Undergraduate Course Descriptions

Note: Not all courses listed below are offered annually and some are offered only at either the Rockland campus or the New York City Campus. Consult the appropriate department head for more information on course rotation and location.

ANTHROPOLOGY (ANT)
All courses meet social science and liberal arts elective requirement.

ANT 201-Cultural Anthropology (3)
Analysis of the different aspects of culture with reflection on cultures from around the world. (Social Science and Liberal Arts elective)

ANT 222-Peoples and Cultures of Southeast Asia (3)
An area study including history and social-cultural development. Particular reference to contemporary problems. (Social Science and Liberal Arts elective)

ANT 223-Peoples and Cultures of Africa (S. of Sahara) (3)
An area study including history and social-cultural development. Particular reference to contemporary problems. (Social Science and Liberal Arts elective)

ANT 224-Peoples and Cultures of Latin America (3)
An area study including history and social-cultural development. Particular reference to contemporary problems. (Social Science and Liberal Arts elective)

ANT 225-Peoples and Cultures of the Arab World (3)
An area study including history and social-cultural development. Particular reference to contemporary problems. (Social Science and Liberal Arts elective)

ANT 226-Peoples and Cultures of Latino Caribbean (3)
An area study of the three Latino countries in the Caribbean (Cuba, Dominican Republic, and Puerto Rico). We will study the history and social-cultural development of these three Latino countries. Particular reference will be made to contemporary problems that these countries face. (Social Science and Liberal Arts elective)

ANT 255-World Cultural Geography (3)
A survey of the major cultural regions of the world with emphases on resources, economic development, and demography. (Same as HIS 255, Social Science and Liberal Arts elective)

ANT 260- Peoples and Cultures Topics (3)
An area study including history and socio-cultural development. Particular reference to specialty of Missionary-in-Residence specialization with reference to contemporary problems. Topics include but are not limited to Eastern Europe, Western Europe, Oceania, South Asia and East Asia. (Social Science and Liberal Arts elective)

ANT 342-Nature of Language (3)
An introduction to descriptive linguistics: how to “describe” a language, using English as a model, supplemented by examples from other languages. (Same as LIN 342, Social Science and Liberal Arts elective)
ANT 343 - Culture and Communication (3)
Problems of communication between people of different cultures and subcultures with applications to Christian missions, business, and diplomacy. (Same as LIN 342, and ICS 343, Social Science and Liberal Arts elective)

ANT 345 - The Anthropology of Religion (3)
A study from the Christian perspective of religious beliefs and behaviors theories, divination, witchcraft, magic, mythology, and the relationship of religious movements to other aspects of culture. Objectives are to learn about non-Western (animistic) religions, their deities, practices, and rationale; to learn more about the subject matter and methodology of anthropology; and to study religions in the light of cultural relativity and their function and meaning in the lives of non-Western peoples. (Social Science and Liberal Arts elective)

ANT 346 - Cross-Cultural Adjustment (3)
An intensely practical course designed to introduce students to the various kinds of situations encountered in cross-cultural ministry. Note: does not fulfill the cross-cultural elective for the Core Curriculum. (Same as ICS 346, Social Science and Liberal Arts elective)

ANT 352 - Music of Diverse Cultures (3)
(For course description see MUS 352, Social Science and Liberal Arts elective)

ANT 384 - Geographical and Historical Setting of the Bible (3)
(For course description see BIB 384, Social Science, Bible and Liberal Arts elective)

ANT 386 - Greece/Turkey Field Study (3)
This course engages the historical, geographical, and cultural setting of ancient Asia Minor and modern Turkey. The program will visit archaeological sites important in the history of Greece and Rome during their domination of Antolia (Plain of Issus, Sagalassos, Ephesus), as well as historical and religious sites that mark the presence of Christianity in the days of the Apostles (Tarsus, Antioch, Laodicea) and the Byzantine era (Hagia Sophia). Students will be encouraged to encounter and understand aspects of modern Turkish life through personal contacts, dialog and visits to religious and cultural sites (Blue Mosque, Topkapi Palace). (same as BIB386 and HIS 386). (Social Science, Bible and Liberal Arts elective)

ANT 442 - Social and Cultural Change (3)
The analysis of the processes of change in American society and culture and in other societies and cultures. The course includes demography and modernization trends in the Third World. Prerequisite: ANT 201. (Social Science and Liberal Arts elective)

ANT 480 - Independent Study (1-3)
Independent study in an approved topic in Anthropology. Permission of the Department Head and Dean is required. (Social Science and Liberal Arts elective)
ANT 490-Internship (1-3)
The practical application of anthropological knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and the Dean. (Social Science and Liberal Arts elective)

ART

ART 101-Studio Drawing I (2)
Basic introduction to drawing media and techniques; exploration of concepts of form and space in varied subject matter.

ART 102-Studio Drawing II (2)
Elements, principles, and techniques of drawing. Emphasis on two and three-dimensional presentations as they relate to figure, still life, and natural environment. Prerequisite: ART 101.

ART 105-Introduction to Digital Photography (3)
A course for students interested in the basics of digital photography. Students must have a digital camera.

ART 110-Calligraphic Art (1)
The course will cover basic oriental drawing skills using feathering on rice paper (orchid, rose, chrysanthemum, etc.), observational skills, perspective, and drawing techniques of traditional art.

ART 112-Advanced Calligraphic Art (1)
This course will cover advanced oriental drawing skills in continuation of ART 110. Prerequisite: ART 110.

ART 201-Artistic Calligraphy (1)
An introduction of oriental brush painting, how to load the brush, basic strokes of bamboo, orchid, plum blossom and oriental landscape painting techniques.

ART 321-Art of the Ancient World (2)
A survey of the art of earliest human cultures through the classic civilizations of Sumeria, Egypt, India, China, Greece, and Rome. (liberal arts elective)

ART 322-Medieval and Renaissance Art (2)
A survey of world art during the Middle Ages and the European Renaissance. (liberal arts elective)

ART 323-18th and 19th Century Art (2)
A survey of world art during the 18th and 19th centuries. (liberal arts elective)

ART 324-20th Century Art (2)
A survey of world art during the 20th century. (liberal arts elective)

ART 341-Illustration and Graphic Design (2)
Introductory illustration course with emphasis on the fundamental techniques and philosophies of the graphically-oriented art form. Exploration of two-dimensional problems and interpretation of verbal to visual form.
ART 344-Painting I (2)
Introduction to the fundamentals of painting, including exercises in the use of color to describe the reflection of light and shapes in space.

ART 345-Painting II (2)
This course will help students build on the foundation of color and design and begin to develop their own approach and direction in painting.

BIBLE (BIB)

BIB 102-Old Testament Literature (3)
An examination of the history, cultural background, and worldview of the people of God throughout the Old Testament period (c. 2000 - 400 B.C.). Key themes and selected critical issues are discussed with a view to aiding students develop a biblically-informed worldview. (fulfills core curriculum requirement, liberal arts)

BIB 201-New Testament Literature (3)
An examination of the development of redemptive history throughout the New Testament in the context of its geographical and cultural background. Key themes and selected critical issues are discussed with a view to aiding students develop a biblically-informed worldview. (fulfills core curriculum requirement, liberal arts)

BIB 301-Systematic Theology I (3)
An inductive survey and analysis of major doctrines of the Christian faith: revelation, inspiration of Scripture, God, creation, man, sin. Contains an introduction to important theologians, theological literature, and systems of thought. Special attention is given to these topics from the standpoint of the Christian & Missionary Alliance. Prerequisite: BIB 201, for Bible Majors Only.

BIB 302-Systematic Theology II (3)
A continuation of BIB 301. An inductive survey and analysis of the doctrines of Christ, the atonement, salvation, the Church, and last things. Contains an introduction to the important theologians, theological literature and systems of thought. Special attention is given to these topics from the standpoint of the doctrinal beliefs of the Christian & Missionary Alliance. Prerequisite: BIB 201, for Bible Majors only

BIB 303-Christian Thought (3)
A survey of the major doctrines of the Christian faith, with a discussion of their implications for spiritual formation and for service in the global community. Emphasis will be on what historic Christianity has confessed about the Bible, God, creation, humanity, sin, Christ, salvation, the church, and last things and their applications in our current, pluralistic world.

BIB 310-Intro to Scholarly Society Meetings: ETS and SBL (1)
This course is designed to introduce the Bible and Theology major to the world of scholarship by visiting the annual November meeting of either the Evangelical Theological Society or the Society of Biblical Literature. Scholarly papers on the program will be selected, based on student interest, for study before and after the conference. Emphasis will be on orienting the student in cutting edge research and in contemporary scholarly discussion. Offered only when the annual meetings are within driving distance.
BIB 312-The Bible and Science (3)
A survey of current approaches to the relationship between Scripture and modern scientific methodologies. The apologetic value of such integrative thought will be covered. Prerequisite: BIB 102 or permission of instructor. (Same as THE 312) (fulfills worldview requirement, liberal arts elective)

Note: BIB 313 through BIB 325 (except for BIB 321), along with BIB 447 and BIB 448, fulfill the Old Testament elective requirement for the Biblical and Theological Studies Major as well as liberal arts electives.

BIB 313-Genesis (3)
Exposition of Genesis emphasizing its theological teaching; some attention to Pentateuchal criticism and parallel Near Eastern literature. Prerequisite: BIB 102.

BIB 314-Pentateuch (3)
A survey of the Pentateuch as a literary whole, with exegetical investigations into select portions. Studies will include placing the Pentateuch in its historical context of the ancient near east and in its literary context of the Bible as a whole, including the New Testament. Specific themes such as creation, covenant, law, grace and the future will be studied. Prerequisite: BIB 102.

BIB 315-Ruth and Esther (3)
A study of two often neglected gems of Old Testament literature that focus on two godly women who had significant roles in Old Testament history. Also an exploration of the relationship between theology and literature. Prerequisite: BIB 102.

BIB 316-Psalms (3)
The Psalter: its literary structures, theological themes and religious influence; selected psalms. Prerequisite: BIB 102.

BIB 317-Themes in Proverbs (3)
Exposition of selected texts that present the principles of wisdom concerning the major areas of life. Surveys some critical issues concerning the Proverbs and genre characteristics of wisdom literature. Prerequisite: BIB 102.

BIB 318 – Wisdom Literature (3)

BIB 319-Isaiah (3)
Isaiah’s message in its historical context; contribution to redemptive history; Messianic passages; issues regarding authorship. Prerequisite: BIB 102.

BIB 320-Jeremiah and Ezekiel (3)
Messages of two major prophets during Israel’s dark hour of disintegration and exile; prophecies of restoration and transformation of God’s people. Prerequisite: BIB 102.

BIB 321-Ancient History (3)
(For course description, see HIS 321)
BIB 322-Pre-Exilic Minor Prophets: Amos, Hosea and Micah (3)
Exposition of selected passages and themes from the pre-exilic Minor Prophets in their historical setting. Prerequisite: BIB 102.

BIB 323-Post-Exilic Minor Prophets: Haggai, Zechariah and Malachi (3)
Overview and analysis of Haggai, Zechariah, and Malachi with attention given to the historical, cultural, and theological issues of post-exilic Judah. Prerequisite: BIB 102.

BIB 324-Daniel (3)
An exegetical and biblical-theological approach to the text of the book of Daniel. The focus will be on the close reading of the book, but broader issues concerning the principles and methods of interpretation of apocalyptic literature will be discussed. Special focus will be given to the interpretation of the book's imagery and its significance for biblical theology and eschatology. Prerequisite: BIB 102.

BIB 325 – Old Testament Historical Books (3)
A study of the books of Joshua, Judges, Samuel, and Kings and with comparison with Ruth, Chronicles, Ezra, Nehemiah, and Esther. Special attention will be given to the historical and geographical setting of ancient Israel.

Note: BIB 328 through BIB 369 (except for BIB 331) fulfill the New Testament elective requirement for the Biblical and Theological Studies major and liberal arts electives.

BIB 328—Jewish Hermeneutics and New Testament Interpretation (3)
A study of the interpretation of the Hebrew Bible in rabbinic and other Jewish literature, with a view towards understanding better the New Testament’s interpretation of the Old Testament. This course is only offered at the New York City Campus.

BIB 329-Introduction to Intertestamental Literature (3)
An introduction to Jewish literature written between the Old and New Testament periods. Special attention will be given to ideas that proved influential in the development of early Christian thought and practice. Prerequisite: either BIB 102 or BIB 201. This course is only offered at the New York City Campus.

BIB 330-The Dead Sea Scrolls and Early Christianity (3)
A survey of the Dead Sea Scrolls. Particularly focus is given to the thinking of the Qumran Congregation and its contribution to our understanding of the religious expression, methods of biblical interpretation and practice in nascent Christianity. Prerequisite: BIB 201. This course is only offered at the New York City Campus.

BIB 331-Hermeneutics (3)
A survey of the principles of biblical interpretation and application. It covers the importance of literal interpretation, word studies, grammatical analysis, context, figurative language, and biblical genres. It includes issues of application, such as determining what is normative and the implications of cultural relativism. Prerequisite: BIB 102 or BIB 201.
BIB 332-Synoptic Gospels (3)

BIB 333-General Epistles (3)
Exposition of selected passages and themes from the General Epistles. Prerequisite: BIB 201.

BIB 335-Prison Epistles (3)
Overview and analysis of Ephesians, Philemon, Philippians, Colossians, and Philemon with attention given to the historical and theological issues of the early church. Prerequisite: BIB 201.

BIB 361-Hebrews (3)
Examination of the background, plan, and theology of the book with emphasis on inductive analysis of the text; selected themes such as the person of Christ, the philosophy of revelation, priesthood, atonement, covenant, and faith. Prerequisite: BIB 201.

BIB 363-Acts (3)
Exposition of the argument of the Book of Acts, with consideration of hermeneutical principles involved in the interpretation of historical literature. Prerequisite: BIB 201.

BIB 364-Revelation (3)
Introduction to the book of Revelation: critical issues, survey of the history and methods of interpretation, and detailed analysis of the text. Prerequisite: BIB 201.

BIB 365-Romans (3)
Analytical treatment of the text, using hermeneutical principles and examining major theological themes. Prerequisite: BIB 201.

BIB 366-Corinthian Letters (3)
Exposition of selected passages and themes from Paul’s Corinthian correspondence. Prerequisite: BIB 201.

BIB 367-Galatians (3)
An exposition of selected passages and themes from Paul’s Letter to the Galatians. Course includes treatment of key critical issues. Prerequisite: BIB 201.

BIB 369-John (3)
Exposition of selected passages and themes of the Fourth Gospel. Surveys some critical issues. Prerequisite: BIB 201.

BIB 381-Land of the Bible I (3)
A course designed to introduce the student to the historical, geographical, and archaeological background to the biblical world through the Persian period. (liberal arts elective)

BIB 382-Land of the Bible II (3)
A course to introduce the student to the historical, geographical, and archaeological background to the biblical world during the Hellenistic and Roman periods. (liberal arts elective)
BIB 384-Geographical and Historical Setting of the Bible (3)
Introduction to the geography, history, and archeology of Israel in biblical times. (On location; considerable study prior to going to Israel is required.) (Same as ANT 384, HIS 384, liberal arts elective)

BIB 385- Rome Field Study (3)
The travel course is intended to introduce the student to the historical, social and religious world of Ancient Rome by visits to its significant archaeological sites. Special attention will be given to the setting for the ministry of Paul and nascent Christianity. (liberal arts elective)

BIB 386-Greece/Turkey Field Study (3) (same as ANT 386 and HIS 386)
This course engages the historical, geographical, and cultural setting of ancient Asia Minor and modern Turkey. The program will visit archaeological sites important in the history of Greece and Rome during their domination of Antolia (Plain of Issus, Sagalassos, Ephesus), as well as historical and religious sites that mark the presence of Christianity in the days of the Apostles (Tarsus, Antioch, Laodicea) and the Byzantine era (Hagia Sophia). Students will be encouraged to encounter and understand aspects of modern Turkish life through personal contacts, dialog and visits to religious and cultural sites (Blue Mosque, Topkapi Palace). (same as ANT 386 and HIS 386, liberal arts elective).

BIB 387-Syria Field Study (3)
This travel course is intended to introduce the student to the historical, social and religious world of ancient Syria in the Old and New Testament periods. Particular attention will be given to the historical figures and community that resided in the region, which provide the background for the Biblical narrative. (liberal arts elective)

BIB 401-Christian Worldview (3)
This course is designed to be the capstone and synthesis of a Christian student’s learning. It considers how objective our knowledge can actually be in view of the postmodern claim that all knowledge is subjective and relative; it compares Biblical Theism with competing theories of the universe; it surveys the theoretical basis for ethical decision-making; and it explores Theism’s outworking in key areas, such as the sanctity of life, stewardship of the earth’s resources, work, and leisure. Prerequisite: either BIB 301 or BIB 302 (provides Worldview credit).

BIB 447-The Jewish People and Prophecy (3)
A survey of hermeneutical issues surrounding biblical prophecies of the restoration of Israel and the considerations of the future of Israel as a theological question. Interdisciplinary discussion will address the re-establishment of the modern state of Israel in 1948 and the ongoing conflict over rights to the land, as well as the rise of Christian Zionism. (Same as PMN 447)

BIB 448-Old Testament Theology (3)
A study of the Old Testament as it was understood in ancient Israel. Theological themes such as God, humanity, sin, creation, salvation, law, covenant, and worship will be studied from the Old Testament perspective. The class will approach Old Testament as good news waiting to be heard.
BIB 450-The Holy Spirit and His Gifts (3)
A discussion of the gifts of the Holy Spirit for the upbuilding of the church, with a focus on prophecy, healing, tongues and interpretation. Discussion will focus on recent historical events, especially revival and renewal movements, that have contributed to the church’s understanding of the Holy Spirit, as well as biblical texts that describe these supernatural experiences. (Same as THE 450) Prerequisite: BIB 301 or BIB 302.

BIB 460-Topics in Bible and Theology (3)
Selected topics not currently offered in the areas of Biblical and Theological studies.

BIB 470 Theology Seminar (3)

BIB 480-Independent Study (1-3)
Independent study in an approved topic in Biblical Studies. Permission of the Department Head and Dean is required.

BIOLOGY (BIO)
All four-credit science courses include a lab component; all BIO courses fulfill the liberal arts electives component.

BIO 105-Biology Lab Workshop (1)
Specifically designed as a stand-alone series of labs to facilitate the need of students who need a 1-credit lab component. Students who have taken BIO107 may not take BIO 105.

BIO 107-General Biology I (4)
A survey of the chemical, cellular, and genetic aspects of living organisms coupled with an examination of bacteria, fungi, and plants. Plant structure and identification are emphasized. Several field trips to local forest areas are planned, as well as a visit to the American Museum of Natural History as an introduction to concepts in ecology.

BIO 108-General Biology II (4)
A survey of the protist and animal kingdoms in addition to an introduction to the eleven organ systems in animals with an emphasis on human anatomy and physiology. Animal dissections are included and study of a local pond and a trip to the Bronx Zoo are included to demonstrate ecological concepts. Students who take this course may not take BIO216.

BIO 110-Seashore Ecology Workshop (1)
The study of the interactions of organisms with each other and their nonliving environment in various ecosystems at the seashore. A field trip to the seashore is used to provide direct observation and hands-on analysis of the subject. Students enrolled in BIO 112 or BIO 212 may not take this course.

BIO 111-Freshwater Ecology Workshop (1)
This course is a study of how freshwater organisms relate to each other and their environment. Field trips to local streams and/or ponds will provide opportunities for direct observation and first-hand analysis of the subject. Students enrolled in BIO 112 or BIO 212 may not take this course.
BIO 112—Ecology I (4)
A study of the relationships between organisms and their environment. Environmental influences such as climate, water, temperature, and light along with biotic factors such as predation, competition, and mutualism will be discussed. Ecosystem diversity, structure, and energy flow will be examined. The biblical basis for man’s role in the environment and the need for creation awareness will be emphasized.

BIO 115—Principles of Nutrition (3)
Survey of the major themes in nutrition including dietary sources, usefulness of the major classes of nutrients, and associated disorders. Personal nutritional assessment is performed. Offered alternate years. (No lab component: does not satisfy Core Curriculum Laboratory Science requirement.)

BIO 213—Anatomy and Physiology I (4)
Examination of the structure of the human body and how it normally functions. Includes a study of the chemical, cellular, and tissue components of the body and four organ systems: the integumentary, skeletal, muscular and nervous systems. Prominent disorders and current medical developments related to these topics will also be discussed. Laboratory components include microscopic work, dissection, and a field trip to a local health care facility.

BIO 214—Anatomy and Physiology II (4)
Study of seven organ systems in the human body: the endocrine, lymphatic, cardiovascular, respiratory, digestive, urinary, and reproductive systems. A research paper is required to facilitate understanding of disorders and current medical progress. Microscope work, cat dissection, and a variety of physiological experiments will be conducted during laboratory sessions. A trip to a local hospital or medical institution is incorporated.

BIO 216—Human Biology (4)
A survey and analysis of the systems of the human body: the structure and functions of the digestive, respiratory, structural, excretory, endocrine and nervous systems. Students who take this course may not take BIO 108.

BIO 217—Survey of the Life Sciences (4)
An introduction to biology, chemistry, anatomy and physiology, and ecology. A hands-on approach will be used to prepare students for science instruction in the elementary school. Childhood Education majors only.

BIO 220—Microbiology (4)
A comprehensive study of microorganisms, including bacteria, viruses, fungi, protozoa, and algae. Topics include microbial anatomy, physiology, genetics, ecology, taxonomy, methods of control, and the medical significance of microbiology. Laboratory exercises in basic microbiological techniques are designed to complement theories presented.

BIO 301—Genetics Seminar (1)
This seminar provides students a basic foundation in human genetics. It focuses on diseases and disorders with a genetic etiology. Social and ethical implications due to the advances in medical genetics will be explored and discussed.
BIO 315 – Human Pathophysiology (3)
This course introduces the basic concepts of pathophysiology. Students will explore the concepts of disease and examine the effects of the alteration of normal physiological processes on the human body. The course builds on the foundation of normal physiological functions of human body systems explored in Anatomy and Physiology.

BUSINESS (BUS)

BUS 101-Introduction to Business (3)
A required course for all incoming Freshmen intending Accounting or Business as their major but also highly recommended for those seeking an overview of management, marketing, finance, accounting, and Business ethics.

BUS 201-202-Principles of Accounting (3-3)
Fundamentals of theory and practice, principles of double entry, design and use of books of account and costing typical transactions, balances, work sheets, preparation of statements and balance sheets. Second semester: Introduction to cost accounting, budgeting, and managerial concepts. (BUS 201 prerequisite for BUS 202)

BUS 211- Career Development & Integration I (1)
This course is first in a three part series. CDI I focuses upon personal and career exploration. Topics covered include: personality, interest, value and spiritual gifts inventories, God’s calling, writing a personal mission statement, researching career options, and creating a resume and cover letter.

BUS 212- Career Development & Integration (CDI) II (1)
This course is second in a three part series following CDI I. CDI II focuses upon career research and decision-making. Topics covered include: resumes and cover letters, information interviews and job shadowing, researching internship, job and graduate school opportunities; researching employers and organizations, and developing a career development plan.

BUS 213 – Career Development & Integration III (1)
This course is third in a three part series following CDI I and II. CDI III focuses upon development of real-world skills. Topics covered include: the job search process, a videotaped mock interview, graduate school, networking, negotiating, budgeting, workplace issues, work/life balance, dining and business etiquette, managing transitions and risks, overcoming barriers and leaving a legacy.

BUS 232-Principles of Management (3)
Covers the basic managerial functions of planning, organizing, motivating, controlling. Includes a review of organization and management theories and methods. Focuses on management problems in profit and not-for-profit sectors.

BUS 242-Personal Finance (3)
Examination of principles to prepare an individual to plan and manage personal finances. Topics surveyed are financial planning, savings and investment, insurance, personal taxes, consumer credit uses, sources, and costs, and estate planning.
BUS 246-Non-Profit Organizations (3)
A study of the formation, regulation, management, organization, accounting, and reporting of non-profit organizations. Prerequisite: BUS 201, or consent of the department chair.

BUS 301-302-Intermediate Accounting (3-3)
An intense examination of generally accepted accounting principles and their application to various items on the accepted general-purpose financial statements. Emphasis on pronouncements by accounting authorities and analytical application of accounting theory. Prerequisite: BUS 202.

BUS 310-International Trade and Finance (3)
This course focuses on multinational financial management that includes international financial markets, international cash management, foreign exchange exposure management, international aspects of capital budgeting and investment analysis, export-import transactions, and foreign direct investment. Prerequisites: BUS 333, ECO 202.

BUS 311-Cost and Managerial Accounting (3)
The fundamentals of the cost accounting information system, classification of costs, and basic cost reports. Responsibility accounting is incorporated in the analysis of material, labor, and overhead charges. Covers the job order and process cost systems as well as the standard cost system with variance analysis. Prerequisite: BUS 202.

BUS 312-Accounting with Computers (3)
Utilizing the latest version of a well-known accounting program, this course places the student in the position of accountant in a business in the process of computerizing its records. Conducted in a computer lab instead of a classroom, the course gives students hands-on experience in many areas of accounting, such as accounts receivable, cash receipts, accounts payable, cash disbursements, payroll, and preparation of bank reconciliations.

BUS 315-Global Business (3)
The course is a study of the international business environment along with strategies for diversification and the management of multinational enterprises. Topics include exporting, licensing, acquisitions, and joint ventures. Ethical standards for multinational corporations are emphasized. Prerequisite: BUS 232.

BUS 321-Risk Management & Insurance (3)
This course provides an overview of the principles of risk management and its analytical techniques of risk exposure, regulations and the functions of the insurance industry. It will meet the objectives of providing 1) a broad perspective on risk management, 2) a conceptual framework for decision-making and public policy, and 3) details on insurance contracts and markets. Prerequisites: BUS 202, BUS 333

BUS 326-Organizational Behavior (3)
Relates theory and research to an understanding and explanation of human behavior within organizations. Concepts covered include interpersonal communication and influence, small group behavior, and inter-group conflict and cooperation.
BUS 327-Business Communications (3)
An examination of the concepts and methods of communicating effectively in business and organizations. Emphasis on creating messages, writing letters and memos, preparing reports and proposals, and making oral presentations. (liberal arts)

BUS 330-Constitutional Law (3)
The course is a study of the historical and contemporary principles of constitutional law. Subjects include separation of powers within the federal government, judicial review through the Supreme Court, and the relationship of the Bill of Rights to the states through the fourteenth amendment, with particular emphasis on due process and equal protection. Prerequisite: BUS 335.

BUS 331-Principles of Marketing (3)
An overview of the marketing function for business examining pricing strategies, promotional techniques, distribution networks, and product development with an emphasis on consumer behavior.

BUS 333-Principles of Finance I (3)
Principles of financial planning for the organization. Topics included are capital budgeting, risk analysis, ratio analysis, financial planning, and control-budgeting. Prerequisite: BUS 202.

BUS 334-Principles of Finance II (3)
Concepts and techniques used by organizations to raise capital through debt and equity markets. Topics include operating and financial leverage (break-even analysis), dividend policy, long-term debt, preferred stock, common stock, convertible securities, and mergers and acquisitions. Prerequisite: BUS 333.

BUS 335-Business Law I (3)
Analysis of the legal right and duties of businessmen with regard to contracts, agency, sales, negotiable instruments, employee and employer relationships, transfer of real and personal property, partnerships, corporations, and related topics.

BUS 336-Business Law II (3)
Includes a review of the unique legal considerations for the non-profit organization with topics such as equal opportunity laws, lobbying activities, securing and maintaining tax-exempt status. Prerequisite: BUS 335.

BUS 337-Employment Law (3)
A comprehensive analysis of employment law. Subjects include employment relations and liability, employment procedure, employment discrimination and employment regulations. Particular attention will be given to the employment contract, the civil rights act, affirmative action, religious discrimination, labor law, worker’s compensation, and termination of employment. Prerequisites: BUS 335, 336.

BUS 338-Market Research (3)
Principles of marketing research concentrating on the gathering and recording of data. Topics also include how to set up a survey, interpretation of data, and cost effective means of conducting market research. Prerequisite: BUS 331.
BUS 339 - International Law (3)
A study of the nature of international law: state jurisdiction; the individual legal system; statehood and recognition of states; diplomatic and consular immunity; international agreements; the use of force and an overview of various international organizations. Prerequisite: BUS 335.

BUS 341 - Management Information Systems (3)
The course is intended to improve the prospective manager’s ability to make competitively advantageous decisions at the operational, tactical, and strategic level through the use of information systems. It will provide a survey of ICS terminology, issues, and theories critical to the manager and encourage an analytical perspective in understanding the application of those theories to the solution of representative current business problems. (Same as CSC 341)

BUS 344 - Human Resources Management (3)
Through selected readings, case analysis, and class discussion, students study employer/employee relations, recruitment, job design, performance appraisal, training and development, compensation, communication, and union relations. Prerequisite: BUS 232, or consent of the department chair.

BUS 345 - Entertainment Industry Economics (3)
This course is an overview of the business aspects of the entertainment industry using the principles of economics. The course will focus on supply, demand, and industry structure in the following areas: music, art, theater, and film. These cultural industries will also be looked at in terms of integration of faith and learning; that is, what is the Christian’s role in and response to entertainment. (Same as ECO 345, MUS 345, liberal arts elective)

BUS 346 - Advertising and Sales Promotion (3)
A study of both the creative concepts of print and broadcast media along with discussions on the various channels and campaigns utilized. Prerequisite: BUS 331.

