 lab fee required.

**SCIE 1114 General Chemistry II***4 credit hours*

(Spring Alternate Years) (Prerequisite: SCIE-1104) A continuation of General Chemistry I. Topics include chemical equilibrium, acids and bases, electrochemistry, reaction rates, nuclear chemistry, and introductory organic chemistry. Laboratory (SCIE-1114L) and \$60.00 lab fee required.

**SCIE 1204 Principles of Biology***4 credit hours*

(Every Spring) This course emphasizes understanding of the basic facts and principles of biology and the methods by which scientists arrive at conclusions in these areas. Students will learn important content as well as experience and demonstrate the scientific method and experimentation with individual projects. Lab (SCIE 1204L) and \$60.00 lab fee required.

**SCIE 1214 General Biology I***4 credit hours*

(Every Fall in Residence; Always Online) A survey of the basic principles of biology. Topics include the cell, cell division, genetics, the chemical basis of life, origins, a taxonomic survey, and plant biology. Laboratory (SCIE-1214L) and \$60.00 lab fee required.

**SCIE 1224 General Biology II***4 credit hours*

(Every Spring) (General Biology I is not a prerequisite to this course.) A survey of the basic principles of biology. Topics include animal structure and physiology (discussed body system by body system), animal behavior, and ecology. Laboratory (SCIE-1224L) and \$60.00 lab fee required.

**SCIE 1304 General Botany***4 credit hours*

(As Needed) (Prerequisite: SCIE-1214; SCIE-1224) The plant kingdom, emphasizing the anatomy, physiology, taxonomy, and ecological significance of selected plants. The importance of plants as producers is also stressed. Laboratory (SCIE-1304L) and \$60.00 lab fee required.

**SCIE 2104 Organic Chemistry I***4 credit hours*

(Fall Alternate Years) (Prerequisites: SCIE-1104, SCIE-1124) The chemistry of carbon covering the structure, nomenclature, physical properties, preparation and reactions of organic compounds. The laboratory emphasizes basic skills in synthesis, isolation, and identification of organic substances. Laboratory (SCIE-2104L) and \$60.00 lab fee required.

**SCIE 2114 Organic Chemistry II***4 credit hours*

(Spring Alternate Years) (Prerequisite: SCIE-2104) A continuation of SCIE-2103 with special emphasis on biologically important compounds. Laboratory emphasis is qualitative analysis of organic compounds. Laboratory (SCIE-2114L) and \$60.00 lab fee required.

**SCIE 2304 Scientific Origins***4 credit hours*

(Module) A study of origins from philosophical, scientific, and societal perspectives. Topics include geology, natural selection, astronomy, paleontology, anthropology, and molecular biology. Laboratory (SCIE-2304L) and \$110.00 lab fee required.

**SCIE 2314 Ecology***4 credit hours*

(Spring Alternate Years) (SCIE-1224 preferred, but not required) The principles of ecology including the ecosystem, food chains, energy flow, adaptation, and the biotic and abiotic components of the biosphere. Attention given to man's role in the balance of nature and in the best use of natural resources. Laboratory (SCIE 2314L) and \$60.00 lab fee required.

**SCIE 2404 Human Anatomy and Physiology I***4 credit hours*

(Fall Alternate Years) (Prerequisite: 1224 preferred, but not required) Introduction to the structure and function of the human body at the microscopic and gross levels. Areas of study include the language of anatomy, cells and tissues, bones, muscles, joints, and the nervous system. Laboratory (SCIE 2403L) and \$60.00 lab fee required.

**SCIE 2414 Human Anatomy and Physiology II***4 credit hours*

(Spring Alternate Years) (Prerequisites: SCIE-1224 and SCIE-2404; Department chair approval) Continued study of the structure and function of the human body. Topics include respiratory, lymphatic, immune, digestive, urinary, and reproductive systems (including an overview of embryology). Laboratory (SCIE-2413L) and \$60.00 lab fee required.