BUS 347 - Music Business I: The Legal Aspects of the Music Industry (3)
This course covers the legal aspects of the music industry. It includes an overview of the music industry and discusses the following topics in detail: publishing, copyrights, the music business system, licensing, artist management, attorneys, and concert promotion. (Same as MUS 347)

BUS 348 - Retail Management (3)
An examination of the framework of retailing, retail institutions, strategic planning, and organization. The course also covers merchandise and marketing management, control requirements, personnel development, management information systems, and other technological applications. Prerequisite: BUS 331.

BUS 349 - Music Business II: Music Industry, Recording, Merchandising, Contracts, and Career Development (3)
This course surveys the pragmatic aspects of the music industry. Specifically, it looks at audio recording, merchandising, contracts, career development, record markets, production, studios, and the use of music in broadcasting and film. (Same as MUS 349)
BUS 351 - Securities & Investments (3)
This course provides an overview of financial institutions and markets and the financial instruments offered to investors. Financial instruments reviewed in the course include stocks, bonds, mutual funds, commercial paper, futures contracts, and other derivatives such as options and commodities. Portfolio theory, securities analysis, risk assessment and mitigation, and analytical techniques are reviewed. Prerequisite: BUS 202.

BUS 363 - Public Relations (3)
An introduction to the nature, practices, and ethics of public relations. Emphasis on evaluating public attitudes, relating an organization to the needs and interests of its audiences, and planning and executing a program to promote public understanding, acceptance, and goodwill.

BUS 403 - Auditing (3)
Topics of study include the basic concepts and techniques of auditing, quality control standards, audit applications, statistical sampling, and professional services. A central consideration of the course concerns ethical issues encountered by the professional accountant.

BUS 410 - Case Analysis in Financial Management (3)
A capstone course for seniors in financial management which applies learning in finance to real or simulated case problems involving short and long-term financing, mergers and acquisitions, profit planning, capital structure and dividend policy. Prerequisites: BUS 334. Seniors only.

BUS 411 - Advanced Accounting (3)
This final course in the accounting sequence covers specialized topics that the professional accountant encounters frequently, such as environmental issues in financial reporting, business combinations, consolidated statements, accounting for foreign transactions, corporate reorganization and liquidation, and the basic concepts of fund accounting.

BUS 412 - Project Management (3)
This course is designed to teach students the basic principles of project management. Students will learn how to identify and schedule project resources, create project flow charts, and produce critical path planning and evaluation reports. Topics to be covered include: (1) project selection and scope definition, (2) work breakdown structures and statements of work, (3) risk management, (4) project scheduling, (5) project team selection and development, and (6) strengths and weaknesses of various project management tools. Prerequisite: Instructor’s permission. (Same as CSC 412)

BUS 413 - Product Management (3)
This course is prepares students for careers in product management and includes concepts such as new product introduction, positioning, product line management, pricing, strategy, product pruning, extensions and enhancements. Prerequisites: BUS 232, BUS 331.

BUS 415 - Federal Income Tax (3)
The theory and application of the internal revenue code and regulations with emphasis on individual taxation. Includes returns, rates, gross income exclusions and inclusions, basis for gains and losses, allowable deductions, and principles of tax accounting. Prerequisites: BUS 201, 202.
BUS 424-Sales Force Management (3)
The course will cover personal selling practices and strategies and its role in the marketing mix. The sales function to be covered includes consultative selling, negotiation, customer types and interactions, recruiting & selection, training, compensation, quotas, supervision, motivation, forecasting and evaluation. Prerequisites: BUS 232, BUS 331.

BUS 428-Business Ethics (3)
Review of the development of ethics in the area of business. Discussion focuses on the current and developing ethical concerns facing business executives and managers. Case studies assist the student in developing a consistent and viable ethical system to face these concerns. Prerequisites: BUS 331, 232, ECO 201.

BUS 435-Media Law (3)
(For course description see COM 435)

BUS 439-Strategies of Community Organization (3)
Examines the theory and practice of community organizing. Emphasizes intervention at the community level that is oriented toward improving or changing organizations, businesses and other institutions. Addresses problem solving techniques and community activities of professionals engaged in business, social work, ministry and other fields/disciplines. (Same as SOC 439, liberal arts elective)

BUS 441-Organizational Development (3)
A study of organizational forms and their evolution in the context of formal and informal structures. It offers frameworks for analyzing effectiveness and for taking remedial actions. Prerequisites: BUS 232, BUS 333.

BUS 443-Direct Marketing (3)
This course investigates all aspects of direct marketing and includes Internet, direct mail, direct response, telemarketing and database usage. It also includes strategy and its role in the market mix/function. Seniors only.

BUS 444-Topics in Human Resource Management (3)
This is a seminar-based course covering current and leading edge topics in HR. Students are expected to research areas of interest and present findings to class. Discussions will include HR strategy development and its integration into the overall corporate plan. Prerequisites: BUS 232, BUS 333.

BUS 453-International Marketing (3)
This course extends marketing concepts to the international arena and includes issues of political, cultural and environmental elements to the marketing mix. Marketing strategy, pricing, promotion, distribution, and place issues are adapted to international markets. Prerequisite: BUS 331.

BUS 454-Entrepreneurship (3)
The course studies the role and definition of the entrepreneur and reviews business start-up issues as well as business planning and operation of a small business. Prerequisites: BUS 232, BUS 331, BUS 333.
BUS 455-Consumer Behavior (3)
This course is an introduction to the human element in purchasing and selling in the marketplace. It includes motivation, consumer learning, group dynamics, cultural and familial influence and other aspects that impact marketing decisions. Prerequisite: BUS 331.

BUS 456-Advanced Market Management (3)
This marketing capstone course is intended to draw together all of the marketing knowledge learned in prior courses in order to apply it to a variety of marketing situations. Cases are used extensively. Students use their knowledge to develop comprehensive marketing programs that include, among other things, an assessment of the environment, sales forecasts, advertising strategy, target marketing and a budget. Seniors only.

BUS 457-Urban Planning and Strategies (3)
This course explores the history of urban planning and current approaches. Issues covered include housing, transportation, development, policy, etc. Prerequisites: BUS 232, BUS 331, BUS 333.

BUS 458-Operations Management and Linear Programming (3)
The course reviews methods used for efficient production of goods and services. It covers inventory management, planning and scheduling, resource allocation, total quality management, quantitative techniques such as linear programming, transportation problems, etc. Prerequisites: BUS 232, BUS 202. (Same as MAT 458)

BUS 459-International Relations and Political Economy (3)
This course explores the political, diplomatic and economic problems facing developed, developing and transitional societies by 1) creating an understanding of relations between 3rd world, transitional societies and western countries, 2) examining the resolution of conflicts arising from globalization of trade and impacts on international business issues & operations, and 3) global trade agreements such as GATT and its international business implications. Prerequisites: BUS 331, BUS 333, BUS 315. (Same as SOC 459, liberal arts elective)

BUS 460-Music Business Seminar (3)
This course will examine a multitude of important & recently published newsworthy items relevant to the Music Business Industry, emphasizing moral & ethical Christian values in preparing the students for the rapidly changing & day-to-day experiences within the industry. Along with the textbook, videotapes & CDs will be used by students and instructor as context for in-depth discussions and analysis. (Same as MUS 460)

BUS 461-International Business Operations (3)
Advanced study of the operations of an international concern with its particular problems and opportunities. Discussion includes how both profit organizations and international charitable institutions must cope in the area of finance, personnel, marketing, and management. Prerequisites: BUS 331, 332.

BUS 462-Cross-Cultural Business Environment (3)
This course examines factors that impact business and managerial effectiveness in a cross-cultural setting by focusing on opportunities & challenges presented
by an increasingly interdependent world of diverse cultures, economies and political systems. Course topics include language, religion, values, attitudes, educational structure, social organization, technology, and political and legal climate. Issues concerning conflict and peace, international political economy, global governance, the business culture and rituals, negotiations & the environment will also be covered. Prerequisites: BUS 331, BUS 333, BUS 315.

**BUS 470-Business Policy and Strategic Management (3)**
Comprehensive and integrated study of all major aspects of business organizations. Policy formulation of an organization is discussed and analyzed through case studies. To be taken last semester of the senior year or with instructor's permission.

**BUS 480-Independent Study (1-3)**
Independent study in an approved topic in Business. Permission of the Department Head and Dean is required.

**BUS 490-Internship (1-3)**
The practical application of business knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and the Dean.

**CHEMISTRY (CHE)**
All four-credit courses include a lab component and meet the liberal arts elective requirement.

**CHE 103- Essentials of Chemistry (4)**
This introductory course is designed to give students planning a career in the health sciences an understanding in the fundamentals of chemistry. The topics covered include the principles of general, organic and biochemistry. The course includes both lecture and laboratory components.

**CHE 113-Inorganic Chemistry I (4)**
Basic topics include measurements, matter and energy, the atomic theory, the periodic system of the elements, chemical bonds, quantitative relationships in chemical reactions, the kinetic theory, equilibria, radioactivity, and properties of water, acids, bases, and solutions.

**CHE 213-Organic Chemistry I (4)**
Basic topics include recognizing, naming, and learning representative reactions of molecules such as hydrocarbons, alcohols, phenols, ethers, aldehydes, ketones, carboxylic acids, esters, amines, and amides. Carbohydrates, lipids, proteins, and nucleic acids will also be surveyed.

**CHRISTIAN EDUCATION (CED)**

**CED 201-Introduction to Christian Education (3)**
This course examines basic models, theories, and practices in the field. It explores biblical, theological, and basic philosophical underpinnings of CE.
CED 202-Foundations of Teaching in the Church (3)
Principles and practices of Christian education as the teaching ministry of the church. Introduction to educational and administrative theory, leadership development, curricular materials, and teaching methods.

CED 211-Selected Topics in Urban Youth Ministry (1)
Course offered in conjunction with the Nyack College Institute of Urban Youth Ministry Studies conference held each semester. Speakers include nationally recognized experts in the field.

CED 228-Introduction to Women in Ministry (3)
(For course description see PMN 228)

CED 243-Sociology of Adolescence (3)
(For course description see SOC 243)

CED 252-Leadership and Character Development (3)
(For course description see ICS 252)

CED 331-Children’s Ministry Leadership (3)
The church’s objectives and program for children based on the principles of child development, with special consideration of such topics as the evangelism of children and the evaluation of curriculum materials.

CED 335-Adult Ministry Leadership (3)
Theory and practice of adult education in the church, including stages in the adult life cycle, programming for adult needs, and curriculum building.

CED 340-Parents of Adolescents (3)
How can a youth worker, especially one who is young, gain the respect of the parents of those in his/her youth group? This course deals with practical program models plus what it means to understand the parent point-of-view.

CED 341-Principles of Evangelism (3)
(For course description see ICS 341)

CED 344-Teaching the Bible (3)
Practical application of the principles of inductive Bible study. Extension of these principles to the teaching process with laboratory experience in planning and teaching Bible lessons in the classroom. Prerequisite: BIB 102. (Same as EDU 344)

CED 346-Personal Spiritual Formation (3)
(For course description see PMN 346)

CED 347-After School Programs and Child Evangelism (3)
After school programs for children and youth are widespread throughout New York City. This course concentrates on the philosophy, organization, and administration of church, Para church, or agency based after school programs. Field observation or participation is required.

CED 348-Drama and the Church (3)
(For course description see DRA 348)
CED 349-Introduction to Family Ministries (3)
While considering sociological and psychological analysis of families, this course offers theoretical, theological, and practical resources for developing needed family ministries within the local church. Student understanding of his/her own current and future family is also an outcome of this course.

CED 353-The Exceptional Child (2)
(For course description see EDU 353)

CED 356-History and Philosophy of Christian Education (3)
Explore the historical and philosophical foundations of Christian Education. This course surveys the educational underpinnings from Jesus through the early church, the Middle Ages, Renaissance, the Reformation, the Modern Age, to contemporary perspectives. Students will learn to make connections between historical roots to present day educational applications. (liberal arts elective)

CED 358-Community Development in Context (3)
(For course description see ICS 358)

CED/YMN 391-Student Teaching I (3)
Teaching methodology and supervised field experience related to ministry courses; students teach one hour each week throughout the year. To be taken in the junior year. Prerequisite: CED 202

CED/YMN 392-Student Teaching II (1)
Advanced teaching methodology, supervised field experience, and construction of teacher training events related to ministry courses; students teach one hour each week throughout the year. To be taken in the junior year. Prerequisite: CED/YMN 391.

CED 441-Leadership and Administration (3)
(For course description see PMN 441)

CED 443-Arts and Crafts (2)
(For course description see EDU 443)

CED 444-Equipping Leadership (3)
Principles and practice of the development of Christian education curriculum, including scope, purpose, process, personnel, and timing. Examination and evaluation of published curricula; curriculum-building for the local church. Sunday School leadership and management issues will also be addressed.

CED 446-Educational Media (2)
An examination of the interrelated uses of technology in the classroom. The course will explore both the hardware and software utilized in K-6 classrooms via hands-on application. (Same as EDU 446)

CED/YMN 480-Independent Study (1-3)
Independent study in an approved topic in Christian education. Permission of the Department Head and Dean is required.
CED/YMN 490-Internship (1-3)
Available each summer for students involved in any full-time ministry for two or more weeks. Permission of the Department Head and Dean is required.

CED/YMN 491-492-Seminar and Practicum in Christian Education (3-2)
Class sessions involve the integration of the student’s knowledge in Christian education into a coherent whole. During the course, the student will be associated with a local church working with a pastor, youth pastor, director of Christian education, or a Sunday school superintendent. Open to Senior CED and YM majors only or by permission of Department Head.

COMMUNICATIONS (COM)

COM 105-Introduction to Digital Photography (3)
An introductory course to orient the student to digital photography. Fee included for equipment purchase.

COM 107-Introduction to Communication (3)
An introduction course in communication, focusing on the major theorists in communication.

COM 108-Public Speaking (3)
This course provides an overview of the theory, composition, delivery, and critical examination of public speeches. (liberal arts elective)

COM 115-Announcing for Electronic Media (3)
This course is designed to cover the mechanics, tools, and techniques of radio announcing in the field and in the studio. Emphasis is placed on the delivery of news, commercials, and public service announcements, and on the art of interviewing.

COM 192-Practicum: Journalism (1)
An intensive study of the techniques and procedures of newspaper production. Involves the student as an active member of Nyack College’s student newspaper, The Forum. Instructor’s permission is required by the end of the registration period.

COM 193-Practicum: Yearbook Production (1-2)
An intensive study of the techniques and procedures of yearbook production, including a study of relevant desktop publishing computer programs. Involves the student as a active member of the Nyack College yearbook staff. Instructor’s permission required. (Same as ENG 182)

COM 195-Radio Workshop (1)
Involves the student as a responsible worker on the staff of the Nyack College radio station, WNYK. Entrance by audition.

COM 201- Digital Photography (3)
COM 212-Mass Media and Society (3)
This course will examine the historical development of news, press, film, broadcasting, public relations, and advertising. Students will develop critical thinking and writing skills that are relevant to media professionals working in various areas of business. The course will also discuss the freedoms and responsibilities of mass communication.

COM 214-Speech Writing (3)
In Public Speaking (COM 108), emphasis is placed upon the theory, composition, delivery, and critical examination of public speeches. This course will emphasize particularly the skill of composition, concentrating on message preparation for a variety of audience types. There will be an exercise in ghostwriting in which the student will grapple with the ethics and practical complications of writing in the voice of another. Prerequisite: COM 108. (Same as ENG 214)

COM 222-Introduction to Cinema (3)
A survey of film history with special emphasis upon the development of film techniques and the role that certain directors have played in advancing cinema art.

COM 235-Introduction to Journalism (3)
(For course description see ENG 235, liberal arts elective)

COM 236-Basic Audio Production (3)
Survey of radio station theories in organization and programming, including show production and special production, including news, remote broadcasts, and general radio format.

COM 243-Interpersonal Communication (3)
Theoretical understanding of the communication process and practical application of communication skills. Attention is given to such influences as perception, self-concept, emotion, and cultural context on communication. Practical exercises will develop such skills as perception checking, active listening, self-disclosure, and assertiveness. (same as PSY 243, liberal arts elective)

COM 244-Intro to Film/TV Production (3)
The course covers the principles and practical application of television directing and production. Techniques and concepts of video field production and video editing are introduced.

COM 245-Television Field Production (3)
Examines scripting, lighting, camera work, continuity, editing, logistics, and budgeting for video production on location. Surveys various types of electronic field production. Students complete and critique production exercises for technical and aesthetic aspects of form and content.

COM 307- Aesthetics and Design (3)

COM 314-Television Directing (3)
Covers all elements of TV directing to include program design, writing, visualization, production procedures and techniques, studio preparation, production, and individual evaluation.

COM 315-Script Writing for Film and TV (3)
COM 319 - Mass Media Research Methods (3)
Covers quantitative research methods in mass communications including sampling, survey, experimental, and content analysis. Reviews the identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of computer data analysis.

COM 320 - Telecommunications Technologies (3)
Surveys new technologies and communication networks. Issues such as the marketplace, government policy, the social impacts of new technologies, globalization, computer security, privacy, and changes in regulations may be covered.

COM 330 - Media Writing (3)
This course is designed to cover the principles, forms, and latest techniques of writing professionally for the media. Discussions and analysis of actual print and broadcast writing are included along with journalistic writing assignments. Prerequisite: COM 212 (Same as ENG 330, liberal arts elective)

COM 332 - Magazine Writing (3)
(For course description see ENG 332, liberal arts elective)

COM 336 - Advanced Audio Production (3)
An advanced course that will provide information and experience in complex audio production and recording. The course includes hands-on experience with 32-track-recording studio production equipment in both analog and digital environments. Students will produce a variety of recorded projects to demonstrate appropriate understanding of typical production tasks. Prerequisite: COM 236.

COM 337 - Voice and Articulation (3)
Covers aspects of voice and articulation in radio production. Students will create and critique their own broadcasts as well as critique professional broadcasts.

COM 339 - Newswriting (3)
(For course description see ENG 339)

COM 405 - Video Workshop (1)
Students develop programs for telecast on local TV or other venues and demonstrate skills in writing and producing. May be produced in conjunction with a professor and/or other students.

COM 406 - Documentary Research (3)
Explores the necessary research skills used in documentary production and news reporting including the gathering of information from primary and secondary sources and evaluation of information. Students create a formal documentary proposal with accompanying research. (liberal arts elective)

COM 411 – Film, Faith and Culture (3)
This course will explore the relationship between film, art and popular culture and the Christian faith. In addition to viewing films that are relevant to the Christian belief system, students will read, discuss and write about the listed course topics.

COM 420 – Senior Project in Communications (3)
This course will give students an opportunity to develop one final project that showcases their development and skill level in the chosen concentration. The
specifics of the project that each student will create will vary. In addition, the course will give all students, regardless of concentration and project, an opportunity to develop their demo reel or portfolio for employment in the media field. (repeatable)

COM 428 - Ethical Issues in Mass Communications (3)
An examination of ethical questions related to human communication.

COM 434 - Electronic Media Management (3)
Broadcast formats, programming, production, market analysis and development, ratings and audience analysis, personnel management, budgeting, station ownership, and governmental regulations are examined from a managerial perspective. Prerequisite: COM 232.

COM 435 - Media Law (3)
The background and current protections for speech and media, with attention to libel, privacy, copyright, obscenity, commercial speech and other areas.

COM 438 – Advanced TV/Film Production (3)

COM 440 - Topics in Communications (1-3, depending on topic)
Examination of selected topics of current interest to Communications faculty offered within the concentrations of the Communications Department: Cinema, Drama, Journalism, Mass Media, Broadcasting, and Rhetoric. Study of some topics may require independent research on the part of the students and may include presentation of findings or projects to the class.

COM 470 – Christian Worldview for Communications (3)
This course explores the transition from Modernity to post-Modernity. Students will study why this transition is taking place, learn about the effects of Western culture on the world, and learn to predict worldwide trends. Students will become aware of world issues resulting from this cultural shift and will be challenged to engage culture to create change.

COM 480 - Independent Study (1-3)
Independent study in an approved topic in Communications. Permission of the Department Head and Dean is required.

COM 490 - Internship (1-3)
The practical application of communications knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and the Dean.

COMPUTER SCIENCE (CSC)

CSC 103 - Introduction to Computers I (3)
Fundamental concepts of computers. Topics include computer hardware, software, operating systems, programming, networking, varied uses of computers, and ethical considerations. Word processing, spreadsheet, and Internet applications will be used extensively to provide theoretical knowledge and hands-on experience.

*Students who are able to demonstrate an acceptable proficiency in the use of computers may fulfill this requirement by choosing a higher level computer applications course with the department head's permission.
CSC 104-Introduction to Computers II (3)
Advanced introduction to the fundamentals of computers. Topics are the same as those for CSC 103 but will be explored at a higher level. Advanced treatment in word processing, spreadsheet, and Internet applications is included. In addition, students will gain practical knowledge in the areas of installation and maintenance of computers. Prerequisite: acceptable computer placement scores or department head’s permission.

CSC 112-Introduction to Programming I (3)
An introduction to computer programming using Visual Basic of C computer language. The course will explore fundamentals of computer programming and implementation. The topics to be covered include algorithms, form design, object definition, event-driven procedures, types of variables, input/output, subroutines, arrays, graphics, as well as linking other computer applications to the program. Students will be required to complete a series of programming projects. Prerequisites: elective.

CSC 201-Introduction to Programming II (3)
An introduction to programming language. An in-depth introduction to computer science at a level appropriate to those students considering a major or minor in computer science. Introduction to computer structure, problem-solving methods, and algorithm development. Software projects include design, coding, debugging, and documentation of programs in a high-level language. Emphasis will be on hands-on introduction to programming using JAVA. Prerequisites: CSC 104 and Math elective.

CSC 210-Computer Hardware Organization (3)
This course is designed to introduce students to the basic components of a computer and how they work together under the control of an operating system. The course will cover an introduction to the organization, structure, installation, configuration, diagnosing and troubleshooting, preventive maintenance of the major hardware components of computers. Prerequisite: CSC 104.

CSC 242-Webpage Design (3)
This course is designed for any student who wants to learn introductory web page design concepts and skills. Students will participate in a series of lectures/discussions and hands-on labs and projects. Prerequisites: instructor's permission.

CSC 243-Computer Arts (3)
This course is designed for both computer science and non-computer science students who want to learn computer graphic and image-editing techniques. Some of the topics to be covered include image retouching, painting, drawing, coloring, Web tools, and media integration. Adobe Photoshop, Image-Ready, and media compression software applications will be used. Students are required to complete a number of projects and a final website. Prerequisites: instructor’s permission.

CSC 245-Computer Graphics and Animation (3)
An introductory animation and graphics class focusing on the elements of 2D animation, computer illustration, and 3D animation. Emphasis is placed on frame-by-frame animation, Flash ActionScript, exporting in various movie formats, and
the creation of advanced interactive applications both for the web and for offline
distribution (i.e., CD-Rom). Prerequisite: instructor’s permission.

CSC 311-Data Structures and Algorithms (3)
A course in data types and structures including arrays, stacks, singly- and doubly-
linked lists, queues, trees, sets, and graphs. Students will learn storage management
and rudiments of the analysis of algorithms as well as programming techniques for
processing structures. Also covered are the techniques for sorting and searching,
hashing, and garbage collection. Prerequisite: CSC 201.

CSC 312-Database Concepts (3)
A course in database design and management. Topics include a conceptual
understanding of database systems, various database implementation methods,
database design using client/server methodology, relational and object-oriented
database technology, and database languages including SQL, 4GL, OLAP, and
DB2. Students are required to complete a series of projects that explore various
database environments. Prerequisites: CSC 112 or CSC 201.

CSC 340-Web Programming and Design (3)
This course is aimed at computer science students who want to learn serious web
programming and design. Topics include HTML 4.0, CGI programming,
JavaScript, ASP, SSI, Java Bean, JDBC, and Java. Students will learn to balance
the demand for the latest features in webpage design with the need for multi-
platform support and will develop the confidence to handle real-world problems.
Prerequisite: CSC 112 or CSC 201.

CSC 341-Management Information Systems (3)
(For course description see BUS 341)

CSC 342-Internet Database Management (3)
A course in Internet database management. Topics include applying fundamental
database design concepts to integrate databases in hybrid database environment,
understanding different Web application architectures and technologies, including
search engines, Active X, security, Web transaction processing, interface design,
legacy access, push technology, JDBC, JavaBeans, Servlets, and RMI for
database development. Students are required to complete a project. Prerequisite:
CSC 112 or CSC 201.

CSC 343-Website Construction (3)
This course is designed for students who want to learn advanced website design
concepts and skills. Topics include usability and accessibility issues, CSS,
streaming web content, DHTML, scripting and user interface animation. Students
are required to complete a number of projects and a final web site. Prerequisite:
CSC 242 or instructor’s permission.

CSC 345-Advanced Programming (3)
This is an advanced course designed for students who want to have an in-depth
understanding of programming language principles. Topics to be covered include:
(1) syntax and semantics, (2) survey of different programming language
paradigms: procedural, object-oriented, functional, logic, concurrent and special
purpose programming languages, (3) comparison between .Net and J2EE from the
programming language perspective. Prerequisite: CSC 112 or CSC 201.
CSC 347-Advanced Computer Arts (3)
This course is designed to focus on advance topics in computer graphic and image-editing techniques. Some of the topics to be covered include, advanced Adobe Photoshop, Adobe Illustrator, QuarkXPress, and student portfolio design. Students are required to present final project for credit. Prerequisite: CSC 243.

CSC 348-Digital System Design (3)

CSC 411-Software Engineering (3)
This course introduces the fundamental concepts of software engineering. The topics to be covered include: (1) software development life cycle models, (1) software requirements and analysis, (3) software design, (4) software implementation, (5) unit testing and system testing, (6) validation and verification and (7) software maintenance. Prerequisite: CSC 112 or CSC 201.

CSC 412-Project Management (3)
(For course description see BUS 412)

CSC 441-Data Communications and Networks (3)
An introductory course in data communications and computer networks. Topics include the terminology and architecture of data communications systems, data transmission concepts, fundamentals of computer networking, OSI reference model, and applications issues in file transfer, electronic mail, remote job entry, and network directory services. Prerequisites: CSC 210.

CSC 442-Operating Systems (3)
A course in design and implementation of operating systems. Topics include process management, process synchronization and interprocess communication, memory management, virtual memory, interrupt handling, processor scheduling, device management, I/O, and file systems. A case study of the Windows NT operating systems and programming project are required. Prerequisites: CSC 210.

CSC 443-XML and XHTML (3)
The development of XML (eXtensible Markup Language) is one of the milestones in the history of the Web. XML and HTML represent a large family of related technologies and languages. This course covers the fundamental concepts of XML and HTML. Topics to be covered include: (1) history of markup language and introduction to SGML, (2) XML DTD, (3) XML Schema, (4) XSLT, (5) XHTML, (6) XPath and XPointer, (7) XML Query Language and XML Database. If time permits, advanced concepts such as XMI, DOM will be discussed. Prerequisite: CSC 112 or CSC 201.

CSC 444-Electronic Commerce (3)
Introduction to Electronic Commerce which is a specific application of computer science. This course is designed for students majoring in either Computer Science or Business. Topics include Dataweb technology and database infrastructure for EC, Security, and Workflow technology as it applies to EC, Multimedia Technology Standards in Middleware and data exchange, Mobile Computing platforms, and Electronic payment systems. The course will be composed of lectures and round table discussions. The discussion will be based on student projects in subjects identified in the lectures as well as the reading assignments. Prerequisites: CSC 112 or CSC 201.

CSC 445-Network Security (3)
The course will provide the necessary foundations for understanding network security, including encryption techniques, design of secure systems and protocols, and enhancements for existing protocols like electronic mail, WWW and the Internet protocol. While the majority of the material will be drawn from the text, additional topical areas such as electronic cash, the WWW security protocol SSL, and Java security issues will be covered. Prerequisite: CSC 112 or CSC 201.

CSC 446-Network Management (3)
This course focuses on SNMP (Simple Network Management Protocol) and RMON (remote monitoring), the theoretical underpinning of each, and how they are effectively implemented in modern enterprise networks. Students will learn the purpose and functionality of SNMP and RMON protocols as they relate to the management of enterprise networks. Topics include SNMP message types, proxy agents, SNMP MIB Tree, how to troubleshoot complex networks using SNMP, RMON probes and embedded RMON, RMON functional groups, packet filtering, analyzing and interpreting captured packets, and implementing RMON in a switched environment. Prerequisite: CSC 112 or CSC 201.

CSC 447-Network Design and Implementation (3)
This course provides delegates with the information and skills needed to create and administer a networking services infrastructure design that supports the required network applications. Students will learn how to implement the components that make up the Windows 2000 network infrastructure. Topics to be covered include: (1) installing, configuring and supporting a network infrastructure that uses the Microsoft Windows 2000 Server (2) network applications interface (3) TCP/IP suite for Windows 2000 (4) Domain and Active Directory Services (6) security consideration. The course prepares candidates for Microsoft examinations 70-216 and 70-221. Prerequisite: CSC 210.

CSC 460-Special Topics in Computer Science (3)
Special topics arranged as the need and availability arise. Topics are usually offered on a one-time basis. Instructor’s permission required.

CSC 470-Computer Science Seminar (3)
Topics of current interest in computer science. Through this class, students may (1) become familiar with recent developments in computer science, (2) critique research ideas and present their views in front of a technical audience, and (3) exchange and foster ideas for further research. All students are expected to read a list of research papers, actively contribute to discussions in class, and make a 50-minute presentation on a research paper/project of their choice. Prerequisite: instructor’s permission required.

CSC 472-Integrative Project (3)
This course is designed for juniors or seniors. Students will apply the knowledge and skills acquired from their previous courses to develop a complex project, in an area of their choice, with a faculty mentor. Prerequisite: instructor’s permission.

CSC 480-Independent Study in Computer Science (1-3)
Independent study in an approved topic in Computer Science. Prerequisite: instructor’s permission.

CSC 490-Computer Science Internship (3)
A supervised computer-related field in industrial, governmental, or private sector. Faculty supervisor advises the student where to focus the learning objective for the given internship. A project at the internship is to be at the level of research expected in junior/senior independent study in computer science. Prerequisite: instructor’s permission

**CRIMINAL JUSTICE (CRJ)**

**CRJ 231- Police Organization and Administration (3)**
The course will examine the historical development and the present organization and administration of police departments. The course will also focus on organizational principles best suited to police service to the community. Topics include: evaluation of line staff, auxiliary functions, planning, and management.

**CRJ 236- Juvenile Justice Administration (3)**
The course will introduce students to the historical development of the concept of delinquency, the special status of juveniles before the law and juvenile justice procedural law. The course will examine origin, philosophy, and development of the juvenile justice system, particularly the juvenile court. Considers the structure and operations of the major components of juvenile justice systems and contemporary administrative structures in juvenile justice. The course will review development in law reform concerning delinquency and dependency, along with change and reform in the youth correctional system. (liberal arts elective)

**CRJ 245-American Judicial System (3)**
This course offers a comprehensive introduction to the American legal system, its roots in natural and common law, and the values it serves. The course will examine the nature of the judicial process: precedent and legal reasoning; the basics of criminal and civil lawsuits; the organization of state and federal courts, the Supreme Court and judicial review. Other topics include: American judicial structure, judicial decision-making, criminal law, civil law, and the legal profession (liberal arts elective)

**CRJ 256-Community and Corrections (3)**
The course explores and analyzes the philosophical foundations of community-based corrections and the development of major correctional programs based in the community. The course will examine the relationship between community and the correctional system, focusing on the relationships between prisons and the community. The course will focus on probation, parole, and other current community based strategies. Questions about the effectiveness of community-based correctional alternatives are also considered. (liberal arts elective)

**CRJ 315-Criminology (3)**
See course description for SOC 315.

**CRJ 330-Constitutional Law (3)**
See course description for BUS 330.

**CRJ 373-Criminal Law (3)**
This course surveys the American Criminal Justice system. Special attention will be paid to Elements of crime, defenses, historical foundation, limits, purposes and functions of criminal law. The course will examine the doctrines of criminal
liability in the United States and the classification of crimes against persons and property and the public welfare. Case studies include prosecution and defense decision-making in the criminal law process.

**CRJ 402-Ethical Issues In Criminal Justice (3)**
The course will examine and analyze the values and ethical dilemmas that are of major concern to criminal justice professionals. The focus will be on selected criminal justice ethical issues such as the morality of capital punishment, official corruption, use of deadly force, discretion and deception by the police. Other topics to be covered include: ethics vs. morals; laws and justice; role of judges; prosecutorial discretion; role of defense attorneys; and the role of correctional personnel. (liberal arts elective)

**CRJ 490-Criminal Justice Internship (4)**
The internship is designed to broaden the academic experience of students through appropriate observational and work assignments with criminal justice agencies. Correlation of theoretical knowledge with practice is emphasized. Students will be placed in an internship setting related to criminal justice within city, county, state, and federal criminal justice agencies. There are internship opportunities in the areas of local law enforcement, federal law enforcement, juvenile justice, probation and courts/law. Internships are competitive in nature and require substantial lead-time in terms of the application process.

**DEVELOPMENTAL STUDIES (DEV)**

**DEV 001-Developmental Writing (0)**
Intensive review of English grammar, usage, syntax, mechanics, and principles of effective written expression. Enrollment by permission of the Department of Academic Development.

**DEV 002-Developmental Reading (0)**
Intensive study and practice of basic reading skills; emphasis in fluency of reading and close analysis of written texts; systematic instruction in vocabulary and comprehension strategies for understanding standard written English.

**DEV 004-Developmental Math (0)**
This course is a combination of arithmetic and elementary algebra. It includes the arithmetic of integers, fractions, decimals, and percentages. In addition, such topics as signed numbers, algebraic representation, operations with polynomials, factoring, the solution of simultaneous linear equations of two variables, and graphing are covered.

**DEV 101-Fundamentals of Writing (1)**
This writing process workshop emphasizes writing as a response to reading literature. The student will develop skill in revising and editing, writing for various audiences, research and grammar usage. 1 credit earned, 3 credits equivalent. Taught in the summer only.

**DEV 103-Foundation of Literature (1)**
A sampling of several genres of literature will be used to reinforce reading skills and to facilitate the apprehending and enjoyment of literature. College level
vocabulary development and literal and interpretive comprehension will be emphasized. Students will be challenged to interact with literature by means of class discussion, group investigation, and personal response-journaling. 1 credit earned, 3 credits equivalent. Taught in the summer only.

DEV 107-Critical Thinking (1)
This problem-solving course will equip students with the tools to analyze current world events and philosophies from a Christian framework. Other topics will include: constructing arguments, discerning facts from opinion, using bias-free language, and believing vs. knowing. Students will engage in group discussion and team debates. 1 credit earned, 3 credits equivalent. Taught in the summer only.

DEV 110-Academic Life Skills (3)
A course in the techniques, tools, and strategies required for success in the college arena. Using a “big picture approach”, students will be encouraged to “create dreams stronger than their struggles” to develop intrinsic motivation. Special emphasis is given to developing a purpose-guided academic plan, time management, organizational strategies, and decreasing test anxiety.

DEV 111-Intermediate Writing (3)
This course is intended to help students achieve the skill “required for success” in freshman composition. Students will produce short compositions of 200-300 words developing abstract ideas with attention to logic, transition, and arrangement of ideas. Students will expand their vocabulary through an emphasis on usage required for work and everyday situations, as well as through the introduction of words and phrases for college study.

DEV 112-Introduction to College Readings (2)
This course will work on the development of reading proficiency. Attention will be given to word study and vocabulary. Both literal and figurative comprehension will be stressed. The objective is to introduce and examine a variety of readings in the area of Liberal Arts. Attention will also be given to useful strategies for study and test taking.

DRAMA (DRA)

DRA 104 Introduction to Dance (3)
An introduction to movement dance and choreography. Students will learn basic dance technique from a variety of dance styles, dance/movement terminology, research topics in dance history, a biblical foundation for dance, and principles of dance composition.

DRA 113-Oral Interpretation (3)
Study of the principles and techniques for effective oral interpretation of literature. Experience in such literary types as prose, poetry, dramatic monologues, Scripture reading, dramatic scenes, and theme programs. Meets general education speech requirement. (Same as COM 113)

DRA 171-Practicum: Performance (1)
Involves the student as an actor in the fall or spring dramatic production. Entrance by audition.
DRA 173-Practicum: Play Production (1)
Involves the student in a supervised project in an aspect of technical theater. In conjunction with fall or spring dramatic production. Instructor’s permission required.

DRA 205-Introduction to Theatre (3)
An overview of dramatic history, of techniques in acting, directing, staging, costume, make-up, lighting, publicity, and box office management, including instruction and training for staging ensemble dramatic productions in church or school.

DRA 206-Introduction to Musical Theatre (3)
An overview of the techniques essential to the performance, direction, and production of musical drama. Some attention is given to history of musicals, especially in the American scene.

DRA 219 African American Theatre (3)
In this course, students will read plays, attend performances, view videos and listen to music to discover the qualities that make theatre vital in the African American culture. The influences of the African American church, folklore, rituals, blues and jazz will also be incorporated.

DRA 230 World Drama (3)
(For course description see ENG 230)

DRA 316-Script Analysis for Performers (3)
This course teaches the processes for breaking scenes into playable beats and actions, character analysis techniques, playwriting styles and periods, and elements of design. Students will read and critically analyze dramas to gather clear, concise, and easily assimilated techniques tailored to actors’ needs and sensibilities. (Same as COM 316)

DRA 317-Playwriting I (3)
In this class, students will be revising scripts for live theatrical performances, resulting in the completion of a one-act play. (Same as ENG 317, liberal arts elective)

DRA 318-Playwriting II (3)
An extension of Playwriting I, this course gives increased emphasis on drafting and revising scripts for the stage. Students will complete a full-length play and submit to the appropriate theatrical house, school or church. Prerequisite: DRA/ENG 317. (Same as ENG 318, liberal arts elective)

DRA 335-Acting I (3)
Development of a viable acting technique through the coordination of thought, movement, and voice. Emphasizes textual and character analysis as the focal point of the acting process. Includes exercises, scene work, and keeping a journal.

DRA 336 Acting II (3)
A continuation of Acting I, with an emphasis on preparation for the professional stage. Prerequisite: DRA 335.
DRA 348-Drama and the Church (3)
An examination of theological, aesthetic, and historical factors involved in the relationship between the church and the theater. Investigation of and practice in materials and staging techniques for church drama. Recommended for WMIR and other college touring groups. (Same as CED 348, COM 348)

DRA 355-Theatre Performance in New York City (3)
Students analyze the difference between written and performative texts and learn to interpret acting and design modes. Trips will be taken to approximately 8-12 Broadway, off-Broadway, and church performances. Students are expected to pay for performances. (Same as COM 355)

DRA 472-Fundamentals of Play Directing (3)
Contains basic elements of directing with laboratory in theatrical problems and short scenes. Prerequisite: DRA 205. (Same as COM 472)

DRA 480 Topical Study (3)
Independent study in an approved topic in Theatre. Permission of the Department Head and Dean is required.

ECONOMICS (ECO)
All classes meet the liberal arts elective requirement.

ECO 201-Macroeconomics (3)
Survey and current applications of economic theories for the U.S. economy. Topics covered are unemployment, inflation, the simple Keynesian model, fiscal and monetary policies, money, banking, and international trade and finance.

ECO 202-Microeconomics (3)
Survey and current applications of economic theories for the individual firm and household. Topics include demand and supply in the product market, and the mechanisms of the labor and the capital markets. Prerequisite: ECO 201.

ECO 312-Intermediate Macroeconomics (3)
A classical, Keynesian, and contemporary analysis of income, employment, and price determination. Special topics include rational expectations in macro models and the dynamics of inflation. Prerequisite: ECO 201.

ECO 313-Intermediate Microeconomics (3)
Methodology, theory of consumer behavior and demand, theory of production and supply, determination of product and factor prices under varying market structures, welfare economics. Prerequisite: ECO 202.

ECO 327-History of Economic Thought (3)
A survey of the writings, theories, and lives of the major figures in the history of economic thought, starting with Adam Smith. The original works of Malthus, Ricardo, Mill, Marx, Jevons, The Austrian School, and Marshall will also be examined and put into perspective.

ECO 334-Economics of Sport (3)
Analysis of the economic process involved in sport management. Deals with economic theory to sports, sports marketing and sports finance. Touches on labor market issues, economics and the NCA and various issues in sports business.
ECO 340-The Economics of Developing Countries (3)
Theoretical and empirical investigation of economic development of underdeveloped countries. Includes a study into the nature and causes of poverty along with discussions on our role as Christians in the Third World developing countries.

ECO 341-International Economics (3)
A detailed study of international trade and finance with both macro and micro applications. Topics include balance of payments, foreign exchange markets, and the development of international economic institutions and the world economy. Prerequisites: ECO 201 and ECO 202 or by consent of the department chairperson.

ECO 345-Entertainment Industry Economics (3)
(For course description see BUS 345)

ECO 362-Money and Banking (3)
Advanced study of the financial markets and how they interact with a firm. Discussion and study of the structure of the financial markets and the banking systems past development and the future directions of the financial markets. Prerequisite: ECO 201.

ECO 411-Urban Economics (3)
Analyzes economic issues affecting urban areas and includes taxation, enterprise zones, development, poverty, transportation, housing, etc. Prerequisite: ECO 202.

ECO 420-Industry Analysis (3)
Examines firm behavior in selected industries using case studies. Includes assessment of government policies that impact industry economics, e.g., antitrust, regulation. Course prepares students seeking positions in government policy analysis or in industry. Prerequisite: ECO 202.

ECO 440-Economics of Social Issues (3)
Offers a review of contemporary social issues from the perspective of economic theory and analysis. Issues include crime, poverty, health care, environment, discrimination, unemployment and minimum wage, and trade. Prerequisite: ECO 202.

ECO 451-Comparative Economics (3)
This course analyzes various economic systems of economic organization including a comparison of socialist, centrally based economies and market economies. Prerequisite: ECO 202.

ECO 461-Environmental Economics (3)
Applies economic theory and practice to natural and environmental issues. Includes pollution and pollution control, natural resource issues, and cost/benefit analysis. Prerequisite: ECO 202.

ECO 470-Topics in Economics (3)
A capstone course that covers current economic thought and reviews the contributions of Nobel Laureates to economics. Prerequisites: ECO 202. Seniors only.
ECO 480-Independent Study (1-3)
Independent study in an approved topic in Economics. Permission of the Department Head and Dean is required.

ADOLESCENT EDUCATION (EDS)

EDS 318- General Methods in teaching Grades 7-12 (3)
A student teaching prerequisite designed to prepare Adolescent Education teacher candidates to plan and present effective lesson plans and units. Teacher candidates will design lessons meeting the needs of general and exceptional 7-12 students, including at risk and ELL students. Pre-requisites: EDU 246, 258, 259 and admission to the School of Education. Co-requisite: EDS 391 or 392.

EDS 321-Special Methods for Teaching Math for Middle Childhood and Adolescent Education (3)
Application and analysis of teaching competencies specific to the subject area of Mathematics. Topics covered are innovations in curriculum design, instructional practice, technology, and development of a unit of study. Prerequisites: EDU 246, 258, 259 and admission to the School of Education. Co-requisite: EDS 391 or 392.

EDS 323-Special Methods for Teaching English in Middle Childhood and Adolescent Education (3)
This course prepares the teacher candidate to teach English/language arts in grades 7-12. Instruction is based around integration of NCTE (National Council of Teachers of English) and NYS content and pedagogical standards. Each teacher candidate designs and presents lessons and a unit plan reflecting NCTE standards. The emphasis is on preparing teacher candidates to attain the knowledge, skills, and dispositions to be successful in teaching English/language arts in grades 7-12. Pre-requisites: EDU 246, 258, 259 and admission to the School of Education. Co-requisite: EDS 391 or 392.

EDS 324-Special Methods for Teaching Social Studies for Middle Childhood and Adolescent Education (3)
This course prepares the teacher candidate to teach social studies in grades 7-12. Instruction is based around integration of NCSS (National Council for the Social Studies) and NYS content and pedagogical standards. Each teacher candidate designs and presents lessons and a unit plan reflecting the ten thematic NCSS standards and five social science disciplines. The emphasis is on preparing teacher candidates to attain the knowledge, skills, and dispositions to be successful in teaching social studies content and skills in grades 7-12. Prerequisite: EDU 258, 259, School of Education approval. Pre-requisites: EDU 246, 258, 259 and admission to the School of Education. Co-requisite: EDS 391 or 392.

EDS 334-Literacy Integration in the 7-12 Curriculum (3)
Literacy preparation is a requisite for NYS certification of 7-12 educators and a student teaching pre-requisite. This course will prepare middle and secondary teacher candidates to integrate reading and writing skills into the social studies, mathematics, and English curriculum. In addition, EDS 334 will provide an academic literacy model and methods for meeting the needs and exceptionalities for all 7-12 students, including at-risk and ELL students, within the regular classroom setting. Prerequisites: EDU 246, 258, 259 and admission to the School of Education. Co-requisite: EDS 391 or 392.
EDS 391-Third Year Fall Field Experience: Adolescent (0)
Thirty-five hours of field experience in grades 7-9 in the areas of English, Social Studies, or Mathematics. Co-requisite: appropriate methods courses.

EDS 392-Third Year Spring Field Experience: Adolescent (0)
Thirty-five hours of field experience in grades 10-12 in the areas of English, Social Studies, or Mathematics. Co-requisite: appropriate methods courses

EDS 470-Seminar in Student Teaching (2)
Philosophical and practical problems of the classroom experience of student teaching. Analysis of curricular theory, classroom management and decision-making, and consideration of other contemporary issues in Christian and public school education. Taken concurrently with EDS 494 and EDS 495. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDS 494-Supervised Student Teaching: Grades 7-9 (5)
Directed observation and participation on a full-time basis for one placement in approved schools. The student teacher will be expected to demonstrate the competencies expected of a beginning teacher in his/her area of certification. Candidates will work with one or more cooperating teachers and a Nyack College supervisor. Taken concurrently with EDS 470. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDS 495-Supervised Student Teaching: Grades 10-12 (5)
Directed observation and participation on a full-time basis for one placement in approved schools. The student teacher will be expected to demonstrate the competencies expected of a beginning teacher in his/her area of certification. Candidates will work with one or more cooperating teachers and a Nyack College supervisor. Taken concurrently with EDS 470. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EARLY CHILDHOOD EDUCATION

ECE 250-Early Childhood Observation and Assessment (3)
This course examines the techniques and tools utilized in the early childhood setting, in order to understand the growth and development of young children, meet their individual needs and build upon their strengths. Students will examine formal and informal assessments and practice techniques of observation, assessment and documentation of a child’s development, for the purpose of planning developmentally appropriate programs, environments, interactions and adaptations. Corresponding theory, critical issues, and curricula will be related to the fieldwork. Corequisite: ECE 293 Early Childhood Observation & Assessment Field Experience and EDU 259 Teaching and Learning Strategies.

ECE 293-Early Childhood Observation & Assessment Field Experience (0)
Required for ECE 250 Early Childhood Observation and Assessment and EDU 259 Teaching & Learning Strategies. Twenty hours of supervised field experience focusing on classroom observation and assessment. Students will observe children in two different age groupings and record findings. Topics include: separation; physical, social, emotional and cognitive development;
attention span; literacy; creativity; play and exploration; self-concept. Professional observation and assessment tools include: class log; checklists; anecdotal and running records; frequency counts; time samples; cognitive task experiments; rating scales; work samples; technology; program assessments; portfolios. Co-requisite: ECE 250 Early Childhood Observation & Assessment and EDU 259 Teaching and Learning Strategies.

**ECE 337-Infant Toddler Development and Environments (3)**
This course examines the education and care of young children birth – age three, utilizing developmental principles and research as a framework for group care that supports and meets the specific needs of infants and toddlers. Methods and materials for creating environments that provide safe exploration and play, meaningful experiences and stimulation, responsive routines and schedules, and continuity with family and culture will be studied. Prerequisite: School of Education approval. Corequisite: ECE 391 Third Year Fall Field Experience: Early Childhood

**ECE 338-Early Childhood Program and Curriculum (3)**
This course engages students in the process of developing and implementing curriculum for children from birth – grade 2 with an emphasis on the preschool child. The planning of developmentally appropriate learning experiences, the design of learning environments, the use of play and exploration for the purpose of expanding and nurturing the young child’s social, emotional, cognitive, linguistic, physical and aesthetic growth are covered. As part of an integrated approach to curriculum, students work with and develop materials and methods that address the content areas associated with domains of early childhood growth and development, based on observations of what is relevant to children and how they construct meaning. Content areas include: art and creative experiences; music and movement; dramatic play; block play; emergent language and literacy; math and science. The use and support of information and communication technologies is examined. Attention is given to children’s prior knowledge, diverse needs and cultural values. Prerequisite: School of Education approval. Corequisite: ECE 392 Third Year Spring Field Experience: Early Childhood

**ECE 339-Childhood Health, Safety and Nutrition (3)**
This course will prepare students to make appropriate decisions regarding first aid care and to act on those decisions. Students will learn how to take the appropriate action in providing care for a variety of injuries or sudden illnesses. Lifesaving skills instruction will include rescue breathing and Cardio Pulmonary Resuscitation (CPR) for infants, children, and adults. Topics include communicable diseases, immunizations, sanitation, recognition and prevention of child abuse, identifying problems and screening techniques for vision and hearing, teething and dental health, basic nutritional needs appropriate meal planning. Students who successfully complete the course will be eligible for American Red Cross course completion certificates. Students will have the opportunity to receive state certification in child abuse and maltreatment reporting methods. Corequisite: EDU 247 Health Issues.

**ECE 341-Web Design for Teachers (3)**
This course introduces education majors to good principles of web design so they can develop professional web pages and create effective means of communication with students and parents. Candidates will learn the skills to develop and manage their own websites including basic HTML and uploading

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skills and will address privacy, copyright and fair use and accessibility issues. The course is designed to meet NETS standards.

**ECE 342-Early Childhood Leadership and Management (3)**
This course for the advanced early childhood student, presents theoretical and practical aspects of effectively guiding children's behaviors; dealing with challenging behavior; and fostering moral and spiritual development, in early childhood environments. This course examines the best practices for effective leadership in and current issues of Early Childhood Education; and acquaints early childhood students with practical matters involved in establishing and maintaining a high quality early childhood facility or program.

**ECE 391-Third Year Fall Field Experience: Early Childhood (0)**
Required for ECE 337 Infant Toddler Development and Environments. Twenty-five hours of supervised field experience in early childhood settings. Candidates progress from observers to full participants in the assigned infant/toddler settings. Candidates critically examine the ways in which the early childhood program meets the physical, intellectual, emotional and social needs of young children and parents. Attention is given to how the development of attachment, perception, motor skills, cognition, language, emotions, and social skills inform programming; integration of education and care-giving, play-based curriculum; physical environment; inclusion; anti-bias; linguistic and cultural diversity; relation and communication with staff and families.

**ECE 392-Third Year Spring Field Experience: Early Childhood (0)**
Required for ECE 338 Early Childhood Program and Curriculum Development. Thirty-five hours of supervised field experience in early childhood settings. Candidates progress from observers to full participants in the assigned preschool, kindergarten, grade 1-2. Attention is also given to child-initiated project investigations and documentation of those explorations. Candidates relate theory to practice in: environment design; lesson plan and curriculum implementation; guidance, discipline, and classroom management; communication skills; and staff/child/family relationships.

**ECE 470-Senior Seminar (2)**

**ECE 480-Independent Study (1-3)**
Independent study in an approved topic in Early Childhood Education. Permission of the Department Head and Dean is required. *Suggested Elective Courses:* Supporting Young Children’s Emergent Language and Literacy (2), Instruction and Assessment for Teaching Young Children in an Inclusive Setting (2), Creative Learning Activities in the Early Childhood Classroom (2), Home, School, Community: Parent-Teacher Partnerships (2), Issues and Trends in Early Childhood Education (2).
ECE 491-Supervised Student Teaching I (5)
Application of professional knowledge and skills in an assigned early childhood setting at the infant-toddler, preschool or kindergarten-primary level under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

ECE 492-Supervised Student Teaching II (5)
Application of professional knowledge and skills in an assigned early childhood setting at the infant-toddler, preschool or kindergarten-primary level under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDUCATION (EDU)

EDU 191-First Year Field Experience (0)
Ten hours of supervised field experience focusing on classroom observation. Required for EDU 246 Foundations of Education.

EDU 221-Introduction to Teaching with Technology (1)
This course surveys the basic uses of technology, history of technology, trends in educational technology, and the hardware, software and methodologies used in today's classroom. The teacher candidate will experience learning with technology, use a variety of software, and explore various use of technology in the classroom. This course is designed to address the NETS (National Educational Technology Standards) for the General Preparation Level and is a prerequisite for taking EDU 300-level technology electives.

EDU 222-Educational Applications of Word Processing and Spreadsheets (1)
The basic tools of word processing and spreadsheets will be developed with special application to educational applications. Graphing and charting will be applied to classroom situations.

EDU 240-Fine Arts in Christian Perspective (3)
(For course description see FNA 242)

EDU 246-Foundations of Education (3)
This course is an introduction to the essential issues, trends, challenges and opportunities in pre-k–12 education. It provides an overview of the historical, philosophical, social and cultural roots of pre-k–12 education in America, and their impact upon current practices. Ethical issues and standards as well as the roles of the educator, are emphasized. Major theories of teaching and learning and their application to diverse learners, are incorporated into discussions, readings and assignments. Corequisite: EDU 191.

EDU 247-Health Issues for Educators (1)
Provides candidates with the means to identify and prevent tobacco, drug/substance abuse, child abuse and maltreatment, and child abduction. Candidates will be able to provide safety education and provide instruction in fire and arson prevention. Candidates will also be trained in violence prevention and communicable disease awareness/prevention, including AIDS awareness.
All components will be presented with the time and content as required by New York State Education requirements for certification.

**EDU 258-Development and Learning Theory (3)**
Explores the process of social, emotional, cognitive and physical development and change from birth through the adolescent years. Major development and learning theories and the way they inform childrearing and educational practices are critically examined. Students investigate and consider how history, culture, class and gender identification influence the child. A variety of research methods will be used in completing course assignments. Corequisite: EDU 291. (liberal arts elective)

**EDU 259-Teaching and Learning Strategies (3)**
The study of effective teaching practice as it relates to application of learning theory in classroom instruction, management, and assessment. Also the study of diverse learners including gifted, learning disabled, and diverse intelligences. Social and cultural effects on learning will also be considered. A portfolio will be compiled during the course. Corequisite: EDU 292 or for Early Childhood Education majors ECE 250 and EDU 293. (liberal arts elective)

**EDU 291/292-Second Year Field Experience (0)**
Ten hours each semester (Fall and Spring) of field experience with emphasis on tutoring. Required for EDU 258/259.

**EDU 311-Health and Wellness for Educators (2 or 3)**
The purpose of this course is to enable students to study and implement permanent, life-changing, life-enhancing, and mission-directed wellness plans. Students will critically examine health and wellness concepts within the context of a spiritual (distinctly Christian) commitment. From this perspective, students will be encouraged to adopt attitudes and make behavioral choices that support spiritual values. EDU/ECE students will expand and apply health and wellness principles to early childhood/childhood environments and curriculum. (same as PED 231)

**EDU 312-Classroom Management (2)**
This course will enable the future teacher to create a positive learning environment for all students. Included will be such topics as organizational skills, theories of discipline, motivational techniques, parent/community resources, understanding student needs, etc. Research studies of pedagogy will be utilized as well as case studies.

**EDU 319-Internet for Teachers (1)**
Course emphasizes web-based resources as tools for curriculum and instructional improvement. Participants will design on-line lessons, develop units using available internet resources. Course design addresses the NETS (National Educational Technology Standards) for the Professional Preparation Level. Prerequisite: EDU221.
EDU 321—Technology Applications for Teachers (1)
This course explores the use of technology as a teaching tool by expanding on the foundational skills learned in EDU 221. What does a technology literate teacher need to know in the 21st century classroom? Teacher candidates will meet the NETS (National Education Technology Standards) by designing a web-based unit and lesson plans and learning how to infuse technology into their classroom curriculum. Prerequisite: EDU 221. Corequisite: methods courses.

EDU 322—Publishing Tools for Teaching (1)
The course uses the tools of word processing, graphics, and digital imaging to develop products for the classroom through desktop publishing. Several types of publishing will be done using a variety of tools and programs.

EDU 325—Learning Disabilities: Characteristics & Teaching Strategies (2)
This course addresses the characteristics of children with learning disabilities, the causes of learning disabilities and the most reliable educational interventions for students with learning disabilities. Inclusive education is emphasized. Prerequisite: EDU 246.

EDU 331—Methods in Teaching Science in the Elementary School (3)
Methods and materials in teaching science for grades 1-6. Candidates will utilize both the NSTA (National Science Teachers Association) thematic standards and the New York State standards in designing and presenting lesson and unit plans. In addition, teacher candidates will be prepared for the science component of the CST (Content Specialty Test) required for New York State certification. Laboratory experience. Prerequisites: MAT 101, EDU 246, EDU 258, EDU 259, School of Education approval. Corequisite: EDU 391.

EDU 332—Methods in Teaching Social Studies in the Elementary School (3)
Provides teacher candidates with the principles and techniques of instructing children in the skills and knowledge of the grade 1-6 curriculum. Candidates will utilize both the NCSS (National Council for the Social Studies) thematic standards and the New York State standards in designing and presenting lesson and unit plans. In addition, teacher candidates will be prepared for the social studies component of the CST (Content Specialty Test) required for New York State certification. Prerequisites: EDU 246, EDU 258, EDU 259, School of Education approval. Corequisite: EDU 391.

EDU 333—Methods of Teaching Literacy I (3)
This course examines principles of emergent literacy in young children (birth-grade 2) and introduces theories, practices, and materials for teaching language arts literacy in the diverse classroom. Prerequisite: Prerequisites: EDU 246, EDU 258, EDU 259, School of Education approval.

EDU 334—Methods of Teaching Literacy II (3)
This course examines strategies for teaching, organizing and applying tools of literacy, and assessing reading and writing in diverse classrooms in grades 3-6. Corequisite: EDU 392. Prerequisites: EDU 246, EDU 258, EDU 259, School of Education approval.
EDU 335-Methods of Teaching Literacy III (3)
This course will build on the foundation provided in Literacy I and II to focus on students requiring differentiated in-class instruction and support services to succeed in the classroom. Interpreting and utilizing diagnostic information, classroom management and grouping for maximum learning, individualized literacy methods, and authentic assessment will enable candidates to effectively instruct a diverse body of learners. Prerequisites: EDU 246, EDU 258, EDU 259, School of Education approval. Corequisite: EDU 392.