**SCIE 2424 Comparative Anatomy***4 credit hours*

(As Needed) (Prerequisites: SCIE-1224 preferred, but not required; Department chair approval)

Comparison of invertebrate life with vertebrate life at the anatomical level leading up to behavioral differences. Physiological and ecological perspectives will be used to discuss a wide variety of selected invertebrates, fishes, amphibians, reptiles, birds, and mammals. Laboratory (SCIE-2424L) and \$60.00 lab fee required.

**SCIE 3103 Biochemistry**

*3 credit hours*

(Fall Alternate Years) (Prerequisite: SCIE-1214 and SCIE-2114) The study of the chemistry of life. Topics include protein structure and function, DNA, RNA, enzymes, carbohydrates, sugars, metabolic cycles, fatty acids, biological membranes, lipids, hema, nucleotides, genetic information processes, molecular immunology, membrane transport, hormone action, viruses, and oncogenes.

**SCIE 3503 Microbiology**

*3 credit hours*

(Fall Alternate Years) (Prerequisite SCIE-1214 or permission of instructor) Pathogenic, parasitic, saprophytic, and autotrophic forms of protozoan, bacteria, algae, and fungi are viewed with attention given to their structure, function, and habitat.

**SCIE 3513 Cell Biology**

*3 credit hours*

(Fall Alternate Years) (Prerequisite: SCIE-1214 or permission of instructor) Cell organelles and cell physiology. Topics include biochemistry, enzyme kinetics, energy conversion, and molecular genetics.

**SCIE 3523 Molecular Biology**

*3 credit hours*

(Spring Alternate Years) (Prerequisite: SCIE-1214 or permission of instructor) An introduction to the biological world at the molecular level. The focus of the class will be guided by the central dogma of molecular biology to understand the relationship of DNA, RNA, and protein in a cell.

**SCIE 3603 Genetics**

*3 credit hours*

(Spring Alternate Years) (Prerequisite: SCIE-1214 or permission of instructor) Probability, Mendelian ratios, genetic coding, recombination, protein synthesis, molecular genetics and the practical application of genetic principles are studied.

**SCIE 4603 Developmental Genetics**

*3 credit hours*

(As Needed) (Prerequisite: SCIE-3603) An introduction to the underlying genetic basis for development of several model organisms. Emphasis will be placed on how gene expression is controlled through various mechanisms between different cell types throughout embryo development and beyond.

**SCIE 4613 Human Genetics**

*3 credit hours*

(As Needed) (Prerequisite: SCIE-3603) This course will focus on many genetic disorders. Specifically, various approaches will be discussed as to how disease genes are mapped, identified, and treated using various genetic engineering strategies.

**SCIE 4703 Bacterial Pathogenesis and Immunology**

*3 credit hours*

(As Needed) (Prerequisite: SCIE-3503) An overview of the different strategies bacteria use to cause disease. Disease strategies will be understood in terms of the bacteria and its host's immunologic response. A broad number of pathogenic bacteria will be studied.

**SCIE 4713 Bacterial Physiology**

*3 credit hours*

(As Needed) (Prerequisite: SCIE-3503) This course will examine the underlying metabolic, catabolic, genetic, and ecological principles that guide bacterial growth.

**SCIE 4723 Virology**

*3 credit hours*

(As Needed) (Prerequisite: SCIE-4703) An overview of the different mechanisms viruses use to subvert host processes and cause disease. Basic virus survival will be examined using specific, representative viruses including DNA and RNA viruses.

**SCIE 4959 Special Topics**

*1-3 credits hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) An in-depth study in a specialized area in the biological or physical sciences.

**SCIE 4969 Special Topics***1-3 credits hours*

(As Needed) (Prerequisites: SCIE-4959; Department chair approval; Senior status) An in-depth study in a specialized area in the biological or physical sciences.