EDU 336-Methods in Teaching Math in Elementary School (3)

EDU 341-Web Publishing (2)
The course will review basic WWW use and webpage design. Candidates will develop educational webpages for use in instruction or the classroom for student products.

EDU 344-Teaching the Bible (2)
(For course description see CED 344)

EDU 353-The Exceptional Child (2)
A study of the behaviors and needs of children whose learning patterns do not match the standard school curricula (i.e. gifted/talented children, mainstreamed children and children from homes where English is not spoken), examination of methods and resources for teaching, and review of alternative educational programs (Same as CED 353)

EDU 361-Assessment Methods for the Classroom (2)
This course gives future teachers procedures and methods that can be used to gather information to make decisions. Candidates will examine assessment models and legal issues. A study of statistics and the concepts of measurement introduce school assessment for ability, achievement, and the subject areas. Alternative assessment and current trends in assessment will also be discussed.

EDU 389-Teaching in a Cross-Cultural Environment (2/3)
This course is an integrated program of intercultural study/service/experience and reflection. For a minimum of two weeks, students will engage in intensive service/learning projects which expose students to local culture, environment, community and economic conditions. Teams will select and develop service learning projects and itinerary based on interests and areas of study. Areas include but are not limited to: education (early, childhood, adolescent, TESOL), intercultural communication, business, foreign language, social science and natural science.

EDU 391-Third Year Fall Field Experience: Childhood (0)
Thirty-five hours of tutoring and other 1st-6th classroom responsibilities. Required for EDU 331 Methods of Science and EDU 332 Methods of Social Studies.
EDU 392-Third Year Spring Field Experience: Childhood (0)
Thirty-five hours of field experience in 1st-6th grade school setting. Required for EDU 334 Literacy II, EDU 335 Literacy III, and EDU 336 Methods of Teaching Math in Elementary School. This field experience will include working with students in language arts and mathematics as well as developing a child study.

EDU 441-The Christian Teacher (3)
This course is designed to be a capstone class in the School of Education. The teacher candidate will examine how Christian Education has been emphasized and practiced historically. Areas of emphasis include highlighting how Jesus taught, the early church, the Reformation era, the religious education movement in America, the issues facing Christian teachers and Christian schools today. The teacher candidate will also explore the distinctive that are unique to Christian Schools. Further, an emphasis will be made to learn to communicate, model and teach the central values of the historic Christian faith in a contemporary classroom setting. A distinct focus of the course also include the faith, learning, and transformation concept, and the importance of a philosophy of Christian Education. Prerequisite: School of Education approval.

EDU 442-Current Topics in Education (2)
The study of various topics of current interest to the prospective classroom teacher. Topics that have been offered include Whole Language Learning and Classroom Management. Candidate requests for a specific topic will be given priority consideration.

EDU 443-Arts and Crafts (2)
Principles and methods of utilizing crafts in the elementary classroom. Study and creative experience in major craft area techniques will be explored. (Same as CED 443)

EDU 445-Educating a Diverse Society (3)
An introduction to problems of bilingual, multicultural, inclusive, and/or multi-age classrooms. This includes a study of federal and state laws and their applications in local school districts. Prerequisite: School of Education approval. (liberal arts elective)

EDU 446-Educational Media (2)
(For course description see CED 446)

EDU 448-Children’s Literature (2)
Literature for children in the elementary school and guidance of children’s original literary efforts.

EDU 470-Senior Seminar (2)
Philosophical and practical problems of the classroom experience of student teaching. Analysis of curricular theory, classroom management and decision-making, and consideration of other contemporary issues in Christian and public school education. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences. Corequisites: EDU 492 and EDU 493.
EDU 480-Independent Study (1-3)
Independent study in an approved topic in Childhood Education. Permission of the Department Head and Dean is required.

EDU 492-Supervised Student Teaching in the Lower Elementary School (5)
Application of professional knowledge and skills in an assigned class at the Grades 1-3 school level under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDU 493-Supervised Student Teaching in the Upper Elementary School (5)
Application of professional knowledge and skills in an assigned class at the Grades 4-6 school level under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

MUSIC EDUCATION (EDM) – see MUSIC courses under School of Music

TESOL (EDT)

EDT 341-TESOL: Methods and Materials (3)
Demonstration, discussion, and practice in teaching English language skills in listening, speaking, and pronunciation. Application of techniques for teaching English to speakers of other languages using communicative and integrative approaches. Also included are the history of teaching methods and the evaluation of published materials. Prerequisite: School of Education approval. Corequisite for TESOL majors: EDT 391.

EDT 342-Methods in TESOL: Language Arts (3)
Techniques for teaching English language skills in reading, writing, grammar, and vocabulary will be demonstrated, discussed, and practiced. Principles of ESOL materials designed for reading and writing arts will also be covered. Prerequisite: School of Education approval. Corequisite for TESOL majors: EDT 392.

EDT 343-Methods in TESOL: Math, Science and Social Studies (3)
Techniques for teaching mathematics, science, and social studies in the ESL classroom. Focus on adapting materials and classroom practice for sheltered English instruction. A variety of assessment methods are examined. (Offered even years) Prerequisite: School of Education approval. Corequisite for TESOL majors: EDT 392.

EDT 381/2-TESOL Overseas Practicum (3)
Application of professional knowledge and skills in a supervised English for speakers of other languages classroom at any age level, child through adult or an approved ESOL program. The number of teaching hours, additional requirements, and location will be determined in consultation with the TESOL Department Chair. EDT 381 offered Fall, EDT 382 offered Spring. Requires a 2.5 cumulative GPA.
Undergraduate Course Descriptions

EDT 391-Third Year Fall Field Experience: TESOL* (0)
Supervised field experience with K-6th Limited English Proficiency students, focusing on literacy skills. Required for EDT 341. must be with Limited English Proficiency students in the area of Social Studies. TESOL majors only.

EDT 392-Third Year Spring Field Experience: TESOL* (0)
Supervised field experience with 7th-12th Limited English Proficiency students. Required for EDT 342 and EDT 343. Field experience for EDT 343 must be with Limited English Proficiency students in the areas of Social Studies, Science, and Math. TESOL majors only.

* TESOL majors are required to do a combined total of 70 hours of K-12 field experience as part of courses EDT 341, 342, and 343. Up to 35 hours (50%) may be obtained by teaching in English for speakers of other languages programs provided by faith-based organizations, community organizations, approved overseas English teaching programs, as well as those conducted by English Teachers for Christ teams. Alternatives to school-based experiences require instructor approval. The remainder of the field experience must be divided between elementary and secondary schools.

EDT 470-Senior Seminar (2)
Culminating seminar related to the beginning teaching experience, using research on teaching to enhance effective practice. Attention to student-teacher relationships, motivation, perceptions of competence and control, coping styles, intervention strategies, and current topics in education. Taken concurrently with EDT 492 and EDT 495. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDT 492-Supervised Student Teaching in the Elementary School (TESOL) (5)
Application of professional knowledge and skills in an assigned class at the Grades K-6 school level under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Taken concurrently with EDT 470. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDT 495-Supervised Student Teaching in Secondary School (TESOL) (5)
Directed observation and participation on a full-time basis for one placement in approved schools. The student teacher will be expected to demonstrate the competencies expected of a beginning teacher in his/her area of certification. Students will work with one or more cooperating teachers and a Nyack College supervisor. Taken concurrently with EDT 470. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.
ENGLISH (ENG)
All classes meet liberal arts elective requirement.

Writing Courses

First time students who enter Nyack College with a 600 Verbal SAT Score (or 50 Test of Standard Written English Score) are exempt from College Writing I. College Writing II and 3 credits of upper-level writing or literature courses are required. Transfer students who enter without a research-based writing course (as determined by a college catalogue description) must take College Writing II even if they transfer 6 or more credits of writing courses. Students who enter with an Advanced Placement English score of 4 or 5 in the Language and Composition exam are exempt from ENG 101-College Writing I. A grade of “C” (not “C-“) or better in ENG 102 is necessary to fulfill the College Writing core requirement. Appeals to these policies may be made to the English Department head.

ENG 101-College Writing I (3)
In this course, devoted to helping students produce, revise, and edit effective prose, students learn to separate the creating from the criticizing process through a number of activities, including free-writing, brainstorming, discussion of writing samples, peer editing of rough drafts, and revision of essays. Students learn strategies for creating effective thesis statements, openings, closings, transitions, supporting middle paragraphs, sentence structures, and appeals to audience. Students also learn the rudiments of research using print and electronic sources. In addition to in-class writing and prewriting activities, students will complete at least four informal papers and four formal papers. Students are required to write a short research paper that is grammatically correct, appropriately researched, and correctly documented according to MLA style.

This course is also offered in an ESL format (for those students whose first language is not English. Prerequisite: CELT 200/TOEFL 500.

ENG 102-College Writing II (3)
An extension of College Writing I, this course gives increased emphasis on drafting, revising, and editing essays which extend, explain, and evaluate human experience and thought. Students discuss and analyze evocative written texts, including literary works, and write an extended research paper.

Students will write literary analyses and position papers. The extended research project will be completed in stages, which will emphasize research skills, bibliographies, assessment of resources, rough drafts, and a final formal paper. Students will be expected to complete in-depth research using a full range of print and electronic sources. A grade of “C” or better (not “C-“) is necessary to fulfill the College Writing Core Curriculum requirement. Prerequisite: ENG 101. Corequisite or Prerequisite: INT 101.

This course is also offered in an ESL format for those students whose first language is not English. Prerequisite: CELT 200/TOEFL 500.

ENG 182-Practicum: Yearbook Production (1-2)
(For course description see COM 193)

ENG 214-Speech Writing (3)
(For course description see COM 214)
ENG 235-Introduction to Journalism (3)
Introduction to journalistic writing for print media; exploring, gathering, writing, and evaluating news events; newspaper and journal structure; production processes; basic legal issues of free speech and libel. Prerequisite: ENG 101 or equivalent. (Same as COM 235)

ENG 311-Creative Writing (3)
This writing course utilizes small-group and full class workshops in short fiction and poetry. (ENG 311 does not satisfy Core Curriculum Literature requirement.)

ENG 315-Scriptwriting (3)
In this class, students will participate in drafting and revising scripts for live theatrical performance. (Same as COM 315)

ENG 330-Media Writing (3)
(For course description see COM 330)

ENG 332-Magazine Writing (3)
How to write for national religious and secular magazines. Choice of articles: Bible exposition, personal discovery, academic-technical, humor, essays, satire, parables, reportorial features. Principles of editing are included. Prerequisite: ENG 235 (Same as COM 332)

ENG 339-Newswriting (3)
An overview of the various areas of broadcast and journalistic news writing including news, documentaries, music, drama, and advertising with assignments in each genre. Discussion and analysis of actual broadcasts are included along with journalistic writing assignments. Prerequisite: ENG 235 (Same as COM 339)

ENG 340-Writing Biography, Autobiography, Memoir (3)
In this advanced writing course, students will explore the theory and practice of the biographer, the autobiographer, and memoir writer. Writers will work on personal work as well as research to write others’ stories.

ENG 341-Writing Spiritual Autobiography (3)
This course involves an active reading of past and present spiritual autobiographies, as well as a challenging and interactive writing workshop, where students can hone their skills in communicating memoirs. Strong student material will be submitted to be considered for publication in Alliance Life. This course is only offered at the New York City Campus.

ENG 364-Writing Theory (3)
Students will examine contemporary theories of the writing process, with special emphasis on the writing-reading connection. Students will apply the theories discussed. ENG 364 is recommended for B.A. majors in English with concentration in Adolescent Education.

ENG 441-Advanced Expository Writing (3)
In this advanced workshop-styled course in rhetoric and essay writing, students will explore the relationships between audience, purpose, voice, and style of mature scholarly and popular discourse. Writing projects will be designed for possible publication.
ENG 443-Advanced Poetry Workshop (3)
Through written exercises and workshop discussions, students will learn the
techniques of open and closed verse. Students are encouraged to submit poetry to
contests and for publication. Prerequisite: ENG 311.

ENG 445-Fiction Writing (3)
In this course, students will learn the methods of writing the short story, combined
with study of contemporary fiction.

Literature Courses

ENG 201-Global Literature I (3)
This class presents an overview of the masterworks of Eastern and Western
cultures from the rise of ancient civilizations to the mid-seventeenth century.
Students will focus on the differences between the literary traditions, social
philosophies, and value systems of the East and West. Typical readings include
Homer, Sophocles, Virgil, The Mahabharata, Confucius, Li Po, Dante, Petrarch,
Omar Khayyam, Hafiz, de Pizan, Shakespeare, Cervantes, Milton, and Shikibu.
Prerequisite: ENG 101.

ENG 202-Global Literature II (3)
Students will overview of the masterworks of the world from the 18th century to
the present. Typical readings include Swift, Rousseau, Goethe, Austen, Flaubert,
Tolstoy, Ibsen, Conrad, Achebe, Borges, Paton, Kingston, Angelou, Gordimer,
Naipul, Markandaya, Morrison, and García Marquez. Prerequisite: ENG 101.

ENG 230-World Drama (3)
This course presents a chronological study of drama from the emergence of early
society to the modern era. (Same as DRA 230)

ENG 231-Modern Drama (3)
Students will study selected world dramas from Ibsen to the present.

ENG 238-Short Story (3)
This class explores the short fiction of various cultural traditions, periods, themes,
or individuals.

ENG 239-Adolescent Literature (3)
A survey of various genre in literature for young adults, including intensive
reading in the best of this literature and application of both critical and pedagogical
strategies to the reading.

ENG 255-Legends of King Arthur (3)
This course presents a comparative study of the legends of King Arthur and the
tales associated with the Camelot legend from early Welsh (or Cèltic) times to the
present. Special attention is given to historical development of the legends.

ENG 259-Oxford Christian Writers (3)
Students will study selected narratives of George MacDonald, G.K. Chesterton,
Charles Williams, Dorothy Sayers, C.S. Lewis, and J.R.R. Tolkien, with a dual
emphasis on literary craftsmanship and theological insight.
ENG 310-The Bible as Literature (3)
No writing has been more influential in Western literature than the Bible. This course will focus on the distinctive poetic and literary qualities of the King James Version of the Bible through discussions of theme, image, metaphor, simile, symbol, paradox, irony, dialogue, and narrative form. The books of the Bible to be covered include Genesis, Exodus, Job, Psalms, Proverbs, and Revelation, as well as the Gospels.

ENG 312-Literary Criticism (3)
This course comprehensively surveys theory and methodology in literary criticism with particular emphasis on major critics such as Plato, Aristotle, Sidney, Johnson, Arnold, Freud, Woolf, and Derrida.

ENG 317-Playwriting I (3)
(For course description see DRA 317)

ENG 318-Playwriting II (3)
(For course description see DRA 318)

ENG 321-Medieval Literature (3)
Students will study selected texts and the historical development of the Old and Middle English periods, giving special attention to Anglo-Saxon epic, Anglo-Norman romance, Chaucer, and Malory.

ENG 322-Renaissance Literature (3)
This class studies the English Renaissance writers (1500-1660) with special attention to Elizabethan drama, sonnet tradition, lyric verse, and religious poetry of the Metaphysicals.

ENG 323-Women’s Literature in English, through the Ages (3)
This course examines the rich and varied tradition of writing by women. It will trace the development of women’s literature in the English language from the Middle Ages to the present. This course explores the traditional genres (stories, poems, plays, novels) as well as the non-canonical genres (journals, memoirs, letters, speeches) in which women have expressed themselves over the centuries. Readings will emphasize the spiritual, historical, cultural, and social roots from which women’s writing emerged, so that students may appreciate women’s literature and the diversity not only of the women, but also the themes of women’s literary heritage.

ENG 324-Eighteenth Century English Literature (3)
Students will survey the major writers of the Restoration and Neo-Classical periods, with emphasis on the prose and poetry of Dryden, Pope, Swift, and Johnson.

ENG 325-Romantic Literature (3)
This course explores the prose and poetry of the revolutionary movement with particular attention to the works of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

ENG 326-Victorian Literature (3)
Students will examine selected prose and poetry with emphasis upon Tennyson, Browning, Arnold, Carlyle, Newman, and Ruskin.
ENG 328-American Romanticism (3)
Students will study the development of the Romantic mind and imagination in America, by reading selected works of Poe, Hawthorne, Melville, Emerson, Thoreau, Whitman, Douglass, and Dickinson.

ENG 329-American Realism (3)
The reaction to sentimental Romanticism in fiction, prose, and poetry, and the rise of literary realism and naturalism is the focus of this course. Students will read selected works of William Dean Howells, Bret Harte, Samuel Clemens, Stephen Crane, Theodore Dreiser, Henry James, Edith Wharton, Henry Adams, and Edwin Arlington Robinson.

ENG 331-African-American Literature (3)
This course presents a study of the Black American experience as expressed in poetry, drama, fiction, and autobiography. Authors include Phyllis Wheatley, Frederick Douglass, Langston Hughes, Richard Wright, Malcolm X, and Alice Walker.

ENG 334-Modern Poetry (3)
Students will participate in reading and discussing the writings of selected twentieth-century British and American poets.

ENG 336-The Nineteenth-Century Novel (3)
Students will study representative British novels of the Romantic and Victorian periods, including works by such authors as Scott, the Brontes, Thackeray, Dickens, Hardy, and Elliot.

ENG 337-The Modern Novel (3)
This course explores selected novels from British and American traditions of the twentieth century. Included are the works of authors such as Conrad, Joyce, Lawrence, Dreiser, Faulkner, Woolf, and Hemingway.

ENG 338-Contemporary American Novel (3)
Students will read selected novels from such 20th-century American authors as Bellow, Wright, O’Connor, Morrison, Updike, Ellison, Vonnegut, Nabokov, Kerouac,Mailer, Salinger, and Walker.

ENG 342-Special Topics in English Studies (3)
Students will examine issues, national literature, literary figures or practice writing in genres not covered elsewhere in the curriculum (e.g. Russian writers, satire, novel writing). Course may be repeated for a maximum of six credit hours as long as the content for each semester differs.

ENG 351-Literary London (2 or 3)
This course involves a May study-tour in London, England with lectures, discussion, and travel focused on selected texts, figures, and background in the English literary tradition.

ENG 352-History of the English Language (3)
A study of the development of English grammar, syntax, and morphology from the Anglo-Saxon period to the present with an emphasis on the influences world languages have had on American English. World Englishes and American regional dialects are also included. (Same as LIN 352)
ENG 353-English Grammar and Phonology (3)
This class studies the basic components of linguistics and their application, including phonological and morphological analysis of contemporary American speech. Attention is given to the morphological and syntactic structure of standard English. Techniques for comparing and analyzing the structures of different languages and dialects will be considered. ENG 353 is recommended for B.A. majors in English with concentration in Adolescent Education. (Same as LIN 353)

ENG 354-Second Language Acquisition (3)
This course focuses on psycholinguistics of language learning and a survey of current theory and research in second language acquisition with particular reference to the acquisition of English. Students will study the basic principles of language learning theories as advanced by the proponents of the behavioral and cognitive models. First and second language acquisition are examined, including the role of attitude, motivation, perception, memory, and intelligence. (Same as LIN 354)

ENG 401-Themes of Faith in Literature (3)
In this capstone course, students will grapple with understanding the worldviews explored in a selection of literary works from around the world with emphasis on interpreting literature from a Christian worldview. Students will examine literary forms, critical approaches, and truth claims to more fully appreciate and understand these works, participate in meaningful conversation with others, and develop and articulate their own worldview. The course will include works in various genres by authors such as Dante, Donne, T.S. Eliot, Dostoyevski, O'Connor, C.S. Lewis, Endo, and Levertov. (counts as Worldview Elective)

ENG 463-Shakespeare (3)
This class involves an intensive analysis of selected comedies, histories, and tragedies from the dramatic canon of William Shakespeare.

ENG 465-Milton (3)
This course concentrates on the major poetry and prose of John Milton, with emphasis upon *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, and selected polemic writings.

ENG 470-Senior Seminar (3)
This is the senior majors workshop in literary bibliography and research. Past topics have included the American Epic and Contemporary Literary Criticism.

ENG 480-Independent Study (1-3)
A student may choose an independent study in an approved topic in English. Permission of the Department Head and Dean is required.

ENG 490-Internship (1-3)
Students participate in supervised work experience on staff of area publications or other English related fields. Recent internships include work with World Relief Commission (research and advocacy), Rockland Pregnancy Counseling Center (community relations), and assisting teaching in Freshman writing and literature courses. Permission of the Department Head and Dean is required.
ENGLISH AS A SECOND LANGUAGE (ESL)

A score of at least 500 on the TOEFL (CELT 200) is required before a student can take College Writing I (ESL). The student must pass this exam before entering College Writing II (ESL). Transfer students who meet the requirements, including College Writing, but have not taken a research-based writing course, as determined by a college catalog description, must take ESL College Writing II. Successful completion of College Writing I (ESL) and II (ESL) is necessary to fulfill the college writing core requirement. A grade of C or better is required for College Writing II (ESL) (For course descriptions see English section.)

English Language Institute Courses

ELI 007-Academic Listening and Speaking Introductory (0)
A beginning listening and speaking course offered only in the English Language Institute. This course is only offered at the New York City campus.

ELI 008-Academic Reading and Writing Introductory (0)
A beginning reading and writing course offered only in the English Language Institute. This course is only offered at the New York City campus.

ELI 017-Academic Listening and Speaking Basic/Low Intermediate (0)
A listening and speaking course building on the skills of ELI 007 offered only in the English Language Institute. This course is only offered at the New York City campus.

ELI 018-Academic Reading and Writing Basic/Low Intermediate (0)
A reading and writing course building on the skills of ELI 008 offered only in the English Language Institute. This course is only offered at the New York City campus.

ELI 027-Academic Listening and Speaking Intermediate/II (0)
Intermediate level English as second language speakers will improve their comprehension and use of academic terms by participating in the types of activities and skills that students typically perform in college. Through the use of videos and tapes, students will develop note-taking and discussion skills. Prerequisite: CELT 140/TOEFL 425. This course is only offered at the New York City campus.

ELI 028-Academic Reading and Writing Intermediate/II (0)
Intermediate level English as second language speakers will improve reading and writing abilities by increasing their reading speed and comprehension, by writing summaries, and by writing paragraphs on academic topics. Activities will also include analyzing ideas, interpreting words and phrases, building vocabulary, and expressing opinions. Prerequisite: CELT 140/TOEFL 425. This course is only offered at the New York City campus.

ELI 037-Academic Listening and Speaking High Intermediate/III (0)
High intermediate to advanced level English as second language speakers will prepare to participate in classroom discussions on unfamiliar topics in the college classroom. Through listening and speaking activities, the students will prepare for successfully understanding college lectures in all subject areas. Prerequisite: CELT 160/TOEFL 465. This course is only offered at the New York City campus.
Undergraduate Course Descriptions

**ELI 038-Academic Reading and Writing High Intermediate/III (0)**
High intermediate to advanced level English as second language speakers will prepare for the reading and writing demands of the American college classroom. Students will read authentic materials about a variety of topics with greater speed and comprehension and write essays on more complex topics in preparation for College Writing I and English-only courses. Prerequisite: CELT 160/TOEFL 465. This course is only offered at the New York City campus.

**ESL Courses**

**ESL 027-Academic Listening and Speaking Intermediate/II (0)**
See course description under ELI 027.

**ESL 028-Academic Reading and Writing Intermediate/II (0)**
See course description under ELI 028.

**ESL 037-Academic Listening and Speaking High Intermediate/III (0)**
See course description under ELI 037.

**ESL 038-Academic Reading and Writing High Intermediate/III (0)**
See course description under ELI 038.

**ESL 107-Oral Communication (3)**
The study and practice of composing and delivering oral presentations with the special attention to developing effective public speaking skills and techniques. Pronunciation, accent reduction, and diction addressed as needed. Prerequisites: CELT 180/TOEFL 480. This course is only offered at the New York City campus.

**ESL 108-Intensive Writing (3)**
A writing course for advanced English as second language writers that focuses on the modes of development and organization, argument and persuasion, incorporating problem solving and critical thinking into the writing process. Prerequisites: CELT 180/TOEFL 480. This course is only offered at the New York City campus. (liberal arts elective)

**ESL 110-English Grammar and Syntax (3)**
A study of the basic components of English grammar with attention given to the syntactic structure of standard English. Grammar will be taught with reference to its meaning, social function, and discourse structure. This course is only offered at the New York City campus. (liberal arts elective)

For additional ESL courses, see ENG 101 and ENG 102.

**FINE ARTS (FNA)**
All courses meet the FNA elective and liberal arts elective requirement.

**FNA 101-Introduction to Fine Arts (3)**
A study of the major developments of music, art, architecture, and sculpture. The course includes class visits to museums, concert halls, and architectural sites in the New York metropolitan area. Emphasis is placed on standard art works and their reflection of religious, social, and cultural life.
FNA 115-Music Appreciation (3)
The course will trace the evolution of musical styles through history. It includes the primary elements of music, the instruments of the orchestra, highlights in music history, representative types of great composers and historic forms. Included are classical music, spirituals, American jazz, and the music of the Western hemisphere. The course is designed to promote greater enjoyment in listening for all students, as well as to provide an introductory survey course for music majors. (Same as MUS 115)

FNA 120-Arts in the City (3)
Lectures covering the history of a specific field of the fine and performing arts such as opera, ballet, theater, and fine art will be followed by a visit to an actual performance or exhibit, offering the student a first-hand experience with the art form.

FNA 231-Fine Arts in the 20th and 21st Centuries (3)
A study of the major developments in music, art, and architecture of the 20th and 21st centuries. Includes visits to various museums, concert halls, and architectural sites in the New York metropolitan area.

FNA 240-Fine Arts in the Elementary Classroom (3)
This course provides prospective teachers with an understanding and appreciation of the arts with a view to preparing them to become enthusiastic advocates of the fine arts in their future professional activity.

FNA 241-African-American Fine Arts in New York City (3)
A study of the major developments in African-American art in New York City from colonial times to the present. This course includes class visits to museums, concert halls, churches, galleries, and other sites of African-American cultural heritage. Students pay for entrance fees.

FNA 242-Fine Arts in Christian Perspective (3)
This course will survey painting, music, architecture and film, particularly Christian expressions of each form of aesthetic activity. Emphasis will be placed upon the visual arts in historical perspective, beginning with the earliest examples of representative art within the Catacombs and continuing through the Medieval and Renaissance periods, right up to the present, when the global implications of Christian aesthetics will be considered. Field trips to New York City museums and churches will be included.

FNA 252-Fine Arts Abroad (2)
An intensive course that is available either as a two-week class between Fall and Spring semesters or as a 3-4 week class offered in the summer session. Students will visit a city within Great Britain, Europe, Asia, or Latin America, which will serve as a laboratory for learning about the arts. They will explore world-class museums, concert halls, and architectural masterpieces within the selected city. Included in the survey will be major works of art, sculpture, architecture, decorative art, theater, and music, in relation to the broader cultural, political, historical and intellectual context of the country visited. No previous art or music history study is required. A course-related fee will be attached which will depend upon the travel costs involved.
FNA 261-The Architecture of New York City (3)
This course is a historical study of New York City's major architectural developments from Colonial times to the present with emphasis on the aesthetic aspects of architecture, painting, and sculpture. Attention is also given to the socio-economic-political implications of New York City architecture. Includes visits to various museums and architectural sites, especially those which serve as settings for music, dance, and painting.

HISTORY (HIS)
Every class meets liberal arts elective requirement.

HIS 113-History of World Civilization I (3)
This course is a study of the development of World Civilizations from the foundations in ancient Mesopotamia, Egypt, India and China to 1700 A.D. Emphasis will be placed upon the Western Civilizations as well as the rise of the Asian, Islamic, African and Indian civilizations. The study of the institutions, values and cultures of diverse civilizations of the world will provide the student with a greater understanding and appreciation of the political, religious and economic relationships which define the present era.

HIS 114-History of World Civilization II (3)
This course continues the World Civilization sequence, beginning with the political and philosophical debates of the sixteenth century and continuing to the present day. Particular areas of concentration will include the European Enlightenment, Islamic Empires, Industrial Revolution, East Asian Development, European Supremacy and Imperialism, The African Experience, Latin American Independence and the Modern Global Society. Through this exploration, students will be more informed and culturally aware of the world in the twenty-first century.

HIS 201- Introduction to Historical Inquiry (3)
This course is designed to introduce the student to the study of history. Foundational aspects of the study and writing of history will be explored, such as: the examination of various primary sources, where they can be found and how they are used in deciphering history; an understanding of different interpretations of history throughout the centuries; and how to develop a hypothesis, research and write in a succinct and critical manner. Students will write short papers using various modern methods of historical inquiry.

HIS 210-Careers in History (1)
This course provides an introduction to a wide range of career possibilities for historians in such areas as archives, historical societies, editing projects, museums, business, libraries, historical preservation, teaching, and government service. Lectures, guest speakers, field trips, and individual projects will be assigned. May also introduce students to historical research and facilities. Required for History majors; non-majors by consent.

HIS 213-United States History I (3)
This course examines the basic political, economic, and social forces in formation and development of the United States before 1877. Emphasis is on national development from the Revolution and the ratification of the Constitution through the Civil War.
HIS 214—United States History II (3)
This course continues the examination of basic political, economic, and social forces in the development of the United States since the Civil War. Topics include the Gilded Age, the First World War, the Great Depression, World War Two, and the Cold War era.

HIS 215—American Government (3)
(For course description see POL 215, meets social science elective)

HIS 220—Studies in World Civilization (3)
This class will offer study beyond the traditional parameters of Western culture. A rotation of non-Western courses will be offered covering a host of topics. Class may include: Medieval Civilization, East and West; The Peopling of the Americas, Science and Technology in World History; The Making of Modern Russia; The Middle East from Ottoman Empire through Arab-Israeli Wars; The Far East from Colonization until Today. May be repeated for a maximum of six credit hours as long as the content for each semester differs. Students should be advised that it will not be possible to retake this course if failed or dropped.

HIS 225—Special Topics (3)
May include classes organized around films, documentaries, and other non-traditional formats. May be repeated for a maximum of six credit hours as long as the content for each semester differs. Students should be advised that it will not be possible to retake this course if failed or dropped.

HIS 230—Historic Europe (2)
This class will offer an on-location study of one European city or country. Travel to places of cultural, political, and religious significance is an integral part of the course.

HIS 255—World Cultural Geography (3)
(For course description see ANT 255, meets social science elective)

HIS 321—Ancient History (3)
From the pyramid builders of Egypt to the empire builders of Rome, this course studies the main features of ancient history from the beginnings of Western Civilization to c. 500 A.D. Special emphasis is placed on the history of the Hebrews and Christianity and on the development of democracy by the Greeks. (Same as BIB 321)

HIS 324—History of Missions (3)
(For course description see ICS 324)

HIS 325—The Pentecostal Movement (3)
An exploration of the historical roots, theological distinctives, missiological accomplishments, and sociological trends of the Pentecostal and charismatic movements since the late nineteenth century. Prerequisite: HIS/REL 342. This course is only offered at the New York City Campus. (Same as THE 325)

HIS 326—The History of the City of New York (3)
A study of the continual transformations of New York City from its early days as a seventeenth century Dutch trading community to its late twentieth century status as an international economic, political, and cultural capital. New York has always exemplified urban diversity, embracing within its boundaries people from all
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This historical overview will incorporate a variety of biographical and autobiographical accounts of disparate peoples as we seek to explore various aspects of the city during its growth and development.

**HIS 327 - Family and Society in Early Modern England (3)**
In this course the student will study history from the “bottom up”. The social history of the people of England from 1500 to 1800 will include the study of family structure, marriage, religious traditions and practices, occupations, gender constructs and the effects of famine and pestilence in the pre-industrial era. Emphasis will be given to the development and effects of the Reformation in England including the reforms of Cranmer, the Pilgrimage of Grace, John Foxe’s creation of the Book of Martyrs, the Puritans and the Civil War.

**HIS 329 – Late Antiquity and Byzantium (3)**
This course follows the study of the Ancient World in chronological order. This course begins with the fall of the Roman Empire in the 5th century and ends in the ninth century with the coronation of Charlemagne in the west and the rule of Irene in the Byzantine Empire. The rise, development and institutionalization of the Christian Church in both the east and the west, the reign of Justinian, the kingdoms of the Franks, Goths, vandals and Huns in the west, and the rich spiritual traditions of the people will all be studied in this course.

**HIS 330-Colonial America (3)**
This class will include discussions of the planting and maturation of the English colonies of North America. Relationships between Europeans and native peoples, the immediate origins and long-term consequences of the movement to gain independence from Great Britain will also be covered. Special attention will be paid to the formation and operations of the government under the Confederation and Constitution, and the development of political parties. Prerequisite: HIS 213.

**HIS 331-Latin American History (3)**
This course studies the history of Central and South America and the Caribbean. It begins with pre-European civilizations and proceeds through to the present day. It provides insight into colonial developments, movements for independence, relations with the U.S., and recent efforts to throw off U.S. hegemony.

**HIS 334 – Medieval Civilizations: East and West (3)**
The study of Medieval Civilizations covers the time period from the early ninth century to the late fifteenth century. This course will examine the religious, political, social, economic and cultural influence and contributions of the Byzantium, Muslim and European societies in this time period. Special attention will be given to diversity of Spain in this era, where Muslims, Christians and Jews lived and worked together on a daily basis.

**HIS 335-Europe: Renaissance to Reformation (3)**
This class examines European civilization from the late Middle Ages through the division of Christendom into rival religious confessions. Topics of study will include: the Black Death, the Italian Renaissance, Protestantism, the Catholic Reformation, European colonization, and the Thirty Years War. Prerequisite: HIS 113.
HIS 340-Civil War and Reconstruction (3)
Details the causes, as well as constitutional and diplomatic aspects to the Civil War. Will also discuss experience of African-Americans in slavery, war, and freedom, as well as political and economic aspects of the Reconstruction. Prerequisite: HIS 213.

HIS 342-History of Christianity (3)
Development of institutions of the Christian church from its inception to the present. (Same as REL 342)

HIS 343-History of Political and Social Thought (3)
Critical analysis of selected readings in political and social thought from the Greeks to the present. (Same as PHI 343, POL 343, meets social science elective)

HIS 345-Europe in an Age of Revolutions (3)
This class will examine early modern Europe, detailing such matters as royal absolutism, the English civil wars, the Scientific Revolution, the Enlightenment, the French Revolution, and the Napoleonic Wars, as well as select topics in economic, social, and cultural history. Prerequisite: HIS 114.

HIS 346-African-American History (3)
This course begins with the exploitation of African peoples as slaves in the U.S. and culminates in a study of the efforts by African-Americans to move beyond their past. The study looks at the institution of slavery, its elimination in the Civil War, the plight of Black people in the late 19th and early 20th century, and the Civil Rights movement of the 1950s to the present.

HIS 350-America: Gilded Age to Great Crash (3)
This course covers the United States from Reconstruction through the Stock Market Crash. Development of the United States during the most intensive phase of industrialization. Special emphasis on national, social, political, and economic developments. Prerequisite: HIS 214.

HIS 352-America: A History of the Islamic Middle East (3)
Same as REL 353

HIS 354-Islam in the West (3)
Same as REL 354 and ICS 354

HIS 355-Europe: Foundations of the Modern World (3)
This course covers European history from the post-Napoleonic era through the First World War. Special topics will include the Congress of Vienna, the spread of democracy, nationalism, imperialism, materialism, the Belle Epoch, and the First World War. Prerequisite: HIS 114.

HIS 356-The Next Christendom (3)
Same as REL 356

HIS 357-Women in American History (3)
This course is a historical study of the condition, status, and role of American women from colonial times to the present. Changes and continuities in women’s lives and in attitudes towards femininity will be examined in relation to the development of the religious, domestic, social, and political spheres in American society.
HIS 359 - The Arab-Israeli Conflict (3)
Same as REL 359

HIS 361 - History of Societies and Cultures in Africa (3)
This course will provide a broad historical survey of African societies and institutions from the earliest traces of human culture to the emergence of independent nations in the modern era. It will be especially concerned with the evolution of the social, political, religious, and technological aspects of society, and the subsequent impact of conquest, colonialism, and the current international economic and political order. (meets social science elective)

HIS 365 - History of Pre-Modern Asia (3)
This course explores the early civilizations and development of East Asia from a historical perspective, focusing primarily on China and Japan, but also including some aspects of Korea and Vietnam. It examines the emerging cultures and societies of the reigning dynasties, as well as the expansions of these civilizations with the West, up until the 1600s. This interdisciplinary history course examines literature, religion, history, and political-economic factors to interpret change in East Asian societies. It is designed to help students experience a historical tradition outside the Western experience, to provide the opportunity for students to encounter primary sources in translation, and to introduce different approaches to the study of history. Lectures and readings will balance the survey method with an emphasis on the rich particulars of biography, scenes from daily life, literature and films.

HIS 367 - Asia in the Wider World (3)
This course is a survey of the major civilizations of Asia, ranging from the Indian Subcontinent, through Indochina and Indonesia, to China and Japan. The focus will be on the key social, political, religious, and cultural developments of the major peoples from their beginnings to the present. Various primary and secondary sources will be used in the form of lecture, readings, and films.

HIS 368 - History of Modern East Asia (3)
This course explores the development of modern East Asia from a historical perspective, focusing primarily on China and Japan, but also including some aspects of Korea and Vietnam. It examines the struggles of these four countries to preserve or regain their independence and establish their national identities in a rapidly emerging modern world order. This interdisciplinary course examines literature, religion, history, and political-economic factors to interpret change in East Asian societies. It is designed to help students experience a historical tradition outside the Western experience, to provide the opportunity for students to encounter primary sources in translation, and to introduce different approaches for the student of history. Lectures and readings will balance the survey method with an emphasis on the rich particulars of biography, scenes from daily life, literature, and films.

HIS 384 - Geographical and Historical Setting of the Bible (3)
(For course description see BIB 384)

HIS 386 - Greece/Turkey Field Study (3) (same as ANT 386 and BIB 386)
This course engages the historical, geographical, and cultural setting of ancient Asia Minor and modern Turkey. The program will visit archaeological sites important in the history of Rome and Greece during their domination of Antolia
(Plain of Issus, Sagalassos, Ephesus), as well as historical and religious sites that mark the presence of Christianity in the days of the Apostles (Tarsus, Antioch, Laodicea) and the Byzantine era (Hagia Sophia). Students will be encouraged to encounter and understand aspects of modern Turkish life through personal contacts, dialog and visits to religious and cultural sites (Blue Mosque, Topkapi Palace). (same as ANT 386 and BIB 386).

**HIS 410-Recent American History (3)**
This class studies the United States since the Great Depression. Topics of study will include: the 1920s, the New Deal, World War II, and post-War developments. Prerequisite: HIS 214. Junior status or permission of instructor required.

**HIS 411-Spiritual Autobiography (3)**
The course offers an investigation into the lives and ministries of dedicated men and women in the Christian tradition throughout the centuries. The prayers, diaries, letters and biographies of select saints will be examined to glean inspiration and instruction for 21st century ministry. (Same as PMN 411, REL 411)

**HIS 412-The Second World War (3)**
This upper division course examines the greatest conflict in human history, the Second World War. Students will examine the causes and events of the Second World War, the diplomatic and military trends of the period, the blitzkrieg, the Battle of Britain, D-Day, the Holocaust, the domestic front, and the roles played by individual leaders such as Mussolini, Hitler, and Churchill. Ultimately, the Second World War defined an entire epoch in world history, altering the international system, leading to the emergence of the United States and the Soviet Union as world powers.

**HIS 413-History of Christian Spirituality (3)**
A historical study of both the eastern and western traditions of Christian spirituality from the era of the Early Fathers to modern day practices. Forms and patterns of personal and group prayer will be explored and students will be encouraged to employ historical forms of devotion in their personal life and ministry. (Same as PMN 413, REL 413)

**HIS 414- Russia: 1800 to Present (3)**
In this course, we will examine the society, identity, economic and cultural landscape of Imperial Russia in the late 18th century. In the period before the 1917 Russian Revolution, we will compare and contrast the similarities and differences between Russia and western Europe. Our study will continue with the causes and effects of the Russian Revolution and the establishment, and eventual breakdown, of the Union of Soviet Socialist Republics.

**HIS 415-Contemporary Europe (3)**
This class will cover European history from 1919 until today. Special emphasis will be placed upon the Treat of Versailles, the rise of the Bolsheviks, the Great Depression, Nazi Germany, World War Two, the Cold War, and modern thought and culture. Prerequisite: HIS 114. Junior status or permission of instructor required.
HIS 433-History of Religion in America (3)
The history of Christian and non-Christian religions and the cults in America. (Same as REL 433)

HIS 470-Senior Seminar (3)
Analysis of selected problems in history, historiography, and philosophy of history. Prerequisite: Senior status or permission of instructor required.

HIS 480-Independent Study (1-3)
Independent study in an approved topic in History. Permission of the Department Head and Dean is required.

HIS 490-Internship (1-3)
The practical application of historical knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and the Dean.

HIS 499-Teaching Assistantship (3)
Directed practices in college teaching of history. This course is intended to insure that History majors are adequately prepared and supervised when they are given college teaching responsibilities, notably grading, sectional discussions, and review sessions. It will also present a mechanism for students to gain some teaching experience. Consent of instructor required.

HONORS (HUM)

HUM 260- Honors Special Topics (3)
In these courses, honors students, under the direction of specialists, will study topics not covered elsewhere in the curriculum at the introductory level. Courses will explore areas such as seashore ecology, religions of the world, medical ethics, art history, international business, and culture and belief of people groups. (liberal arts elective

INTERCULTURAL STUDIES (ICS)

ICS 224-Introduction to Global Engagement (3)
This course is designed to introduce the student to the Biblical and theological foundations, history and strategy for global evangelism in the world today. Special attention will be given to issues of personal calling and preparation as well as current trends in intercultural studies. (Same as PMN 224)

ICS 228-Introduction to Women in Ministry (3)
(For course description see PMN 228)

ICS 252-Leadership and Character Development (3)
(For course description see PMN 252)
ICS 314-World Religions (3)
An introduction to the cultural background, historical development, main tenets, and philosophical system of the leading living non-Christian religions as compared and contrasted with the Christian world view. (Same as PHI 314 and REL 314, liberal arts elective)

ICS 324-History of Missions (3)
A study of the development, growth, and worldwide expansion of the Church from the time of the Apostles to the present. Emphasis will be given to the men and women who were involved in carrying out the mission of the Church, to the philosophies of ministry they held, and to the strategies they employed. (Same as HIS 324, liberal arts elective)

ICS 334-International Relief and Development (3)
(For course description see SOC 334, liberal arts and social science elective)

ICS 336- Funding Projects and Ministries (3)
This course is designed to assist and prepare students for effective fund raising in ministry and other non-profit organizations. With the emphasis on Biblical principles and the dignity of others, the students will explore, understand, internalize and exhibit effective fundraising strategies and methods. This course is centered on an active learning model and will provide the student with fundraising projects benefiting needy non-profit ministry projects.

ICS 341-Principles of Evangelism (3)
A course that focuses on the philosophy, methods, message, and objectives of personal evangelism both in America and overseas. Special attention is given to motivation, winning a hearing, starting conversations, presenting the Gospel, answering questions, and inviting decisions. Practical experience is an integral part of the course. (Same as CED 341, PMN 341)

ICS 343-Culture and Communication (3)
(For course description see ANT 343, social science and liberal arts elective)

ICS 344-Catholicism and Orthodoxy (3)
(For course description see REL 344)

ICS 346-Cross-Cultural Adjustment (3)
(For course description see ANT 346, meets social science and liberal arts elective)

ICS 347-New Age and the Occult (3)
A course designed to introduce students to the various facets of the New Age Movement and occult religious practices as contemporary phenomena in the Western world. (Same as REL 347)

ICS 348- Theology in Global Context (3)
Students will explore the root causes, values, influences, and scholars of contextualized theologies of Latin America, Asia, and Africa as well as theologies developing in post modern and post-Christian societies. (liberal arts elective)
ICS 349 - Theology of Missions (3)
A survey and exposition of fundamental biblical truths which constitute the heart of missionary theology, and which must be conceptualized in such a way that they become meaningful and motivational to the people of God for the fulfillment of the mission of the Church. Required of all Missiology majors. (Same as THE 349)

ICS 350 - Power Encounter (3)
(For course description see PMN 350)

ICS 354 - Islam in the West (3)
Same as REL 354 and HIS 354, meets liberal arts elective

ICS 358 - Community Development in Context (3)
A service-learning intensive course that confronts the realities of contextual community transformation. Biblical foundations, challenges, and transformative theories will be studied, observed and applied on site. Faculty instruction will build the framework for students as they work directly with an International Community Development organization. Site will vary according to the instructor. Course fee will vary depending on location. (Same as CED 358/PMN 358/YMN 358)

ICS 359 - International Public Health (3)
Students will be provided with a basic introduction to the issues of health facing the world in urban, rural, developing, and at-risk communities. Attention will be given to tools and training needed to assess and meet physical needs.

ICS 383 - Latin America Overseas Summer Study Program (2)
This two-week course combines an overseas study trip to Latin America with classroom instruction. Students will have the opportunity to observe cross-cultural missions firsthand by visiting churches and other ministries such as Alliance Academy, Bible seminaries, radio, and evangelism outreach. Classroom instruction will examine the history of Catholic and Protestant missions and the Charismatic movement in Latin America, as well as models of ministry. (Same as REL 383)

ICS 432 - Principles of Church Growth (3)
A study of people movements, homogeneous units, resistant and receptive peoples, the “bridges of God”, and other concepts intimately related to the growth of churches. Consideration will be given to special problems and techniques involved in planting churches cross-culturally. (Same as PMN 432)

ICS 433 - Critical Issues in Urban Ministries (3)
This course is designed to introduce students to some of the major issues arising out of urban life in the United States and in world class cities. Issues such as poverty, crime, street children, homelessness, substance abuse, AIDS, sexual exploitation, and the breakdown of the family will be examined. Special attention will be given to a Christian response to these problems. (Same as PMN 433, SOC 433)
ICS 434-Intercultural Teams and Vibrant Communities (3)
This course confronts conflict in interpersonal, intergenerational, intercultural, interdenominational, and mixed gender teams and leadership structures and provides resources and tools for engaging and resolving conflict biblically and contextually.

ICS 435-Introduction to Urban Ministries (3)
A study of urbanization and its significance for missions aimed at developing philosophy and strategy for church ministry in an urban setting. Emphasis will be given to the characteristics of cities from a sociological perspective, goals and methods of ministry, and the problems and opportunities for evangelism in the cities of the world. (Same as PMN 435)

ICS 442-South Asian Religions (3)
A detailed examination of the history, doctrines, and practices of the adherents of Hinduism, Jainism, Sikhism, and Zoroastrianism with a view to being able to contextualize and communicate the Gospel to these adherents effectively. (Same as REL 442, meets liberal arts elective)

ICS 443-Alternative Religious Movements in America (3)
An introduction to the doctrines and practices of Jehovah’s Witnesses, Mormonism, Christian Science, Seventh Day Adventism, Scientology, The Unification Church, and others. (Same as REL 443, meets liberal arts elective)

ICS 445-Islam (3)
A detailed examination of the history, doctrines, and practices of the adherents of Islam with a view to being able to contextualize and communicate the Gospel to these adherents effectively. (Same as REL 445, liberal arts elective)

ICS 446-History of Judaism (3)
A detailed examination of the history, doctrines, and practices of the adherents of Judaism from the destruction of Jerusalem in A.D. 70 to the present day. (Same as REL 446, liberal arts elective)

ICS 448-East Asian Religions (3)
A detailed examination of the history, doctrines, and practices of the adherents of Buddhism, Taoism, Confucianism, and Shintoism with a view to being able to contextualize and communicate the Gospel to these adherents effectively. (Same as REL 448, PHI 448, liberal arts elective)

ICS 454-Understanding and Transforming Urban Systems (3)
This course introduces students to the religious, cultural, political, economic, and social systems that make up urban areas today. The complex interworkings of these systems will be examined in detail. A special focus of the course will be to examine ways in which the Church can work towards transforming these systems. (Same as PMN 454, SOC 454, meets liberal arts elective)

ICS 470-Senior Seminar (3)
This course is designed to allow missions-interested students an opportunity to explore in detailed fashion issues of current interest and significance within the field. Seminar will also interact with international agencies and prepare students for applications for service. This class is reserved for seniors.
ICS 480-Independent Study (1-3)
Independent study of an approved topic in Missions. Permission of the Dean of the Division of Bible and Christian Ministry is required.

ICS 490-Intercultural Studies Internship (3)
This course provides a semester of approved fieldwork in an intercultural service setting. The supervised ministry experience will be combined with reading assignments, along with being mentored by staff personnel to provide evaluation and mentoring. Also included will be 6 to 12 credits worth of language study in an accredited language school.

ICS 495/496-Urban Ministries Internship (3)
(For course description see PMN 495/496)

INTERDISCIPLINARY STUDIES (INT)

INT 101-Information Literacy (1)
This course will help the student construct a framework for effective learning by developing skills used to define and articulate information needs, to access both print and online information effectively and efficiently, to evaluate information into one’s knowledge base and Christian worldview, and to understand and comply with the legal and ethical standards of fair use of resources and ideas. Corequisite: ENG 102.

INT 102 Civic Engagement and the Servant Leader (3)
This course will examine the values, persona, methods and strategies of servant leaders who used their faith as a foundation for addressing challenges in communities to bring about social change. Servant leader models include Albert Benjamin Simpson, Martin Luther King, Jr., Billy Graham, Mother Theresa and others. This course is experiential inasmuch as it combines academic work with service learning. Students will employ theoretical learning to identify and address social problems within a select number of neighborhoods in Nyack and surrounding communities. In partnership with local community organizations students will engage in service-learning projects to bring about change. This course will serve as an elective for any interested student.

INT 112-Foundations for Excellence (2)
This course examines issues facing first-time Freshmen attending Nyack College. In general, students will explore what it means to live and learn as an individual in a Christian academic community. The course examines questions such as: What are the liberal arts and why should we study these subjects? How does Nyack College, as a Christian institution, distinctively address the liberal arts? What are the key components of lifelong learning and character formation? How can we develop career goals and four-year study plans?

INT 240-241-Seminar in Residence Life (1-1)
This course is designed to explore and promote the personal and paraprofessional development of each Resident Assistant. Emphasis is placed upon residence life philosophy and its role in college life, the developmental issues of college students, and various leadership theories. Skills are enhanced through the application of these concepts to interpersonal relationships and group settings within the residence halls. (Open only to Resident Assistants)
INT 310-Leadership Practicum (3)
Through this practicum, outstanding students will be allowed the opportunity to work alongside faculty members who teach Civic Engagement and the Servant Leader (INT 102). These students will receive training in leadership and small group dynamics, which will allow them to integrate meaningful community service instruction and reflection to enhance the learning experience, enrich civic responsibility, and strengthen communities.

INT 481-Integrative Capstone Seminar (2)
This course will involve examination of the emergence of the academic disciplines in higher education and will involve the preparation and presentation of a well-written and academically substantial interdisciplinary research paper emanating from the student’s chosen disciplines. Pre-requisite: Discipline-specific research course in at least one of the fields of concentration.

LANGUAGE
Language courses meet liberal arts elective requirement.

LAN 100-Foreign Language Lab (0)
Required corequisite for all modern foreign languages.

LAN 180/181- Contracted Study in Modern Language-Elementary level.
The study of the essentials of conversation and culture of a modern language. The approach is communicative and integrates the four language skills, listening, speaking, reading, and writing.

LAN 280/281 Contracted Study in Modern language-intermediate level.
Continued study and practice in the language and culture. Practice includes the four language skills. The study of more complex structures of the language to acquire fluency. Prerequisite: LAN 181 or equivalent (3 or more years in high school with at least a B average).

French

FRE 101/102-Elementary French (3-3)
The study of the basic structures of French in both the spoken and written aspects so that students may communicate in French. Note: Students who have taken 3 or more years of French in high school should take FRE 201/202.

FRE 201/202-Intermediate French (3-3)
The study of the more complex structures of French to increase the student’s ability to communicate in the language. Oral communication in conversation is particularly emphasized the second semester. Prerequisite: FRE 102 for FRE 202; FRE 201 for FRE 202.

FRE 311/312-Advanced French Grammar (3-3)
A thorough study of French grammar, comprising syntax, gender, number, verb conjugations, and tenses in the active and subjunctive mood in all major past, present, and future tenses. Examination of differences between literary French and spoken French, with examples drawn from the La Sainte Bible (Louis Ségond) and Francophonic literature.

FRE 391-French Practicum (1-3)
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This course provides a French immersion experience in a French-speaking country. For one credit students will interact with professors and when possible French Christians in local C&MA churches or if they go to a third world country, they will also teach French literacy. Additionally, for two credits students will write a 15-page research paper. For three credits, the students will also pass an oral or written exam after the immersion experience. Prerequisite: at least one semester, but preferably two semesters of French.

German

LAN 107/108-Elementary German I and II (3-3)
An introductory course in the essentials of German conversation and culture. The approach is communicative and each class will provide practice in the four language skills, listening, speaking, reading, and writing. Note: Students who have taken 3 or more years of German in high school should take LAN 201/208.

LAN 207/208-Intermediate German I and II (3-3)
Continued study and practice in German language and culture. Practice includes the four language skills. The study of more complex structures of German to increase the student’s ability to communicate in the language. Prerequisite: LAN 108 or equivalent.

Greek

GRK 101/102-Elementary Greek (3-3)
Introductory course in Koine Greek, emphasizing forms and vocabulary. Aims to provide foundation for further study of Greek.

GRK 231-Readings in Greek (3)
Consolidation of the grammar and syntax of Koine Greek through the reading of selected New Testament and other early church documents. The elements of intermediate Greek grammar will be introduced as encountered in the texts. A vocabulary of the one thousand most commonly used New Testament words will be learned. Prerequisite: GRK 102.

GRK 312-Exegesis (3)
Principles of exegesis applied to select passages of the Greek New Testament. Pre- or co-requisite: GRK 231.

GRK 331-Septuagint (3)
Selected readings in the Greek translation of the Hebrew Scriptures. Special attention is given to the issues of translation and their importance for the study of the Greek of the New Testament. Pre or Corequisite: GRK 231. Offered upon sufficient demand.

An advanced-level Greek readings course. Examines Luke’s writings and his use of literary sources in the composition of his narratives. Pre or Corequisite: GRK 231. Offered upon sufficient demand.

Hebrew

HEB 101-Elementary Hebrew I (3)
This course is designed to give the beginning Hebrew student a firm and confident grasp of the essentials of biblical Hebrew (with an emphasis on morphology, phonology, syntax, and vocabulary) and to introduce the beginning student to the basic linguistic tools of Old Testament research.

**HEB 102-Elementary Hebrew II (3)**
This course is designed to engage the beginning Hebrew student in a consideration of Hebrew grammar, syntax, and vocabulary at a more advanced level. Special attention is given to accurate identification of grammatical forms and accurate and meaningful translation using the basic tools of Old Testament research. Prerequisite: HEB 101.

**HEB 221-Hebrew Readings I (3)**
Selected readings in the Hebrew Bible to introduce students to the genre of narrative literature. Prerequisite: HEB 102.

**HEB 222-Hebrew Readings II (3)**
Selected readings in the Hebrew Bible to introduce students to the genres of poetic, prophetic and wisdom literature. Prerequisite: HEB 221.

**HEB 321-Rapid Readings in Hebrew (3)**
Selected readings in the Hebrew Bible and post-Biblical Hebrew literature. Pre/Corequisite: HEB 222. Offered upon sufficient demand.

**HEB 322-Dead Sea Scrolls in Hebrew (3)**
Selected readings from the sectarian library of Qumran. Pre/Corequisite: HEB 222. Offered upon sufficient demand.

**Italian**

**LAN 103/104-Elementary Italian I and II (3-3)**
A basic introduction to the grammar, pronunciation and reading of modern Italian. The most frequent vocabulary and idioms are incorporated to make common conversation possible.

**Latin**

**LAT 101-102 Latin (3-3)**
A basic introduction to the fundamental elements of Latin. The emphasis will be on reading, writing, speaking, and listening.

**LAT 201-202 Latin (3-3)**
The study of Latin language, literature, and culture of Ancient Rome and the Middle Ages. Continuing from elementary Latin, students will expand their knowledge of Latin vocabulary, grammar and reading skills.
Mandarin

LAN 195-196-Elementary Mandarin (3-3)
An introduction to sounds, structure, and the writing system of modern Mandarin; practice in the use of Mandarin as a communication tool.

Sign Language

ASL 101/102-Elementary American Sign Language I/II (3-3)
An introduction to American Sign Language; non-verbal techniques, basic vocabulary, grammar principles, and conversational skills. American Sign Language satisfies foreign language requirement only in the Childhood Education, Psychology, and Social Work majors.

ASL 201-Intermediate American Sign Language I (3)
Modeling a cooperative learning approach, this study of conversational American Sign Language (ASL) will develop skills in conversing in the “idiom” of the deaf adult by focusing on experiential activities. It offers a unique approach to using ASL and English in a bilingual setting by providing insights into the culture and everyday life of deaf people. Prerequisites: ASL 102 or equivalent.

ASL 202-Intermediate American Sign Language II (3)
This course continues instruction for those who have completed Intermediate ASL I in order to increase the student’s mastery of idiomatic ASL, enabling them to enter the world and culture of the deaf with knowledge and confidence. Prerequisites: ASL 201 or equivalent.

Spanish

SPA 101/102-Elementary Spanish I/II (3-3)
An introductory course in the essentials of Spanish grammar and conversation. Both spoken and written Spanish will be studied with the goal of developing good communication skills. Note: Students who have taken 3 or more years of Spanish in high school should take SPA 201/202.

SPA 105/106-Grammar for Spanish Speakers I/II (3-3)
An overview of the Spanish language. Intended for the Spanish-speaking student who has not studied the language formally and will benefit from a complete review of the basic grammatical structures. Permission of the Language faculty required.

SPA 201/202-Intermediate Spanish (3-3)
A review of Spanish grammar and composition, with continued study of the more complex structures of Spanish. Emphasis will be on developing fluency in oral and written work. Readings in Spanish will also be a key aspect of the course. Course conducted mainly in Spanish. Prerequisite: SPA 102 for SPA 201; SPA 201 for SPA 202.