**SOCIAL STUDIES**

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**SOST 2003 Introduction to Sociology***3 credit hours*

(Spring Only) Principles of social activity, the structure of human groups, as well as nature of social interaction, social progress, and social changes serve as an introduction to sociology.

**SOST 2203 Introduction to Political Science***3 credit hours*

(Fall Only) Political processes, institutions of contemporary societies, and an introduction to the concepts and methods of political science are introduced.

**SOST 2403 World Regional Geography***3 credit hours*

(Spring Only) A survey of the relationship of man to his physical and cultural surrounding in the modern world.

**SOST 3003 Social Institutions***3 credit hours*

(As Needed) The origin, development and functions of society's major institutions, together with a study of the relationships existing between them.

**SOST 3023 Social Problems***3 credit hours*

(As Needed) A Christian approach to the analysis of current social problems and suggestions for solving these major social problems are discussed.

**SOST 3103 Food and Culture***3 credit hours*

(As Needed) A study of the influence of cultural pattern on food habits evident in acceptable food sources, service, preparation and preservation.

**SOST 3203 History of American Government***3 credit hours*

(Fall Only) The organization, process, and functions of the national government including contemporary issues and problems are considered.

**SOST 3213 State & Local Government***3 credit hours*

(As Needed) A study of the political processes, government, and administration of American states, counties, and municipalities. Consideration is given to the implications of Council of Governments and consolidation.

**SOST 3233 Political Geography***3 credit hours*

(As Needed) Major economic and political structures and geo-political implications of the major regions of the modern world are considered.

**SOST 3243 Political Sociology***3 credit hours*

(As Needed) (Prerequisites: SOST-2003; SOST-2203) A study of man in his political and social situation with emphasis on power, participation, and ideology. Also considered is the contrast of Christianity with Marxism.

**SOST 3603 The Family***3 credit hours*

(As Needed) A general structure of growth, development, and problems of the modern family including the relationship between members of the family and their social problems.

**SOST 3623 Parenting***3 credit hours*

(As Needed) Explores the theories, trends, concepts, strategies and realities of effective parenting beginning with conception and continuing throughout the lifecycle.

**SOST 3643 Family Finances***3 credit hours*

(As Needed) Theory and application of financial management related to the family throughout the life cycle. Place and function of decision-making in realizing values and economic goals for the benefit of the family.

**SOST 3663 Balancing Work & Family**

*3 credit hours*

(As Needed) The management of resources in balancing the multiple roles and responsibilities of family members. Includes the application of critical thinking to resolve issues, prioritize and set goals.

**SOST 4959 Special Topics**

*1-3 credit hours*

(As Needed) (Prerequisites: Department chair approval; Senior status) An in-depth study in a specialized area.

**SOST 4969 Special Topics**

*1-3 credit hours*

(As Needed) (Prerequisites: SOST 4959; Department chair approval; Senior status) An in-depth study in a specialized area.

## **STATISTICS**

**STAT 2303 Introduction to Statistics**

*3 credit hours*

(Fall Only) An introduction to the use of statistical methods in the analysis of practical applications in business, education, psychology, and the social sciences. Topics covered include descriptive statistics (frequency distributions, central tendency measures, variability, normal curve transformations, and probability) and inferential statistics (parameter estimates, hypothesis testing, research methodology, the t-test for difference, correlation, analysis of variance, chi-square).

## **THEOLOGY**

**THEO 3113 Bible Doctrines I**

*3 credit hours*

(Fall only) (Prerequisite: BIBL-1113, 1413) A study of the Biblical doctrines of the Scriptures, God (including the Trinity and God the Father), the Lord Jesus Christ, and the Holy Spirit. \$25.00 fee required.

**THEO 3123 Bible Doctrines II**

*3 credit hours*

(Spring only) (Prerequisite: BIBL-1113, 1114) A study of the Biblical doctrines of angels (including Satan and fallen angels), mankind, sin, salvation, the church, and last things (future things). \$20.00 fee required.