SPA 311/312-Advanced Spanish Grammar I/II (3-3)
Advanced study of Spanish grammar and usage, with emphasis placed on the correct recognition and usage of tenses as applied to literary studies. Foundational for further study of Spanish literature.
SPA 323-324-Hispanic-American Literature I/II (3-3)
A survey of some of the most notable writings in the Spanish language.

SPA 391-Spanish Practicum (1-3)
This course provides a Spanish immersion experience in a Spanish-speaking country. For one credit, students will interact with native Spanish-speakers and teach Spanish literacy to illiterate native Spanish speakers. Additionally, for two credits students will write a 15-page paper. For three credits, students will also pass an oral and/or written exam after the immersion experience. Prerequisite: At least on semester, but preferably two semesters of Spanish.

LINGUISTICS (LIN)
All courses meet liberal arts elective requirement.

LIN 342-Nature of Language (3)
(For course description see ANT 342)

LIN 343-Culture and Communication (3)
(For course description see ANT 343)

LIN 352-History of the English Language (3)
(For course description see ENG 352)

LIN 353-English Grammar and Phonology (3)
(For course description see ENG 353)

LIN 354-Second Language Acquisition (3)
(For course description see ENG 354)

MATHEMATICS (MAT)
All courses meet liberal arts elective requirement.

MAT 101-College Mathematics (3)
Logical structure of the decimal system. Designed to acquaint the student with meaning, development, and communication of number ideas and the logical structure of number systems; the how and why of the basic algorithms of arithmetic. Fundamental concepts of elementary algebra and informal geometry. Prerequisite: Math SAT scores 200-400.

MAT 110-College Algebra (3)
The study of topics from Algebra including basic concepts, equations and inequalities of the first and second degree, functions and graphs, linear and quadratic functions, higher degree polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, sequences and series. Prerequisite: Math SAT 400-525.

MAT 211-Math for the Elementary School Teacher (3)
The study of topics from the National Council of Teachers of Mathematics for grades K-6 will be covered. Such topics will include math as problem solving, math as communication, estimation, numbers and numeration, probability and statistics. Education majors only. Prerequisite: MAT 101 or equivalent.
MAT 231-Pre-Calculus (3)
An in-depth study of mathematical ideas, concepts, and solutions relative to
algebra, trigonometry, and functions. Prerequisite: Math SAT 525-800.

MAT 236-Calculus I (3)
An introductory course in the theory and applications of differential calculus
including concept of limits, introduction to the derivative, techniques of
differentiation, integration and integration methods, the fundamental theorem of
the calculus, and the study of exponential and logarithmic functions. Prerequisite:
MAT 110 or MAT 231 or instructor’s permission.

MAT 237-Calculus II (3)
A course in advanced techniques in the application of calculus to a better
understanding of God’s world. Topics include calculating the areas bounded by
curves, volumes of solids of revolution, arc lengths, and surface areas of various
functions, trigonometric integrals, and L’Hopital’s Rule. Prerequisite: MAT 236.

MAT 238-Calculus III (3)
The study of infinite series, parametric curves and vectors in the plane, vectors,
curves, and surfaces in space, partial differentiation, and multiple integration.
Prerequisite: MAT 237.

MAT 243-Analytic Geometry (3)
A study of lines, curves, angles, and solids using algebraic principles. The student
is introduced to conic sections, simplification of equations, trigonometric
functions, and polar coordinates. Prerequisite: Math elective.

MAT 310-Linear Algebra (3)
A study of advance topics in algebra. Topics will include: vector spaces and linear
maps, matrices, linear mapping, determinants, linear systems, eigen vectors, and
eigen values. Prerequisite: MAT 110 or higher.

MAT 311-History of Mathematics (3)
The study of ancient mathematics—Arabian, Babylonian, Chinese, Hindu and
Greek. Topics include problem solving, numeral systems, number theory,
arithmetic, algebra, geometry, trigonometry, algebraic geometry.

MAT 330-Probability and Statistics (3)
Statistical methods. Topics include probability, distributions, statistical estimation,
hypothesis testing, regression analysis, sampling, and time-series. Emphasis will be
given to the analysis of data. Prerequisite: Math elective or instructor’s permission.

MAT 343-Topology (3)
Abstract topological spaces, bases, convergence, filters and nets, separation
axioms, continuity separatability, and compactness. Prerequisite: MAT 243 or
MAT 310.

MAT 345-Discrete Mathematics (3)
The study of sets and logic, Boolean algebra, functions, algorithms, relations,
combinatorics, trees and graphs, and the nature of proof. Prerequisite: MAT 236 or
instructor’s permission.

MAT 401-Differential Equations (3)
A study of advanced topics in algebra, calculus, and differential equations. Topics include solution methods for ordinary, partial, and directional derivatives, special solution methods for 1st- and 2nd-order systems, infinite series, Laplace, and Fourier methods. Prerequisite: MAT 238 or instructor’s permission.

MAT 412-Advanced Linear Algebra (3)
The study of systems of linear equations, matrices, vector spaces, linear transformations, and scaler products. Topics selected from determinants, game theory, graph theory, marker chains, and linear programming. Prerequisite: MAT 310.

MAT 418-Numerical Analysis (3)
Elementary discussion of errors, polynomial interpolation, quadrature, linear systems of equations, solutions of non-linear equations, numerical differentiation, integration, and solutions to differential equations. Prerequisite: MAT 401.

MAT 440-Vector Calculus (3)
The study of vector algebra, properties of transformations, curves and surfaces, line and surface integrals, Greens’ theorem, Stokes’ theorem, and Gauss’ theorem. Prerequisite: MAT 238.

MAT 444-Mathematical Logic (3)
Informal and formal development of propositional calculus, predicate calculus, and predicate calculus with equality. The study of the completeness theorem and some consequences. Prerequisite: MAT 345.

MAT 458-Operations Management and Linear Programming (3)
(For course description see BUS 458)

MAT 470-Mathematics Seminar (3)
In-depth study of some topic or topics of current interest to Mathematics faculty and advanced students. Students will be expected to do independent research and to present their findings in a small-group setting. Instructor’s permission required.

MAT 490-Internship (1-3)
The practical application of mathematical knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and the Dean.

APPLIED MUSIC (CLASS)

MUS 101,102-Functional Piano Class (1,1)
A comprehensive course for beginners designed specifically for Music Education students who do not have the equivalent of at least one year of college piano. Emphasis is on harmonization, improvisation, sight reading, and development of elementary piano skills. Required for Music Education majors unless waived by examination.

MUS 103-Fundamentals of Singing (1)
Class instruction in basic vocal techniques including proper breathing, posture, basic diction skills, vocal hygiene, elementary repertoire, and audition preparation. Open to all students.
MUS 104-Basic Piano Skills (1)  
Class instruction in elementary piano skills, designed for students having no previous keyboard instruction. The class will include scales, arpeggios, sight reading, and elementary levels of technique and repertoire. Open to all students.

MUS 105-Beginning Guitar Techniques (1)  
Class instruction in the skills of playing and teaching the guitar for recreational and professional activities (church or school). The course is designed for students who have little or no previous experience in guitar performance. The class will also involve a study of elementary music theory, notation, transposition, song leading, the use of the capo, and care of the instrument. Prerequisite: Elementary knowledge of the treble clef.

MUS 106-Baroque Recorder Class (1)  
Introduction to the fundamentals of recorder playing. Emphasis is placed upon a singing, legato tone, secure fingering in two octaves, appropriate repertoire, and correct intonation. SATB instruments are introduced. Recommended for students interested in teaching elementary school music.

MUS 171,172; 271,272; 371,372; 471,472-Jury Examination: Major (0)  
All Music majors, except those enrolled in the B.A. in Music program, are required to register for Major Jury Examinations each semester. Expected repertoire is listed under “Recommended Repertoire” in the Nyack College Music Student Handbook.

MUS 173,174; 273, 274; 373,374; 473,474-Jury Examination: Minor (0)  
All Music majors, except those enrolled in the B.A. in Music program, are required to register for Minor Jury Examinations each semester until the proficiency level in the applied minor is satisfied.

MUS 201-202-Functional Piano Class (1-1)  
Emphasis on skills needed by the public school music teacher-harmonization, improvisation, transposition, modulation, and sight reading. Exploration and performance of piano literature representative of various musical periods and compositional styles. Necessary technical studies. Prerequisite: MUS 101,102 (first year) or entrance by examination. Required for Music Education majors unless waived by examination.

MUS 206-Piano Accompanying (1)  
The principles of accompaniment as applied to the hymn, the art song from Schubert to DeBussy, operatic and oratorio excerpts, and the accompaniment of stringed and wind instruments.

MUS 301-Advanced Functional Piano (1)  
The focus of this course is on the advanced concentration of the skills needed by the public school music teacher in the areas of harmonization, improvisation, transposition, sight reading, and accompanying. Open to piano majors only or by the permission of the instructor.

MUS 370-Junior Recital (0)  
(See recital requirements in Music Programs section.)

MUS 470-Senior Recital (0)  
(See recital requirements in Music Programs section.)
MUS 475-Concerto Requirement (0)
A complete concerto (normally three movements) from the standard repertoire is required of all keyboardists and instrumentalists in order to graduate from the Performance degree programs. The concerto may be performed in a recital or jury, and pianists are required to perform by memory.

MUS 477- Piano Proficiency Requirement (0)
All music majors not majoring or minoring in piano or Functional Piano (except B.A. in Music majors) are required to demonstrate Piano Proficiency by audition or jury exam as described in the Music Student Handbook.

APPLIED MUSIC (PRIVATE LESSONS) IN VOICE, KEYBOARD, FRETTED, OR ORCHESTRAL INSTRUMENTS

One 30-minute private lesson per week plus a minimum of three compositions or movements. 1 credit per semester.
One 60-minute private lesson per week plus a minimum of six compositions or movements. 2 credits per semester.
One 60-minute private lesson per week plus completion of a senior recital. 3 credits per semester.
All full-time music majors must take a minimum of one 60-minute lesson per week in the applied major.
The required numbers of compositions per credit may vary according to the instrument being studied and the method of a particular teacher. For instance, in voice the teacher may require a greater number of compositions than those listed above. A keyboard teacher may wish to make use of a complete sonata in which case the number of movements would be counted separately.
Although the music faculty does not require a weekly schedule of practice hours, it is understood that consistent practice habits are fundamental to sensitively performed repertoire. As a general guideline the music faculty consider a minimum of three hours of practice per week per credit to be essential.

MUSIC (MUS)

MUS 100-Concert Attendance (0)
Required for all music majors each semester.

MUS 115-Music Appreciation (3)
(For course description see FNA 115, liberal arts elective)

MUS 213-Western Music to 1700 (2)
A study of the music of Western Civilization from the beginning of the Christian era to the end of the seventeenth century. (liberal arts elective)

MUS 214-Music of the Eighteenth Century (2)
A survey of musical style from that of the older contemporaries of Bach and Handel to the mature classicism of Haydn and Mozart. (liberal arts elective)
MUS 234 - Vocal Literature (2)
A broad study of art song literature, from Baroque to Contemporary, and significant repertoire from oratorios and operatic works. The course will include interpretation and foreign language diction. Prerequisite: MUS 233, liberal arts elective.

MUS 236 - Songwriting (2)
In-depth analysis of song form and structure, coupled with in-class writing and performance of songs. The student will be given specific songs to analyze, and then will be required to write original music in similar style. The course includes a strong emphasis on lyric content and development, as well as experimentation with new and original approaches to songwriting.

MUS 319 - Music of the Nineteenth Century (2)
The music of Beethoven. The music of the Romantic Era, including those composers who belong primarily to the nineteenth century. (liberal arts elective)

MUS 320 - Music of the Twentieth Century (2)
A survey of musical trends from Debussy to the present, with special emphasis on Stravinsky, Schoenberg and his followers, Bartok, and Hindemith. Avant-garde and electronic music are introduced, and a brief overview of the American scene is included. (liberal arts elective)

MUS 328 - Basic Arranging (2)
Designed with the minister of music, as well as the classical conductor in mind, this course covers the production of chord charts for contemporary songs (guitar, bass, drums and keyboards) as well as arranging for traditional instruments (strings, brass and woodwinds) and SATB voices. Chord voicing, layering and suitable instrumentations will be emphasized.

MUS 345 - Entertainment Industry Economics (3)
(For course description see BUS 345)

MUS 347 - Music Business I: The Legal Aspects of the Music Industry (3)
(For course description see BUS 347)

MUS 349 - Music Business II: Music Industry, Recording, Merchandising, Contracts, and Career Development (3)
(For course description see BUS 349)

MUS 350 - Piano Literature (1)
A broad study of the repertoire for solo piano and its compositional forms from the common practice period to include sonatas, variation form, preludes and fugues, the etudes, and character pieces. Composers like Bach, Czerny, Hummel, Beethoven, Liszt, Tomaszek, Henselt, and others are discussed. Score study is central to this course. Prerequisite: MUS 124, liberal arts elective.

MUS 351 - History of Opera (2)
An exploration into the history of Western opera from its birth at the end of the 16th century through the present. The course includes an analysis of musical styles, characterization, staging, voice classification, interpretation, and technical aspects of opera production. Major opera composers such as Monteverdi, Rossini, Verdi, Puccini, Tchaikovsky, Wagner, and Berg will be studied. Liberal arts elective.
MUS 352-Music of Diverse Cultures (3)
A survey of the musical culture of the non-Western world; selected areas from Africa, the Middle East, Central Asia, Southeast Asia, and the Far East; the role music plays in the social, economical, educational, religious, and political and areas of social justice in the lives of the people. (Same as ANT 352, liberal arts elective)

MUS 353-Introduction to Jazz (2)
Introduction to the diverse styles of the jazz genre. Emphasis on listening to jazz and recognizing its unique characteristics including identifying instruments and their roles in jazz ensembles. The course will cover a wide range of styles including some of its earliest forms. Additionally, the influence of folk and popular music from all cultures and their effect on the developing art form will be discussed, as well as social issues which affected the music’s growth.

MUS 354-Introduction to Music Technology (2)
An introduction to music technology and hands-on experience in the fundamentals of live music recording and music editing. The course will include basic music computer skills, microphones, principles of sound, digital editing, MIDI, computer-based sequencing and notation, mixers and mixing, cables, sampling, an introduction to digital audio, recording principles, effects processing and audio live performance.

MUS 356-Music Technology II (2)
A continuation of Music Technology I. Digital recording techniques, as well as live music applications will be covered in this course, which will include an in-depth study of Pro-Tools® digital audio workstation as well as Sibelius® software. The student will be required to record and mix a significant composition over the course of the semester. Mixing boards, microphones, and digital affects will also be covered.

MUS 450-Music History Seminar (3)
An in-depth study of significant aspects of music history. This course is intended to prepare students for graduate studies in music and includes advanced research techniques in musicology. Each course will cover topics in music history and will include stylistic and aesthetic principles, theoretical developments, performance practice, and major composers and their works. This course may be repeated for up to 6 credits. Prerequisites: MUS 213, 214, 224, 319, 320; liberal arts elective

MUS 460- Music Business Seminar (3)
(For course description see BUS 460)

MUS 480-Independent Study (1-3)
Independent study in an approved topic in music. Permission of the Department Head and Dean is required.

MUSIC EDUCATION AND PEDAGOGY (EDM)

EDM 345-String Methods (1)
Class instruction in playing and teaching the instruments of the string family.
EDM 346-Brass Methods (1)  
Class instruction in playing and teaching the instruments of the brass family.

EDM 347-Woodwind Methods (1)  
Class instruction in playing and teaching the instruments of the woodwind family.

EDM 348-Percussion Methods (1)  
Class instruction in playing and teaching the percussion instruments of the band and orchestra.

EDM 349-Piano Pedagogy (1)  
The psychology and principles of teaching the beginning and intermediate level piano student, together with consideration of suitable repertoire.

EDM 350-Vocal Pedagogy (1)  
A survey and comparative study of pedagogical materials in the teaching of singing, both privately and for voice classes. Various vocal methods are analyzed, compared, criticized, and adapted to each individual’s use with an emphasis on standard repertoire, vocal exercises, physiology, acoustics, diction, and Bel Canto technique. For advanced voice students. Prerequisite: Permission of instructor.

EDM 351- Instrumental Pedagogy (1)  
The psychology and principles of teaching the beginning and intermediate levels instrumental student, together with consideration of suitable repertoire.

EDM 391-Methods Field Experience: Music Ed (0)  
Thirty-five hours of supervised field experience in grades 1-6 elementary music with emphasis on tutoring. Required prior to or in conjunction with EDM 441.

EDM 392- Methods Field Experience: Music Ed (0)  
Thirty-five hours of supervised field experience in grades 7-12 secondary music with emphasis on tutoring. Required prior to or in conjunction with EDM 444.

EDM 441-Music in the Elementary School (3)  
Techniques of teaching music to children, including the approaches of Dalcroze, Orff, and Kodaly. Survey of related materials. Prerequisite: EDU 258, EDU 259, School of Education approval. For Music Education and Music majors only.

EDM 444-Music in the Secondary School (3)  
Methods, materials, and problems related to performing groups and classes in general music, theory, appreciation, and related arts. Prerequisite: EDU 258, EDU 259, School of Education approval. For Music Education and Music majors only.

EDM 470-Senior Seminar (2)  
Philosophical and practical problems of the classroom experience of student teaching. Analysis of curricular theory, classroom management and decision-making, and consideration of other contemporary issues in Christian and public school education. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.
EDM 493-Supervised Student Teaching of Music in Elementary School (5)
Application of professional knowledge and skills in music in the elementary school (1-6) under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

EDM 495-Supervised Student Teaching of Music in the Middle and/or High School (5)
Application of professional knowledge and skills in music in the middle or high school (7-12) under the direction of a fully certified cooperating teacher and with the supervision of Nyack College Education faculty. Prerequisite: School of Education approval and successful completion of all methods courses and field experiences.

MUSIC ENSEMBLES

MUS 161-Chorale (0-1)
The chorale is composed of approximately 75 men and women, selected by audition at the beginning of each semester. The repertoire includes major works and selected choral literature from major historical periods and styles. Activities include a fall retreat, Christmas concert, and annual spring tour, campus and community appearances, and periodic European tours. Pre-requisite: Audition required.

MUS 163-String Orchestra (0-1)
The Nyack College String Orchestra is comprised of students and community musicians. Music of all periods is performed on-campus and off-campus. Pre-requisite: Audition required.

MUS 207-Two-Piano Ensemble (0-1)
A performance/study-oriented course for keyboardists investigating the standard repertoire for pianos-four hands and two pianos during the common practice period. Prerequisite: MUS 124.

MUS 261-Wind Ensemble (0-1)
Emphasis on original works for wind ensemble and concert band. The Wind Ensemble performs in several concerts a year. Membership is open to all interested students by audition.

MUS 263-Brass Ensemble (0-1)
Performs at various concerts and other events of the college, as well as in churches in the New York metropolitan area. Major works for brass ensemble are performed, in addition to instrumental accompaniments for college choral ensembles. Membership by audition.

MUS 266-Percussion Ensemble (0-1)
Percussion ensemble utilizing a wide array of instruments such as marimba, vibraphone, xylophone, snare and bass drum, cymbals, timpani, orchestral percussion, drum set, congas, bongos, tabla, and berimbau. Includes a wide range of styles including contemporary percussion works, Brazilian samba, Afro-Cuban, and transcriptions ranging from string quartets to ballet music to jazz. May include piano, guitar, bass, and winds. Prerequisite: Audition required.
MUS 267- Chamber Singers (0-1)
A select advanced vocal ensemble consisting of 10-12 students. Repertoire includes music of many styles and periods. Students should demonstrate proficiency in sight reading and will be asked to tour. There will be several performances on and off campus each semester. This is a repeatable class. Audition and instructor permission are required.

MUS 268- Small Jazz Ensemble (1)
An instrumental performance based course, including a study of jazz harmony, improvisation, and performance practices based on selected repertoire covering a wide variety of jazz styles.

MUS 361-Chamber Music (0-1)
Study and participation in duets, trios, quartets, and various kinds of chamber music. Pre-requisite: Instructor’s permission required.

MUS 362-Collegium Musicum (0-1)
Ensemble that specializes in instrumental and vocal music from the Medieval through the Baroque periods. Repertoire is chosen from a different area of concentration each semester, such as Renaissance madrigals and motets, Baroque opera, concerti grossi, and anthems by Purcell and Handel. Instruments include strings, woodwinds, recorders, harpsichord, organ, guitar, and some percussion. Audition required, MUS 213 Western Music to 1700 recommended.

MUS 363-Handbell Choir (0-1)
Ensemble experience is provided in the development of musical skills and handbell technique in particular. The Handbell Choir performs on the annual Carol and Candlelight Tour and at other college functions, as well as in churches in and around the New York metropolitan area. Pre-requisite: Instructor’s permission required.

MUS 365-Opera Theater Workshop (0-1)
The study and performance of chamber operas, one-act operas, scenes from major operas, and selected Broadway musicals. Open to all students. Pre-requisite: Audition required.

**MUSIC METHODS**

MUS 233-Singer’s Diction (2)
An introduction to Singer’s and Actor’s Diction in English, French, Italian, German, and Latin. This is an introductory course, using IPA, in the essentials of pronunciation and communication of these five languages. Poetry, basic vocabulary, rudimentary grammar, and the study of regional idioms prepare the singer and church musician to perform and conduct all styles of music. Pre-requisite: MUS 122.

MUS 235-Advanced Singer’s Diction (2)
Advanced diction study of French, Italian, German, English, Latin, and Russian art songs and operatic repertoire including intensive IPA study. Pre-requisite: MUS 233
MUS 333-Choral Conducting (1)  
An introduction to the basic techniques of choral conducting. Experience with a laboratory ensemble is provided. Consideration of philosophical and pragmatic issues relating to choral groups in varied circumstances. Prerequisite: MUS 123,124.

MUS 334-Choral Conducting Methods (2)  
Continued development of conducting techniques, repertoire selection, and performance considerations. Rehearsal techniques, with a laboratory ensemble. Prerequisite: MUS 333.

MUS 433,434-Orchestral Conducting (1,1)  
Modern baton technique, interpretation, and score reading using live music in the classroom as well as recorded works. Prerequisite: MUS 123,124.

MUSIC THEORY and COMPOSITION

MUS 111-Basic Theory (2)  
Provides an introduction to music language skills of the Common Practice period understood as general knowledge. Enrollment to this course based on placement exams in Theory and ET/SS. Open to non-music majors as an elective. (liberal arts elective)

MUS 112-Basic Ear Training 1 (1)  
An introductory skills course teaching the basic concepts of rhythm, intervals, music notation, and solfege. Open to non-music majors as an elective and to music majors, based on placement.

MUS 121-122- Ear-training 1, 2 (1-1)  
The course emphasizes tonic sol-fa sight-singing, ear training, dictation in all clefs, diatonic melody, intervals, and basic chord identity. Study of double, triple, and quadruple division of the beat; the dotted note. Two hours weekly.

MUS 123-124- Theory 1, 2 (3-3)  

MUS 221-222-Ear-training 3, 4 (1-1)  
Practiced and intermediate reading and hearing of music in one through four parts. Course content includes diatonic, chromatic, and twentieth-century harmonies. Drill in rhythm, intervals, clefs, and melodic and harmonic, dictation. Two hours weekly. Prerequisites: MUS 121,122.

MUS 223-224- Theory 3, 4 (3-3)  
Review of diatonic theory, and continuing through chromatic and twentieth-century harmonies. Keyboard harmony. 3 hours weekly. Prerequisite: MUS 123,124 (liberal arts elective)
MUS 225-Elementary Counterpoint (2)
Introduction to 16th- and 18th-century contrapuntal techniques through the use of five species in two-part writing in major and minor modes. Canon, double counterpoint. Two-part invention. Attention is drawn to both instrumental and vocal texture problems. Prerequisite: MUS 123,124 (liberal arts elective)

MUS 226-Advanced Counterpoint (2)
A continuation and expansion of contrapuntal techniques, including 19th- and 20th-century techniques. Prerequisite: MUS 225 (liberal arts elective)

MUS 321-Composition and Improvisation (2)
Writing of original hymn tunes. Simple binary and ternary forms, leading into larger classical forms. Development and accompanimental devices are studied. Compositions to be written in which both contrapuntal and harmonic skill is demonstrated. Prerequisite: MUS 224

MUS 323-Form and Analysis (2)
Detailed structural analysis of homophonic and polyphonic forms, fugue and motive through simple and compound song form to larger forms of rondo and sonata form. Polyphonic forms of the invention, figure, and variations. Prerequisite: MUS 224 (liberal arts elective)

MUS 327-Instrumentation and Orchestration (2)
A study of the instruments of the orchestra and band together with practical work in orchestral and band scoring. Prerequisite: MUS 223,224

MUS 322, 421-422-Advanced Composition (2-2-2)
Private instruction in composition for composition majors, culminating in the Senior Recital of original pieces. Prerequisite: MUS 321

MUS 427-Advanced Orchestration (2)
Private instruction in orchestration for composition majors, including larger instrumental forms, chamber music, and arranging in preparation for the Senior Composition Recital. Prerequisite: MUS 327

SACRED MUSIC

MUS 355-Church Music Administration (2)
Philosophy of music ministry with consideration of administration and development of total church music program, including a multiple-choir system and survey of choral and instrumental literature.

MUS 357-Hymnology (2)
A study of the development of Christian hymnody from its earliest times to the present; examination and criticism of hymns in the light of their function, spiritual values, and relevance in an age of change. (liberal arts elective)

MUS 375/376-Field Work (1 per semester)
Under supervision of a faculty member, the student assumes the responsibility of a church music program during each semester of his final two years of residency.

MUS 415-Worldview of Music and Worship (3)
A capstone course for music majors which explores the Biblical theist worldview within the study of Old and New Testament music and worship. Historical
traditions, modern liturgical traditions, non-liturgical traditions, New Testament ordinances, sacred versus secular music and competing ideologies will be studied, leading to a creative approach to music in Christian worship - the "living liturgy" of life as an ongoing "sacrifice of praise." (liberal arts elective)

MUS 437-Service Playing and Improvisation (2)
A course in the practical aspects of service playing, including improvisation, modulation, choir accompaniment, anthem score reading, and congregational hymn playing.

MUS 478/479-Field Work (1 per semester)
A continuation of MUS 375/376.

PASTORAL MINISTRY (PMN)

PMN 101-Introduction to Spiritual Formation (2)
This course, the first in the Bible/Ministry core, is designed to introduce the student to a lifestyle of spiritual formation at Nyack College. The quadrant of spiritual formation will be taught in this course, emphasizing the areas of being, knowing, belonging and serving.

PMN 201-Nyack Heritage (1)
An introduction to the missional and educational theory of A.B. Simpson (1843-1919), founder of Nyack College and inspiration for Nyack’s ongoing educational mission. Appreciation for the historic work of the Christian and Missionary Alliance will be linked with vision for similar work in the global community today. (liberal arts elective)

PMN 207-Introduction to Messianic Ministry (3)
This is the first course in the Messianic Jewish Studies Concentration. It will introduce students to the history, sociology and theology of the modern Messianic Jewish Movement of today and its relationship to first century Messianic Judaism. We will examine the importance of "Restoring the Jewishness of the Gospel" to the larger Body of Messiah as well as its impact upon reaching our modern Jewish world.

PMN 224-Introduction to Global Mission (3)
(For description, see ICS 224)
PMN 228-Introduction to Women in Ministry (3)
This is the first course in the women in ministry concentration. It is a survey of the role and ministry of women in the Scripture, Church history and the contemporary setting. Attention will be given to the role of women in missions, Christian education, North American ministry and other ministry settings. One of the core objectives in this course is to release and empower women for their God-given Calling. (Same as CED, ICS 228)

PMN 230-Poetry as Ministry (3)
A reading of Christian religious verse of 20 centuries of the Christian Church, coupled with its place in varied counseling, teaching and preaching ministries. Techniques in writing Christian poetry will be investigated, coupled with the place of poetry workshops in ministry.

PMN 233-Theology of Worship and the Arts (3)
This is the first course in the Worship and the Arts concentration. The focus of this course is to build a biblical theology of worship and the arts from the Scriptures and church history. Attention will be given to the critical evaluation of contemporary issues in worship from a biblical foundation.

PMN 243-International Pastoral Ministry Experience (1)
This course consists entirely of an overseas ministry experience in a “two-thirds world” nation. Observation and analysis of pastoral ministry in an international setting will be prioritized. Ministry experience will also be a part of this course. Special Course Fee to cover cost of trip will be attached. Instructor permission required.

PMN 252-Leadership and Character Development (3)
This course is designed to develop knowledge of what characterizes a strong leader, help the student to assess his/her strengths and weaknesses as a leader, and engage him/her in practical and experiential leadership exercises. (Same as CED 252, ICS 252)

PMN 310-Pastoral Counseling (3)
This course is designed to provide a theological foundation for pastoral counseling. It will also include an overview of counseling skills necessary in pastoral ministry. Subjects will include crisis counseling, interventions, 12-step groups, premarital, marriage, and family counseling, inner healing, ethics and other necessary topics.

PMN 311-Introduction to Homiletics (3)
This entry-level course will focus on the construction and delivery of basic expository sermons. Each student will formulate and preach several short expository sermons followed by classroom evaluation. Juniors or seniors only. Instructor’s permission required for non-majors.

PMN 312-Intermediate Homiletics (3)
This second level course in homiletics will continue to focus on the construction of basic expository sermons with a greater emphasis on the actual delivery of the sermon. Students will be videotaped as they preach and will then be required to critique their own sermon. A basic topical sermon model will also be taught along with some elements of other approaches such as narrative, verse by verse, and teaching. Prerequisite: PMN 311. Juniors or seniors only. Instructor’s permission required for non-majors.
PMN 313-Pastoral Counseling in the Urban Setting (3)
This course is designed to provide the student with a theological foundation and practical skills for counseling both parishioners with social domestic problems and people in need in the wider community.

PMN 315-Developing the Messianic Ministry (3)
The course will examine the various models of modern Messianic Judaism and their relationship with historical Jewish Missions. We will compare and contrast the models to develop a working model for effective Messianic Jewish synagogue planting and walk students through all the stages of development. The course will equip students with the tools and methodologies for developing healthy and successful Messianic Jewish communities.

PMN 321-Leadership Development & Mentoring (3)
This course will examine the importance of the task of leadership development, and will explore various ways to approach this task. Biblical models and insights from human development theory will be discussed. Emphasis will be placed on helping students understand the environments in which effective leadership development occurs.

PMN 327-Meaningful Worship in a Technological World (3)
This course seeks to assist worship leaders in planning worship services that use technology to enhance and not detract from the corporate worship experience. Included in this course will be the topics of video, lightning, sound, and worship production software (MediaShout, SongShow Plus, PowerPoint, etc.)

PMN 329-Patterns of Organizational Behavior (3)
Understanding that Christian ministry is largely conducted in the context of groups and organizations, this course will study the predictable behavior of organizations. Special emphasis will be given to the impact of such dimensions as organizational mission, strategy, structure, culture, systems, and leadership on the performance and nature of the organization. Organizational change is also addressed. The course is also appropriate for students not seeking a ministry vocation.

PMN 340-Alliance Doctrine and Polity (1)
The history, the organization, the distinctive doctrines and practices, and the current emphasis of the Christian and Missionary Alliance denomination. Preparation for the denomination’s interview process. (liberal arts elective)

PMN 341-Principles of Evangelism (3)
(For course description ICS 341)

PMN 343-Divine Healing (3)
An investigation of biblical, theological, and psychological perspectives on spiritual, emotional, physical, and relational healing. Special consideration will be given to the historic C&MA thought with regard to Jesus and Healer.

PMN 346-Personal Spiritual Formation (3)
Principles and practices of classic spiritual disciplines as the discipling tool of the church. Implications for Christian living and an agenda for continued growth are featured. A course fee of $125.00 applies. (Same as CED 346)
PMN 348 - Philosophical Hermeneutics (3)
(For course description see PHI 348, liberal arts elective)

PMN 350 - Power Encounter (3)
This course is designed to give an overview of spiritual warfare. It will cover topics such as Intercessory Prayer, strategic level spiritual warfare, personal warfare, deliverance and inner healing ministry. Because of the nature of the course, a theology of spiritual gifts and Kingdom ministry will also be developed. (Same as CED, ICS 350)

PMN 357 - Introduction to Church Planting (3)
This course is designed to give an overview of the theology, methodology and history of church planting. Emphasis will also be given to contemporary models of church planting with a goal of helping the student adapt a methodology that will equip and serve him or her best in their future ministry.

PMN 358 - Community Development in Context (3)
(For course description see ICS 358)

PMN 391 - Teaching Internship (1)
Fulfilled by a teaching ministry of at least one semester (6 presentations) that involves weekly preparation and presentation.

PMN 392 - Preaching Internship (1)
Fulfilled by a minimum of three preaching assignments beyond the homiletics requirements. Prerequisite: PMN 311.

PMN 393 - Christian Service: Internship in Community Service (1)
Fulfilled by a semester of volunteer service rendered to the broader community.

PMN 394 - Christian Service: Internship in Worship Leading (1)
The internship in Worship Leading will include the preparation, rehearsal and leading of no less than three worship services. The student is strongly encouraged to seek as many worship leading opportunities beyond this minimum as possible. This internship is best fulfilled with the cooperation of a worship team and a preaching pastor. Please have the person in charge of the services fill out a confirmation report. This report is to be filed with the Pastoral Ministry Department Head.

PMN 411 - Spiritual Autobiography (3)
(For course description see HIS 411, liberal arts elective)

PMN 413 - History of Christian Spirituality (3)
(For course description see HIS 413, liberal arts elective)

PMN 414 - Applied Homiletics (3)
The applied course in homiletics will expand upon the models learned in the previous courses. Emphasis will be given to cultural contextualization technology and leadership in preaching. Students will formulate and deliver full-length sermons. The outlining of sermon series will also be covered. Prerequisite: PMN 312.
PMN 421-Developing the Woman’s Gifts and Calling (3)
This course is designed to be the capstone of the Women in Ministry Concentration. It will examine the development of gifts and callings of women throughout Biblical and Church History. It will explore various ways women are being developed and released into ministry in the contemporary church, both in an urban and suburban setting. Emphasis will be placed on helping students understand and develop their own gifts and calling.

PMN 432-Principles of Church Growth (3)
(For course description see ICS 432)

PMN 433-Critical Issues in Urban Ministries (3)
(For course description see ICS 433)

PMN 435-Introduction to Urban Ministries (3)
(For course description see ICS 435)

PMN 441-Leadership and Administration (3)
Principles of the organization and administration of church ministries, including coordination of program and personnel, budgets and financing, personal time management, and leadership development. (Same as CED 441)

PMN 442-Pastoral Methods (3)
Guidance in the resources, methods, and practices in the primary functions and duties of the pastoral office. Includes ordering services, funerals, wedding, administering ordinances, conducting meetings, visitation, and pastoral care.

PMN 444-Evangelizing Jewish People (3)
A detailed examination of the strategies and methodologies used in the past and currently being used to reach the Jewish people. Also included are discussions regarding the discipling of Jewish believers in the Messiah and the incorporation of these disciples into appropriate Messianic and traditional congregational structures.

PMN 445-Leading the Worship Ministry in the Local Church (3)
This course is designed to be the capstone course of the Worship and the Arts Concentration. It will examine the development of the gifts and calling of the worship leader. This course will include instruction and practical lab time for developing worship ministries. It will also cover the development of philosophy of worship and practical ministry in the local church setting.

PMN 447-The Jewish People and Prophecy (3)
(For course description see BIB 447)

PMN 454-Understanding and Transforming Urban Systems (3)
(For course description see ICS 454)

PMN 456-The Church in the Urban Context (3)
The course examines the centrality of the Church in today's urban setting. The ministry of the Church in terms of worship, proclamation of the Gospel, fellowship, evangelism, and service is examined in depth, along with the role of the urban pastor.
PMN 470-Senior Seminar (3)
This course is designed to be the capstone of the Pastoral Ministry Major. Emphasis will be given to practical ministry preparation in the areas of vision-casting and development, philosophy of ministry, resume preparation, and cultural contextualization.

PMN 480-Independent Study in Pastoral Ministry (1-3)
Guided study in an approved topic in Pastoral Ministry. It may be done either as a theoretical study or as an aspect of a full-time internship program with a local church. Permission of the Department Head and Dean is required.

PMN 495/496-Urban Ministries Internship (3)
This course provides a semester of approved fieldwork in urban ministry in metropolitan New York. The supervised ministry experience will be combined with reading assignments, along with being mentored by staff personnel to provide evaluation and mentoring. (Same as ICS 495/496)

PHILOSOPHY (PHI)
All courses meet liberal arts elective requirement.

PHI 101-Introduction to Philosophy (3)
This course provides the student with a systematic introduction to the discipline of philosophy. It begins by examining some fundamental concepts and problems in the areas of metaphysics and epistemology, and then proceeds to consider other areas of philosophical inquiry including: social and political philosophy, ethics, philosophy of religion, philosophy of history, and aesthetics.

PHI 202-Logic (3)
This course begins with the fundamental concepts of logic, including truth, validity, induction, and deduction. The course progresses through the inferences of everyday language and problem-solving, and into formal deduction, including symbolic logic and quantification theory. Inductive inferences and probability will also be examined.

PHI 314-World Religions (3)
(For course description see ICS 314)

PHI 321-The Dialogues of Plato (3)
This course surveys the writings of Plato. We begin with the early dialogues that surround the life and death of Socrates such as Euthyphro, Apology, Crito, Phaedo, and Meno. We then examine some of the great middle dialogues, including the Parmenides and sections of the Republic. We conclude with the late dialogues such as the Sophist, Statesman, and Philebus.

PHI 322-Aristotle and the Medievals (3)
The first half of this course focuses on Aristotle, examining the Aristotelian system from the perspective of his metaphysics, logic, physics, and concept of the soul. In the second half of the course, attention is turned to the medievals, considering as the central theme the way they tried to Christianize the Aristotelian system.

PHI 323-The Empiricists: Locke, Berkeley, and Hume (3)
This course examines the three great British empiricists of the modern era and focuses on their respective treatment of questions concerning innate ideas, perception, universals, and the scope of human knowledge.
PHI 324-Modern Continental Philosophy: From Descartes to Hegel (3)
This course begins with 17th-century rationalism and traces that tradition from Descartes through Spinoza and Leibniz. In the 18th century, the tradition culminates in the German idealism of Kant. The course then traces German idealism from Kant to Hegel in the 19th century.

PHI 331-Pragmatism (3)
This course will examine the work of leading philosophical pragmatists (e.g. Dewey, James, Rorty), exploring the appropriateness of a pragmatic justification of Christian truth claims and the relevance of the interrelationship of faith and reason.

PHI 341-Philosophies of Love (3)
This course examines a variety of philosophers, both classic and contemporary, on the topic of love. The readings address questions concerning love’s relationship to reason, the emotions, romance, and duty. Readings include Plato, Aristotle, Stendhal, Gasset, Kierkegaard, Nygren, Brentlinger, and Vlastos. Prerequisite: PHI 101 or instructor’s permission.

PHI 342-Feminist Philosophy (3)
This course examines some of the major feminist philosophers and thinkers writing today including: Julie Kristeva, Luce Irigaray, and Carol Gilligan, just to mention a few. The readings will focus on how a woman’s sexuality, psychological development, and social experience create a perspective uniquely different from that of a man.

PHI 343-History of Political and Social Thought (3)
(For course description see HIS 343, social science elective)

PHI 345-Epistemology (3)
A systematic examination of such subjects as perception, knowledge, belief, truth, universals, necessary truth, and meaning. Prerequisite: PHI 101.

PHI 346-Ethics (3)
This course examines contemporary moral problems in the context of classical ethical theories. The classical theories of Plato, Aristotle, Augustine, Aquinas, Kant, Bentham, and Mill are considered. Students will have opportunity to exercise their own moral thinking by applying those theories to a variety of contemporary moral issues. Prerequisite: PHI 101.

PHI 348-Philosophical Hermeneutics (3)
The historicism of the 19th century, along with the linguistic turn and cultural relativism of the 20th century has brought hermeneutics to the center stage of 21st century thought. We can no longer take interpretation for granted and must now face the philosophical questions which are at the base of the meaning that we attribute to texts or the world. The course begins with traditional notions of hermeneutics and then examines the factors which have brought hermeneutics to the center stage and the ways that Schleiermacher, Heidegger, Gadamer, and Derrida have attempted to deal with contemporary hermeneutic problems. (Same as PMN 348)
PHI 367-Christian Existentialism: The Philosophy of Søren Kierkegaard (3)
This course surveys the work of Kierkegaard, relying upon both primary and secondary texts. Students are encouraged to consider the implications of Kierkegaard’s ideas regarding faith and the subjectivity of experience for our role as Christians in a postmodern world. (Same as THE 367)

PHI 431-Recent Philosophy (3)
A study of selected works by Kant, Husserl, Heidegger, Moore, Russell, Wittgenstein, Sellars, and Quine.

PHI 432-Contemporary Continental Philosophy (3)
This course examines the major figures of the 20th century continental philosophy including Husserl, Heidegger, Sartre, Derrida, Gadamer, Habermas, Levi-Strauss, Saussure, and Foucault.

PHI 433-Philosophy of Mind (3)
Discussion of the biblical view of man, dualism, behaviorism, the identity theory, and functionalism.

PHI 441-Philosophy of Religion (3)
The course centers on questions concerning the relationship between faith and reason, the attributes of God, and the nature of things like: miracles, evil, and religious experience. (Same as REL 441)

PHI 448-East Asian Religions (3)
(For course description see ICS 448)

PHI 461-Kant (3)
An in-depth study of Kant’s Critique of Pure Reason, omitting the Transcendental Doctrine of Method. Prerequisite: PHI 101.

PHI 480-Independent Study (1-3)
Independent study in an approved topic in Philosophy. Permission of the Department Head and Dean is required.

PHYSICAL EDUCATION (PED)

Physical Education Experience Credit Policy
Veterans with two years of certifiable military experience are eligible for two physical education credits. Applications for such credit are available at the Athletic Office and after approval should be submitted to the Registrar’s Office. A charge of $50.00 will be made in addition to any instructional fees.

PED 124-Kickboxing (1)
PED 125-Lacrosse (1)
PED 128-Volleyball (1)
PED 121-Foundations of Physical Education and Sport (3)
A basic introduction to physical education dealing with the philosophical, historical, biological, physiological, sociological and political foundations of physical education. Emphasis is placed on helping the student become aware of the basis for sport in America through the development of physical education.

PED 211-Physical Education for Educators (1)
The course is designed to offer practical experience in activity planning, implementation, and evaluation. Candidates will develop an understanding of motor development and physical activity as central elements to foster active, healthy lifestyles for N-6th grade students as well as their roles in academic learning.

PED 222-Exercise Physiology (3)
Basic metabolic processes occurring at rest and during exercise; dynamics of muscular contraction and circulation; the relationship of nutrition to physical performance; and effects of age, environment, and gender on physical activity. (liberal arts elective)

PED 234-Personal Health Strategies (3)
Provide the necessary knowledge and skills to develop a personal fitness/wellness program and to achieve greater lifelong health. Includes component of first aid and CPR as directed by the American Red Cross.

PED 319-Sport Management (3)
Course intended to survey approach to the field of sports management. Topics covered include evolution of sports management, career opportunities, communications in sport, ethics in sport, technology in sport and basic management issues including scheduling, personnel, etc.

PED 328-Principles of Coaching (3)
A survey of the psychological, motivational, technical and tactical development of a sports coach. Includes practical application as well as administration and organization aspects of coaching interscholastic or recreational teams.

PED 329-History of Sports in Society (3)
A survey of past and present roles sport has played within our society including the impact on the educational system, the media, family and economic structures. Areas include heritage, social status, personality and race will be addressed. (liberal arts elective)

PED 490-Sports Internship (1-3)
The practical application of business knowledge in an applied setting will be studied. The location and nature of the internship must be approved by the Department Chair and Dean.
PHYSICAL SCIENCES (GEO, PHY, PSC)
All four-credit science courses include a lab component and provide liberal arts credit.

GEO 110-Physical Geology (4)
Examination of the physical aspects of geology relating to the earth’s formation, development, and composition. The composition, structure, characteristics, and origin of minerals, rocks, and land forms are studied. Interpretation of historical and active plate tectonics is also considered.

GEO 111-Historical Geology (4)
Examination of the historical aspects of geology covering the earth’s formation, development, and composition. Interpretation of earth history is unfolded through study of time periods, fossil evidence, and rock formations.

PHY 121-Introduction to Physics (4)
Covers classical physics that includes mechanics, electromagnetism, thermodynamics, and optics. Modern concepts such as quantum physics will also be discussed. Students will engage in experiments that demonstrate the concepts discussed in lectures using various equipment and the computer.

PSC 218-Survey of the Physical Sciences (4)
An introduction to astronomy, physics, and earth science. A hands-on approach will be used to prepare students for science instruction in the elementary school. 
Childhood Education majors only.

POLITICAL SCIENCE (POL)
All courses meet liberal arts and social science elective requirement.

POL 101-Introduction to Political Science (3)
A comprehensive introduction to the principal concepts, terminology and divisions of political science. In surveying the major political ideas, ideologies, political systems and institutions, the course examines the promise and limits of political analysis.

POL 215-American Government (3)
American democratic system of government; ideological background; constitutional system; structure and problems. (Same as HIS 215 and SOC 215)

POL 339-International Law (3)
(For course description see BUS 339)

POL 343-History of Social & Political Thought (3)
(For course description see HIS 343)

POL 359-International Politics (3)
Analysis of state behavior and international political relations: how things happen in the international state system and why. Emphasizes the issue of war and how and in what circumstances states engage in violence. Topics include different historical and possible future systems of international relations, imperialism, game theory and deterrents, national interests, and world organization.
POL 410-Comparative Politics (3)
Major concepts, approaches, problems, and literature in the field of comparative politics. Methodology of comparative politics, the classical theories, and the more recent behavioral revolution. Reviews personality, social structure, socialization, political culture, and political parties. Major approaches such as a group theory, structural-functionalism, systems analysis, and communications theory and evaluation of the relevance of political ideology; national character; elite and class analysis; and problems of conflict, violence, and internal war.

POL 439-Political Theory (3)
This course is an introduction to political theory as a mode of thinking about politics. It is designed to demonstrate how theory can enhance the understanding of politics and to connect political theory to political science more generally. Using selected works of classical and contemporary political thinkers, the course explores the meaning of justice, morality, nature, force, fear, freedom, and rationality as foundations of the political association.

PSYCHOLOGY (PSY)
All courses meet social science and liberal arts elective requirement.

PSY 101-General Psychology (3)
This course is an introduction to the scientific study of human behavior and experience. The student will be challenged to understand the rationale of psychological research and how it complements other ways of obtaining knowledge about behavior. Different theoretical perspectives regarding behavior will be considered, as well as the functions of the brain and nervous system. Topical surveys will include several areas from the following list: neuroscience and behavior; the developing person; sensation and perception; states of consciousness; learning; memory; thinking, language, and intelligence; motivation; emotions, stress, and health; personality; psychological disorders; therapy; social psychology. This course is a prerequisite for all other Psychology courses.

PSY 110-Psychology Research Methods (2)
This course is an introduction to bibliographic research skills in the field of psychology. It will focus on a review of information sources in psychology, selection of appropriate materials, the process of critical thinking and writing of APA-style research papers. This course is a prerequisite for all 300 and 400 level PSY courses. Non-PSY majors will be exempt from this requirement by permission of instructor. Prerequisite: ENG111.

PSY 243-Interpersonal Communication (3)
Theoretical understanding of the communication process and practical application of communication skills. Attention is given to such influences as perception, self-concept, emotion, and cultural context on communication. Practical exercises will develop such skills as perception checking, active listening, self-disclosure, and assertiveness. (same as COM 243).

PSY 244-Human Growth and Development (3)
This course will provide an overview of human development from infancy through late adulthood. Theories and research regarding the physical, cognitive, social, emotional and spiritual aspects of development will be examined. Nursing majors only.
PSY 246-Child Psychology (3)
Theories and research regarding the physical, cognitive, social, emotional, and spiritual growth of the child will be addressed.

PSY 248-Adolescent Psychology (3)
Theories and research regarding the physical, cognitive, social, emotional, and spiritual growth of the adolescent will be addressed.

PSY 250-Adult Development (3)
This course will explore the physical, cognitive, social, emotional, and spiritual aspects of development during adulthood. It will provide an understanding of the theories of adult development as well as recent research findings.

PSY 253-Integration of Psychology and Theology: A Survey (3)
This is a survey course of the principal models of integration regarding psychology and theology. The content includes a study of ways in which the scientific findings of psychology can be integrated with biblical truths for a better understanding of human behavior, experience, and relationships.

PSY 258-Counseling Methods (3)
The application of counseling theory and interpersonal dynamics to the counseling process will be explored. Practical training to develop counseling skills will be combined with theoretical study. (Same as CED 258)

PSY 264-Group Dynamics (3)
The nature of groups and the principles of group processes will be examined. Topics to be considered include group communication, leadership, facilitation, decision-making, and conflict resolution. Practical applications and the development of interpersonal group-related skills are emphasized. Prerequisite: at least Sophomore status.

PSY 321-History of Psychology (3)
The historical development of contemporary psychological concepts and theories will be reviewed.

PSY 337-Statistics for Social Science (3)
The basic concepts underlying and calculations used in statistical procedures for analyzing the results of research in the social sciences will be presented. Prerequisite: Any Math course. (Same as SOC 337 and SWK 337)

PSY 339-Experimental Psychology (4)
An introduction to the principles and procedures of research in psychology will be presented with an emphasis on the experimental method. Laboratory experience in conducting psychological experiments will be included. Prerequisite: PSY 337.

PSY 342-Abnormal Psychology (3)
This course presents descriptions and studies of the major behavior disorders including their origin, diagnosis, treatment, and prevention.

PSY 345-Addictions Theory and Counseling (3)
This course covers the theories of drug addictions and compulsive behavior patterns such as eating disorders, gambling, etc. A comprehensive assessment model will be presented. Additionally, specific counseling skills and counselor
traits that have been shown to be effective in helping those with addictive behaviors will be covered. Prerequisite: PSY 258.

PSY 346-Social Psychology (3)
This course presents studies of the individual in social and cultural context, with attention given to attitude formation and change; interpersonal influence; person perception; and group dynamics. (Same as SOC 346)

PSY 348-Human Sexuality (3)
A study of sexuality as a fundamental quality of human personhood is presented. Topics will include sexual identity as an aspect of human development; the complex nature of sexual relationships; normality and abnormality in sexual behavior; male-female differences; gender roles; moral issues; and biblical perspectives. (Same as SOC 348)

PSY 349-Family Counseling (3)
This course is an in-depth study of the principles, theoretical approaches, specific objectives, and techniques currently used in the various approaches to family and marriage counseling. The focus will be on normal developmental problems rather than on psychopathology. This course will present both a systematic and strategic approach to therapy including family systems, behavioral, and cognitive approaches. Prerequisite: PSY 258.

PSY 354-Health Psychology (3)
This course investigates the psychological issues regarding health promoting and maintaining behaviors, prevention and treatment of illness, etiology and correlates of health, illness, and dysfunction, and an analysis of the health care system and the formation of health policy.

PSY 431-Psychological Tests (3)
The course will study the major intelligence, personality, and vocational interest tests used in educational and clinical settings. Prerequisite: PSY 337.

PSY 438-Physiological Psychology (3)
This course provides an in-depth study of the physiological basis of behavior. Emphasis is placed on acquiring a thorough knowledge of functional neuroanatomy, neural conduction, and synaptic transmission. At least one sense system, perception, learning and memory, motivation, and the neurophysiological correlates of mental illness are covered.

PSY 441-Theories of Personality (3)
The course will study the major personality theories, with emphasis on their consistency, completeness, relation to empirical data, and practical implications.

PSY 443-Psychology of Learning (3)
This is a survey course that investigates the theories and research in the experimental study of human and animal learning. This is not a course in education, but a study of basic psychological processes.

PSY 444-Psychotherapy and Clinical Intervention (3)
A survey of the major schools of thought and approaches to psychological therapy, including theoretical principles, techniques, and applications will be presented.
PSY 447-Psychopharmacology of Drug Abuse (3)
This course provides a study of the substances of abuse including alcohol, prescription medications, illegal drugs, and social drugs such as nicotine. The routes of ingestion, absorption, metabolism, and elimination will be studied. The psychopharmacological effects of each substance and the Substance-Related Disorders of DSM-IV will be reviewed.

PSY 460-Topics in Psychology (3)
Selected topics not currently included in course offerings will be presented in various fields of psychology. Possible topics include cross-cultural psychology, psychology of emotions, and the psychology of gender. This course may be repeated for credit. Prerequisite: three (3) courses in Psychology.

PSY 470-Psychology Seminar (3)
This is a seminar course that is an in-depth study of some topic or topics of contemporary interest in psychology, with an emphasis on the integration of psychology and theology. Students will be expected to do independent research. Prerequisite: PSY 253; open only to senior Psychology majors or minors.

PSY 480-Independent Study (1-3)
The student will complete an independent study in an approved topic in Psychology. Permission of the Department Head and Dean is required for the Learning Contract.

PSY 490-Internship (1-3)
The practical application of psychological knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and Dean. Four courses in Psychology should be completed prior to beginning an internship.

RELIGION (REL)
All courses meets liberal arts elective requirement.

REL 310-The Psychology and Sociology of Religion (3)
This course introduces the student to various sociological and psychological approaches to the study of religion, as well as the effects that religion has upon these aspects of human existence. Such topics as the phenomenon of civil religion, attraction to cults, and the psychological aspects of the process of religious conversion will be examined in detail. (Same as SOC 310, social science elective)

REL 314-World Religions (3)
An introduction to the cultural background, historical development, main tenets, and philosophical system of the leading living non-Christian religions as compared and contrasted with the Christian world view. (Same as PHI 314 and ICS 314)

REL 321-Reformation Thought (3)
(For course description see THE 321)

REL 323-Early Christian Thought (3)
(For course description see THE 323)

REL 342-History of Christianity (3)
(For course description see HIS 342)
REL 344-Catholicism and Orthodoxy (3)
A study of the current state of the Roman Catholic Church and the Eastern Orthodox Churches, with a view to understanding contemporary doctrinal issues as well as the political and social issues which concern these divisions of the Christian Church. (Same as ICS 344)

REL 347-New Age and the Occult (3)
A course designed to introduce students to the various facets of the New Age Movement and occult religious practices as contemporary phenomena in the Western world. (Same as ICS 347)

REL 351-The Black Church in America (3)
The creation and development of the Black Church as a social institution in the United States. The influence of the church on the political, economic, social, and spiritual life of the Black community.

REL 352-Religion in Latin America (3)
A history of the Roman Catholic Church in Latin America and the role it has played in shaping social and political institutions. Special attention will be given to the influences of indigenous religious movements, liberation theology, and Protestant missions.

REL 353 – A History of the Islamic Middle East (3)
This course will provide a brief summary of the pre-Islamic period, followed by a detailed account and analysis of the interactions that have existed between the various personages, people groups, nation states and religious systems in the Middle East from the late 6th century to the present. Particular attention will be paid to the events that have taken place since the Iranian revolution of 1979. (same as HIS 353)

REL 354- Islam in the West (3)
This course will provide a detailed account and analysis of the arrival of Muslims in the West (i.e., Europe and America), the problems they have faced in terms of bias and prejudice, the ways in which they have adapted to living in countries that are not under Muslim law, and the ways in which they seek to convert others to their faith in those countries. (same as HIS 354 and ICS 354)

REL 356-The Next Christendom (3)
This course will provide a detailed account and analysis of the globalization of Christianity, including its shift in terms of number of adherents and its influence to the South of the equator. Particular attention will be paid to the implications of this shift with respect to modifications and adaptations that will most likely be made in terms of theological precepts and lifestyle issues. (same as HIS 356)

REL 359-The Arab-Israeli Conflict (3)
This course will provide a detailed account and analysis of the interactions that have existed between the various personages, people groups, nation states, and religious systems in Palestine/Israel and its immediate environs, from the origins of the Zionist Movement in the 19th century to the present day. Particular attention will be paid to the various views that Christians have taken with respect to this conflict. (same as HIS 359)
REL 392-Latin America Overseas Summer Study Program (2)
(For course description see ICS 392)

REL 411-Spiritual Autobiography (3)
(For course description see HIS 411)

REL 413-History of Christian Spirituality (3)
(For course description see HIS 413)

REL 428-Modern Christian Thought (3)
(For course description see THE 428)

REL 430-Contemporary Apologetics (3)
(For course description see THE 430)

REL 433-History of Religion in America (3)
(For course description see HIS 433)

REL 441-Philosophy of Religion (3)
(For course description see PHI 441)

REL 442-South Asian Religions (3)
A detailed examination of the history, doctrines, and practices of the adherents of Hinduism, Jainism, Sikhism, and Zoroastrianism with a view to being able to contextualize and communicate the Gospel to these adherents effectively. (Same as ICS 442)

REL 443-Alternative Religious Movements in America (3)
An introduction to the doctrines and practices of Jehovah’s Witnesses, Mormonism, Christian Science, Seventh Day Adventism, Scientology, The Unification Church, and others. (Same as ICS 443)

REL 445-Islam (3)
A detailed examination of the history, doctrines, and practices of the adherents of Islam with a view to being able to contextualize and communicate the Gospel to these adherents effectively. (Same as ICS 445)

REL 446-History of Judaism (3)
A detailed examination of the history, doctrines, and practices of the adherents of Judaism from the destruction of Jerusalem in A.D. 70 to the present day. (Same as ICS 446)

REL 448-East Asian Religions (3)
A detailed examination of the history, doctrines, and practices of the adherents of Buddhism, Taoism, Confucianism, and Shintoism with a view to being able to contextualize and communicate the Gospel to these adherents effectively. (Same as ICS 448, PHI 448)

REL 449-Judaism in the Old and New Testaments (3)
(For course description see BIB 449)

REL 470-Topics in Religious Studies (3)
A seminar course that allows students to explore topics of particular relevance to the field of contemporary religious studies. Topics such as the following will be
explored: Religion in Science Fiction, Religious Themes in Film, Neo-Paganism, Religious and Violence, Religion and the Environment.

REL 480-Independent Study (1-3)
Guided study in an approved topic in Religion. Permission of the Department Head and Dean is required.

REL 490-Internship (1-3)
The practical application of religious knowledge in an applied setting will be studied. The location and nature of the internship for the Learning Contract must be approved by the Department Head and the Dean.

SOCIOLOGY (SOC)
All courses meet liberal arts and social science elective requirement.