**THEO 3313 Bibliology**

*3 credit hours*

(Fall only, alternating years) A study of the meaning and significance of revelation, inspiration, illumination, and the canonicity of the Bible.

**THEO 3323 Theology Proper and Pneumatology**

*3 credit hours*

(Spring only, alternating years) An examination of the Biblical doctrine of God, including the Trinity, God the Father, and God the Holy Spirit.

**THEO 3333 Christology and Soteriology**

*3 credit hours*

(Spring only, alternating years) A study of the nature and work of the Lord Jesus Christ, including His preincarnate state, His incarnation, His earthly life and ministry, and His crucifixion and resurrection. Also included is a study of the Biblical doctrine of salvation.

**THEO 3343 Angelology, Anthropology and Hamartiology**

*3 credit hours*

(Fall only, alternating years) An examination of the Biblical doctrine of angels (including Satan and fallen angels), mankind, and sin.

**THEO 3353 Ecclesiology: The Study of the Church**

*3 credit hours*



(Fall only, alternating years) A detailed study of the doctrine of the church. The origin and nature of the church are discussed along with the organization, ordinances, and mission of the church. The meaning and significance of the church as the body of Christ is also discussed.

**THEO 3363 Eschatology: The Study of Future Things**

*3 credit hours*

(Fall only, alternating years) A discussion of Biblical prophecy. Includes an explanation of the history and differences between premillennialism, amillennialism, and postmillennialism. The pretribulation, premillennial position is set forth in relation to the future of the church, Israel, and the world. The institution, nature, and consummation of the millennial kingdom are studied.

**THEO 3513 Apologetics**

*3 credit hours*

(Prerequisite: BIBL-1113, BIBL-1413) A consideration of both the factual evidences and the philosophical arguments in support of the Christian faith. The major objections to Christianity are considered and answered.

**THEO 4959 Special Topics**

*1-3 credit hours*

(As Needed) (Prerequisites: Department chair approval; senior status) An in-depth study in a specialized area.

**THEO 4969 Special Topics**

*1-3 credit hours*

(As Needed) (Prerequisites: THEO-4959; Department chair approval; senior status) An in-depth study in a specialized area.

## **GRADUATE EDUCATION COURSE DESCRIPTIONS**

**EDUC 5003 Introduction to Statistics**

*3 credit hours*

Designed to provide the student with a basic understanding and use of statistical methods in the analysis of their practical application within education. Descriptive and inferential statistical measures and testing are covered. Descriptive statistical topics include frequency distributions, measures of central tendency, variability, normal curve, hypothesis testing, research methodology, the t-test for differences, correlations, Analysis of Variance, and Chi squared testing.

**EDUC 5013 Advanced Statistics for Educators**

*3 credit hours*

(Prerequisite: EDUC-5003) An introductory course in statistical methods used by educators, including descriptive statistics, inferential statistics, and probability.

**EDUC 5023 Educational Assessment**

*3 credit hours*

(Prerequisite: EDUC-5003) The student will study the principles and methods of analyzing and using good teacher-designed tests and observational instruments for assessing student learning. Consideration will be given the parts of a school standardized testing program consistent with the school's philosophy and curriculum design. The student will be able to interpret standardized test score reports for parents and be able to use them for curriculum and instructional improvement.

**EDUC 5033 Philosophy of Education**

*3 credit hours*

A survey and comparison of various philosophies of education with Christian education principles. Current educational positions on a variety of issues are compared with a study of the Scriptural position on these issues. The student will formulate his/her personal philosophy of Christian education consistent with biblical revelation.

**EDUC 5043 Curriculum Development**

*3 credit hours*

The student will be introduced to the factors affecting the development of a school curriculum and the procedures for establishing an appropriate curriculum design for a Christian school. The student will understand curriculum scope and sequence as well as horizontal and vertical curriculum design of a school. Consideration is given to ways of evaluating the effectiveness and appropriateness of the school's curriculum for the ongoing process of curriculum improvement.