SOC 101-Introduction to Sociology (3)
This course introduces beginning students to the scholarly discipline of sociology. The course provides students with knowledge of the primary orientations in sociology. The course will evaluate how human behavior is shaped by the groups to which we belong and by the social interaction that takes place within those groups. Three major themes will be covered: (1) how self and society are constructed and sustained through the course of life; (2) the symbolic and ritual nature of self and society; and (3) social inequalities with emphasis on issues of power, class, race/ethnicity, and gender. Attention will be given to the importance of Christian involvement in sociology and how this relates to the three major areas of the discipline: social interaction; social concerns; and social institutions.

SOC 204-Introduction to Criminal Justice (3)
This course introduces students to an understanding of the criminal justice system. It focuses on law enforcement, the administration of justice and punishment, and the treatment of criminals. Topics include: functions of the police, crime prevention programs, the prosecutorial and defense functions, judicial administration and decision-making, institutional and community-based corrections, probation, and parole. The course examines the effects of race, ethnicity, social class, and gender differences within the criminal justice system.

SOC 240-Social Theory (3)
This course examines sociology from the points of view of 19th and early 20th century social theorists. Students read original sources by Tocqueville, Marx, Durkheim, Weber, Simmel, Mead, Parsons, and members of the Chicago School. The course focuses on the intellectual, social and political influences on their work, their concepts and systematic frameworks, and the development of their thought. The courses will examine the relationship of these “classical” theories and empirical works to contemporary theoretical efforts and programs of research.

SOC 241-Marriage and Family (3)
This course examines marriage and family from a sociological perspective. The course will expose students to the many forms that marriages and families have taken in the past and are taking in the present. The course will examine how cultural values, historical context, economic and political changes, and structured relationships of race, class, gender, and age interact and affect
marriage relationships. We will also examine the major changes affecting today’s families: the changing global economy; the economic well-being of families; health, addictions; transracial and international adoptions; racism, gangs, terrorism, war, death and dying. The course will attempt to provide a Christian perspective on the various topics discussed.

SOC 243-Sociology of Adolescence (3)
This course examines from a sociological theory and research perspective the phenomenon of adolescence. Rational choice theory, social learning theory, and attachment theory serve as a basis for understanding current sociological research regarding adolescents. (Same as CED 243)

SOC 250-Sociology of the City (3)
The history and development of American urbanization and its impact on the American social system. Special consideration of New York City with field trips.

SOC 280-The Asian American Experience (3)
This survey highlights past and contemporary experiences of Asian Americas. Based on research on Asians in America, students will use a sociological "eye" to view the historical, socioeconomic, political and cultural contexts that shape Asian America, examining issues including: immigration, community development, political empowerment, labor market status, gender relations, and civil rights.

SOC 310-The Psychology and Sociology of Religion (3)
(For course description see REL 310)

SOC 315 – Criminology (3)
This course focuses on the sociological aspects of crime and the sociology of criminal law. Special attention will be paid to the definition, nature, and scope of crime, and delinquency in the United States. The course will include an examination of the nature of criminal law, the variety of theoretical explanations for criminal behavior, the measurement of crime, patterns of crime and the mechanisms for control of criminal behavior.

SOC 316-Social Welfare Institutions (3)
Course provides an analysis of major public and private bureaucratic organizations that provide services to urban citizens. Selected systems (e.g., medical, welfare, legal, and educational) and the political, social, and economic consequences for client populations and professionals are examined.
SOC 317-Crime and Deviance (3)
Historical and current theories of the causes of deviance and crime will be examined. The focus of the course is on the offender, and the factors, circumstances or conditions that influence law-violating behavior. Emphasis will be placed on the ways social structures generate and label deviance. Particular attention will be paid to various social institutions, including the church.

SOC 328-Women in Society (3)
This course explores the changing position of women as a social group, focusing on the contemporary United States. The sexual division of labor in the paid labor market and in the household, the relationship of women to family change and family crisis, the changing role of women in politics, and the changing social construction of female sexuality will be studied.

SOC 330-Work and Family (3)
This course examines the social and demographic changes that have put work and family on the policy agenda, the different strategies used to balance work and family, and the impact of those strategies on women, men, and children. The course will discuss social theories about employment decisions, social change, social norms, and issues of gender and socioeconomic equality. We conclude with a broad overview of the responses of employers and government to current work-family issues, followed by an in-depth examination of parental leave debates.

SOC 334-International Relief and Development (3)
This course will examine current approaches to international relief and development work. The focus will be on the socio-cultural dimensions of development that shape the process. The course will also examine the role of Non-Governmental Organizations (NGOs) in their quest to ease human suffering and improve the quality of life for the world’s poor. The course will review current debates and policy issues in international development. Topics will include: sustainable development, refugees, poverty reduction, foreign aid, disaster relief, rural development, project design and management. (Same as ICS 334)

SOC 337-Statistics for Social Science (3)
(For course description see PSY 337)

SOC 342-Punishment and Corrections (3)
The theoretical approaches to punishment, deterrence, rehabilitation, and treatment within the U.S. correctional system. The course will also cover the administrative and operational components of the corrections system, including jails, prisons, probation, parole, boot camps, and community-based correction programs. Special attention is given to the impact of religious movements historically and currently on the prison movement, and to the ethical, legal, and social issues that must be confronted when the system is expected to bring about social justice to offenders, victims, and society.

SOC 343-Police and Society (3)
An overview of the roles of the police as agents of formal social control. The course will survey the functions and responsibilities of the police at the local, state, and federal level. The course examines the philosophy, history, character, structure, and function of the police role in a democratic society. Topics include: police values and culture, police responsibilities, police organization and structure, police-community relations, and crime control.
SOC 344-Social Problems (3)
The course is designed to provide students the ability to view social problems from a sociological framework and to discuss possible solutions for change. In this course, we will analyze some of the pressing issues in the United States and other parts of the world. We will examine the causes of tensions within society, the consequences of such tensions, and how they impact on people.

SOC 345-American Youth Cultures (3)
A study of youth attitudes, beliefs, and lifestyles of the various sub-cultures of young people. Demographic and stratification studies will be done. Significant movements like the culture of the 60’s will be noted. (same as YMN 346)

SOC 346-Social Psychology (3)
(For course description see PSY 346)

SOC 347-Multicultural America (3)
This course deals with the outcome of the long history of cultural diversity in the United States. The various ethnic groups are considered with an emphasis on African-Americans, Asians-Americans, Hispanics, and Native Americans, along with various European-American groups. Personal identity and group identity issues will be considered, along with the “stages” of individual development. The complex processes of exclusion and incorporation that have taken place and are now taking place in America will be analyzed. Ordinarily taken by Juniors and Seniors. Check with the department head for exceptions.

SOC 348-Human Sexuality (3)
(For course description see PSY 348.)

SOC 349-Asian Families in America (3)
This course offers an analysis of the diversity of family forms in Asian families. The course will examine Asian family patterns around the following themes: (1) historical influences on the nature of family organization, (2) the influence of socio-economic factors on the family processes, (3) contemporary trends in family structure, and (4) issues facing Asian families in the United States of America.

SOC 352-Political Sociology (3)
The course explores the nature of political power and its distribution in society. The course will examine the dynamic relationship between society and politics and the effects of politics on society. The course will trace the history of the modern nation-state and ordinary recent global trends; explain the growth and changes in citizenship, nationalism, ideology, political culture, elite-mass parties, power, corporatism, and class-status politics; examine political behavior, political psychology, and generational politics. Alternative approaches to changing and transforming power structures will be examined.

SOC 353-Latinos in the United States (3)
A comprehensive study of the social, political, and economic processes affecting Latino groups in the United States. Discussion will focus on the variable adaptations made by Puerto Ricans, Chicanos, Dominicans, Cubans, Colombians, and other Latinos in their migration and settlement within American society.
SOC 354-The African-American Family (3)
An examination of the African-American family from slavery to the present. Discussion of family structures arising from the social organization of slavery and current characteristics of the African-American family.

SOC 355-Social Stratification (3)
Introduction to stratification analysis, theories of class structure and membership, class behavior and mobility.

SOC 356-Economic Sociology (3)
This course introduces students to major themes in economic sociology. The course will examine the economic theories of Marx, Weber, Simmel, Veblen, Pareto, Polanyi, Parsons, Smelser, and Schumpeter. Other topics will include: institutional prerequisites of markets, the nature and limits of rational choice, the social construction of economic behavior, and the role of trust as the basis for exchange.

SOC 357-Social Science Research Methods (3)
The purpose of this course is to develop a student’s ability to use and engage in both qualitative and quantitative research. This course introduces students to the basic principles, logic, and techniques social scientists employ to collect, process, analyze, and critically assess information about human social systems. Key research topics include ethnography, participant observation, survey, experimental design, and the integration of research and practice. The course will examine concepts such as problem formulation, research design, data collection, data analysis, and report preparation. The course also examines ethical issues in the conduct of social research; including informed consent, anonymity, confidentiality, and culturally sensitive research methods.

SOC 359-Working with La Familia: The Latino Family (3)
This course studies the nature of the Latino family as a social institution. We will study the importance, values, and functions of the Latino family. Particular emphasis will be placed on learning effective strategies for working with Latino families.

SOC 360-At-Risk Youth and Gangs (3)
(For course description see CED 360)

SOC 366-Faith, Politics, and Society (3)
The course will profile and probe the role of religious institutions as a focal point around issues of social and economic justice. The course will analyze the opportunities and dangers involved in the intersection of faith and politics, the relationship between morally based movements and the process of social change. The course will explore the appropriate role of faith and the involvement of faith-based organizations in the public arena. Course content will be examined from socio-political, cultural, and faith perspectives.

SOC 433-Critical Issues in Urban Ministries (3)
(For course description see ICS 433)

SOC 438-Asian Political Economy (3)
The course uses a cross-national approach to analyze alternative interpretations of Asian economic development. The course examines the social, economic, and political institutions in Japan, Korea, Taiwan, Hong Kong, Singapore,
Thailand, Malaysia, Indonesia, the Philippines, China, and India. The course will also examine issues concerning identity, history, culture and prospects for regional integration. Lastly, we will review the relationships between the various states and the role of Asia in the broader international system.

**SOC 439-Strategies of Community Organization (3)**  
(For course description see BUS 439)

**SOC 456-The Church in the Urban Context (3)**  
(For course description see ICS 456)

**SOC 459-International Relations and Political Economy (3)**  
(For course description see BUS 459)

**SOC 460-Practicum in Community Development (3)**  
This course provides students the opportunity to use the methods and ideas of sociology in designing solutions to practical problems faced by communities. Students will be placed with community organizations and agencies where they carry out projects or conduct research on topics of concern to those organizations and agencies. This program allows students to gain community development experience under the direction of an on-site supervisor and participate in seminars on urban studies, research methods, and value perspectives. Class sessions will be devoted to the collective discussion of students’ field notes, journal entries, project summaries, and field experiences. The instructor, department chairperson, and faculty adviser must approve all proposals. Prerequisites: two sociology courses numbered 200 and above.

**SOC 470- Sociology Integrative Seminar (3)**  
The senior seminar provides students with the opportunity to consolidate the theoretical and substantive knowledge and research skills acquired in many sociology courses. To accomplish this goal, the course revisits the basic principles and practices of sociology, this time in a more holistic and integrative way. It is expected that this seminar will help to sharpen students’ sense of the sociological perspective and the enterprise of doing social research. Students are challenged to synthesize, integrate, and assess what they have learned in sociology and to reflect on the role and contributions of the discipline in understanding current social issues in a global context. Prerequisites: SOC 344.

**SOC 480-Independent Study (1-3)**  
Independent study in an approved topic in Sociology. Permission of the Department Head and Dean is required.

**SOC 490-Sociology Internship (3)**  
Students are placed in an internship setting related to an area of sociological practice or research. Students also meet regularly in class to discuss their internship experiences and integrate theory with sociological practice. Internship experiences will assist students in integrating previously acquired sociological knowledge and research skills. Class discussions and assignments focus on relating the internship experiences to a sociological perspective. Applied settings include organizations in the fields of criminal justice, family service, gerontology, social services, and urban planning. Each student will author a project that communicates learning through the internship. The instructor, department chair, the work site supervisor, and the student’s academic adviser must approve internship contracts. Seniors only.
SOCIAL WORK (SWK)

Note: Social Work majors are required to meet all prerequisite requirements. In order to meet those requirements students should consult with their advisors prior to registering for each semester.

SWK 101-Introduction to Social Work and Social Welfare (3)
An overview of the social work profession. Provides a brief history of social welfare and social work. Examines contemporary social problems and social services for meeting these problems, with emphasis on populations-at-risk. Different agencies and fields of practice are presented with a focus on the role of the generalist social worker and the social service delivery system. Fall term. Open to non-majors. (social science and liberal art elective)

SWK 217-Community Volunteer Services (2)
Volunteer experience in a social agency or community program providing human service, upon approval by the instructor. Sixty(60) hours of agency-based participation is required as well as Faculty advisement on both a group and an individual basis. Elective course. Pass/no credit graded. Open to non-majors.

SWK 246-Interpersonal Communication Skills (3)
Promotes interpersonal sensitivity, observational skills, and interviewing ability. Content includes theories of the communication process and the basic tools of intervention such as attuned listening, appropriate questioning and support, empathic understanding. A variety of simulated and actual person-to-person situations are presented through utilization of audiovisual materials and experiential exercises. Open to non-majors. (social science and liberal art elective)

SWK 254-Understanding Diverse Populations (3)
Provides a conceptual framework for social workers in understanding different racial and ethnic groups. Examines the meaning of ethnicity, race, culture, and prejudice. Also explores family and community life of immigrants and ethnic groups, and the development of culturally sensitive social services. Open to non-majors (social science and liberal art elective)

SWK 314-Human Behavior in the Social Environment I (3)
The first course of two interrelated courses extending over two semesters which stress multiple theoretical perspectives and critical thinking. Provides foundation level theories and knowledge of the biological, psychological, social, and spiritual dimensions of human development across the changing life course. Begins with an introduction to an understanding of HBSE and its relevance to social work. Studies the human life span from conception through childhood in the context of social systems and relevant theories. Fall term. Prerequisites: SWK 101, PSY 101, SOC 201, BIO 216, and SWK 254. (liberal arts elective)

SWK 315-Social Welfare Policies and Economic Justice (3)
Examines the current structure of social welfare programs in the United States, their historical evolution, and the role ideological, political, economic, and social forces have played in the development of the social welfare system and its present character focusing on social and economic injustice in the United States
of America. Also discusses the impact of social welfare policies on clients, agencies, service delivery, and social work practice. Prerequisites: SWK 101 and POL 215. (liberal arts elective)

**SWK 316-Principles of Social Work Practice (3)**
An overview of purpose, principles, values, skills and process in generalist social work practice. Uses an ecological systems framework to examine principles relevant to practice with individuals, families, groups, organizations, and communities. Integrates social work practice, theories, and values with a Christian perspective. Includes the professional use of self and application of the Social Work Code of Ethics in decision-making. Fall term. Prerequisites: SWK 101 and SWK 246.

**SWK 354-Human Behavior in the Social Environment II (3)**
Builds on the foundations acquired in SWK 314, and continues with a multilevel perspective on the human life cycle from adolescence to old age. Spring term. Prerequisite: SWK 314. (liberal arts elective)

**SWK 356-Social Work Practice: Individuals and Families (3)**
Builds on SWK 316. Prepares students for generalist social work practice with individual and family systems. Course content emphasizes development of fundamental social work practice techniques for direct and indirect social work practice. Includes skill development for working with clients from differing social, cultural, racial, religious, and class backgrounds. Simulated exercises used to assist in the development of basic competencies. Spring term. Prerequisite: SWK 316. Corequisite: SWK 357.

**SWK 357-Field Experience and Pre-practice Seminar (3)**
Taken in the spring semester of the junior year, this course combines 60 hours of a direct agency-based experience, with a pre-practice seminar. Designed to introduce the student to the social worker's role and responsibilities and prepare them for senior-level field instruction. The student works under the supervision of a professional social worker. The pre-practice seminar is designed to promote the student's adaptational skills in the field of social work. Focuses on aspects of the student's role in field work, including the supervisory relationship, process recordings, and expectations for field performance. Pass/no credit graded. Spring term. Prerequisite: SWK 316. Corequisite: SWK 356.

**SWK 358-Social Work Research and Statistics I (3)**
Provides a basic understanding of the research process that includes both qualitative and quantitative methods. Helps students to use empirical evidence to guide their professional practice, to evaluate their own practice, and to evaluate social service programs in which they work. Designed to develop the skills needed for conducting small-scale studies and to enable future direct service practitioners to be intelligent consumers of research-based information. Focuses on developing skills needed to conceptualize a problem, making use of available literature, designing a research strategy. Basic statistical concepts will be introduced. Spring term. Open only to majors. Prerequisites: SWK 354 Corequisite: SWK 417.

**SWK 367-Social Work in Global Context (3)**
This course is intended to familiarize students with social work and human services organizations within a global context. Students will be engaged in
SWK 416 - Social Work Practice with Groups (3)
Builds on SWK 316 and SWK 356. Emphasizes the generalist approach in working with groups. Explores a variety of models of group work services available to practitioners and agencies. Focuses on identifying, building and utilizing intervention skills in the group process. Fall term. Prerequisite: SWK 356. Corequisite: SWK 417.

SWK 417 - Field Instruction and Seminar I (5)
First course of two Field Instruction courses taken during the senior year (approximately 400 hours). Provides students with opportunities to acquire skill in social work practice, to try out social work practice roles in the field, and to test in the field setting the theories and principles learned in the classroom. Students are assigned to social agencies and learn by directly participating in the delivery of social work services under the supervision of professional social workers and faculty. Fall Term. Open only to majors. Prerequisite: SWK 357.

SWK 428 – Social Work Research and Statistics II (3)
Builds on the foundations acquired in SWK 358, the class implements a research project of its own design. Focuses on how to collect and analyze data, how to interpret the theoretical and practical meaning of findings for social work practice, and how to report on and present data. Basic computer skills (SPSS) and statistical concepts are covered through “hands on” training in the computer lab. Fall term. Prerequisite: SWK 358.

SWK 456 - Social Work Practice with Organizations and Communities (3)
Examines the history, philosophies, principles, and intervention strategies common to community organization, social planning, and administration of social welfare agencies. Presents case materials to highlight some of the techniques used in these practice areas. Facilitates the development of practice skills that reflect an understanding of organizations and communities within a larger structural context of achieving social justice. Spring term. Open only to majors. Prerequisites: SWK 315, SWK 416, and SWK 418. Corequisites: SWK 457.

SWK 457 - Field Instruction and Seminar (5)
A continuation of SWK 417. Spring Term. Open only to majors. Prerequisite: SWK 417. Corequisite: SWK 499.

SWK 462 - Social Work in Christian Context (3)
Examines the integration of Christianity and Social Work. Addresses areas of strength and possible conflict or interest for Christian Social workers. Investigates social work practice in faith-based environments. Spring term. Open to non-majors. Prerequisites: SWK 316.
SWK 499-Integrative Seminar (3)
The capstone course designed to provide opportunities for students to integrate knowledge, values and skills gained from academic and field experiences and to help them to move into the role of professional social worker in generalist practice and/or the graduate studies. This process is facilitated particularly through the development of an initial professional portfolio. Spring term. Open only to majors. Prerequisites: SWK 417, SWK 418. Corequisite: SWK 457.
THEOLOGY (THE)

THE 312-The Bible and Science (3)
(For course description see BIB 312)

THE 313-Male and Female in Biblical Perspective (3)
An interdisciplinary examination of the nature of masculinity and femininity from a Christian perspective. Biblical studies will focus on the question of gender roles in marriage and in the church, especially the complementarian-egalitarian theological debate. Discussion will focus on related issues, such as the spiritual needs particular to each gender, sexual dysfunction and wholeness, and gender-related rites of passage.

THE 314- Theology of Social Justice (3)
An interdisciplinary examination of Christian responses to historic and contemporary social injustices. Biblical studies will focus on the holistic nature of salvation and the call upon God’s people to speak and work on behalf of the powerless and the oppressed. Discussion will focus on the nature of social systems and social change.

THE 315- Brian McLaren and the Postmodern Gospel (3)
A survey of the thought of Brian McLaren, the lead thinker of the “Emerging Church Movement.” Discussion will focus on McLaren’s boldest and most controversial ideas regarding the need to recast the language and emphases of historic Christianity, with a view towards communicating more effectively to the emerging postmodern generation.

THE 316-Understanding Contemporary Atheism (3)
An analysis and response to the writings of three influential contemporary atheist authors: Richard Dawkins, Sam Harris and Christopher Hitchens.

THE 317-Evangelicals and American Politics (3)
An interdisciplinary examination of the complex relationship between the church and the American political process. Discussion will focus on the tension between biblical calls to social justice and to separatism, the success and failures of past Christian statesmen, and the history of the religious right and the left.

Note: THE 320 through THE 328, along with THE 428, fulfill the Historical Theology elective requirement for the Biblical and Theological studies major and liberal arts elective

THE 320- Introduction to History Theology (3)
A survey of the entire history of the Christian theology, with an emphasis on understanding how past theological formulations help in addressing similar theological questions today. Primary and secondary source readings will be drawn from the early church fathers, the ecumenical creeds, the scholastic and monastic traditions, the Reformation, and more modern movements in revivalism, liberalism and ecumenism.

THE 321-Reformation Thought (3)
Study of the chief doctrinal reformulations of the major wings of the Reformation: German, Swiss, English, Radical, and Counter. Primary attention given to Luther and Calvin. (Same as REL 321)
THE 322-Worship, Ancient and Future (3)
An introduction to liturgical studies, covering worship practices from earliest Christianity to today and their accompanying social history. Attention will be given to liturgical time, the sacraments and sacred space. Students will experience the practices of various branches of the Christian faith, with a view toward integrating ancient practices and theologies into the future of Christian worship.

THE 323-Early Christian Thought (3)
Study of the writings and theology of the fathers of the early Church from the time of the Apostles to the period of the great ecumenical councils, and an analysis of those ideas and events in the development of the earliest teachings of the Church. (Same as REL 323)

THE 324-Classic Christian Spirituality (3)
An introduction to the history of Christian spiritual formation practices and disciplines, with an emphasis on eastern and western monastic traditions. Students will study the major spiritual players and practice their disciplines, with a view toward contemporary learning and application.

THE 325-The Pentacostal Movement (3)
(For course description see HIS 325)

THE 326-Saints and Remembrance (3)
An introduction to Christian hagiography, the study of the lives of honored Christians throughout church history, with a view towards remembering and imitating their faith. Students will study the feast days of the church liturgical calendar and learn to draw application for personal living.

THE 327-The History and Theology of Revival (3)
An interdisciplinary course examining the history of revivals in North America, from the “First Great Awakening” to the “Toronto Blessing.” Students will study not only the historical events, but also the thought of great revival theologians, such as Jonathan Edwards and Charles Finney.

THE 328-Medieval Christian Thought (3)
A study of the main themes of theological development from the close of the Patristic age to the eve of the Reformation (AD 500-1500) as reflected in Canon Law, monasticism, the Ecumenical Councils and the primary writings of the notable period figures including John Scotus, Anselm, Bernard of Clairvaux, Hugh of St. Victor, Peter Abelard, Peter Lombard, Thomas Aquinas, Duns Scotus, Meister Eckhart, Nicolas of Cusa, William of Ockam, Gabriel Biel, John Wycliffe and John Huss.

THE 330-Christian Ethics (3)
An in-depth examination of ethics in the Holy Scriptures and Christian history. Special emphasis is placed on the life and teaching of Jesus Christ and the letters of Paul as the foundations of a Christian ethic and moral theology. Prerequisite BIB 201 or permission of instructor.
Note: THE 342 through THE 350, along with THE 441 through THE 450, fulfill the Systematic Theology requirement for the Biblical and Theological Studies major.

THE 342-Eschatology (3)
Biblical teaching on the present and future aspects of the kingdom, the return of Christ, resurrection, judgment, millennium, new heavens and new earth; analysis of evangelical systems of eschatology. Pre- or co-requisite: BIB 301 or BIB 302.

THE 347-Nature of the Bible (3)
Examines the doctrines of biblical revelation, inspiration, authority, and inerrancy; treats the canon of the Old and New Testaments, transmission of the texts, and Bible translations. Pre- or co-requisite: BIB 301 or BIB 302.

THE 349-Theology of Missions (3)
(For course description see ICS 349)

THE 350-Third World Theologies (3)
The study of the theological approach of minorities, non-Western peoples, and the oppressed.

THE 367-Christian Existentialism: The Philosophy of Soren Kierkegaard (3)
(For course description see PHI 367, liberal arts elective)

THE 428-Modern Christian Thought (3)
Study of the chief advocates and formulations of theological thought since the Enlightenment that have deviated from the historic Christian faith and contributed to the making of the modern mindset. A knowledge of orthodoxy is assumed. (Same as REL 428) (liberal arts elective)

THE 430-Contemporary Apologetics (3)
A study of various approaches to Christian Apologetics, with special attention to the emergence of Postmodernism and its use in Christian thought. Pre or Corequisite: BIB 301 or BIB 302.

THE 441-Man, Sin and Salvation (3)
The Bible’s teaching on man, sin, and salvation with special emphasis on the relation of sin and grace, freedom and depravity, examination and analysis of selected theological thinkers and systems of salvation. Pre- or co-requisite: BIB 301 or BIB 302.

THE 445-Christology (3)
The analysis and critique of the modern “historical Jesus” research. Examination and systematizing of the biblical claims respecting the identity of Jesus and the study of current formulations of Christological doctrine. Pre-or Corequisite: BIB 302.

THE 446-The Church (3)
A biblical and historical study of the origin, purpose, function, and marks of the Church; its universal and local manifestations; how its struggles with the larger issues of the orthodoxy, unity, purity, and worldliness have affected its character and witness. Pre- or co-requisite: BIB 301 of BIB 302.
THE 450-Holy Spirit and His Gifts (3)
(For course description see BIB 450)

THE 470-Theology Seminar (3)
Analysis of selected problems and themes in biblical interpretation and theology by means of student research, presentation, and discussion.

THE 480-Independent Study (1-3)
Independent study in an approved topic in Theology. Permission of the Department Head and the Dean is required.

YOUTH MINISTRY (YMN)

YMN 233-Introduction to Youth Ministry (3)
Meeting the needs of adolescents through local church methods and materials, with attention to discipleship, leadership development, and program design.

YMN 291-Youth Missions Practicum (2)
Experience in planning, executing, analyzing and evaluating a youth missions trip. Permission of instructor required.

YMN 321-Extreme Skills (3)
Gain experience in mountain biking, kayaking, canoeing, sailing, water skiing, rock climbing, and archery. Demonstrate mastery and ability to teach three of these seven skills in a way that exemplifies spiritual truths.

YMN 322-Teaching High Altitude Challenge (3)
Experience the challenging thrill of group cohesion through the high ropes course and low ropes course. Students will then teach group initiatives and team building skills through the use of high and low ropes course, providing object lessons of biblical truths to campers in a one to five ratio.

YMN 323-Emergency Rescue (3)
Become Red Cross certified in RTE and CPR for the professional rescuer. Such training enables students to give first aid assistance or CPR for situations that require it. In addition, undergo child abuse training according to NY State regulations, in order to prevent and intervene in abusive situations.

YMN 324-Camp Programming (3)
Hands-on experience that begins with learning two major kinds of theories and philosophies for today’s Christian camping. Students will become familiar with the concept of decentralized and centralized programming, and will develop a decentralized overnight program, implementing it into two 10-day sessions.

YMN 332-Counseling Adolescents (3)
This course takes into consideration the unique developmental, familial, and cultural issues in the life of the adolescent today with a view toward helping students learn to counsel adolescents in pastoral situations. Students will cultivate practical skills, learn how to apply counseling principles in working with adolescents.

YMN 334-Para-church Youth Ministry (3)
The historical and theological background of Para-church ministries; an analysis of the methodological assumptions and procedures of the Para-church model in
comparison to that of the church-based ministry. The policies, practices, and methodologies of key Para-church ministries will be examined in detail.

**YMN 335-Ministry, Music, and Movies (3)**
This course is an examination of music and movies and how they influence the lives of adolescents today. Analyses will include Christological, cultural (global and youth), heroic, etc. representations and considerations. The development of using these mediums as ministry tools is also explored.

**YMN 336-Youth Outreach (3)**
Study and practice methods of programming activities and processes to meet youth needs. Emphasis on reaching and ministering to non-church youth and training church youth for evangelism and discipleship.

**YMN 339-Introduction to Adolescent Social Welfare (3)**
An analytical and critical survey of the formal and informal means whereby society organizes to service the needs of youth. Both governmental and private sector non-profit agencies are considered. Materials for thought and discussion will be provided through readings, video, site visitations, and guest presenters.

**YMN 342-Small Groups in Youth Ministry (3)**
An analysis of the role and dynamic of the small group in youth ministry; its use and effectiveness in outreach, spiritual growth, ministry, and leadership. Students will develop and practice small group leadership skills. Prerequisite: CED 333.

**YMN 343-International Youth Ministry (3)**
Youth Ministry is being done around the world. This course surveys how youth ministry is developing on each continent. The class will visit (required) an international site to both observe and participate in youth ministry in places such as the UK and Taiwan. Special course fee to cover cost of trip. Instructor permission required.

**YMN 345-Youth and Worship (3)**
In youth ministries around the world renewal is coming to youth in worship. This course concentrates on the philosophy, principles, and practice of worship in the context of youth ministry.

**YMN 346-American Youth Cultures (3)**
(same as SOC 345, social science and liberal arts elective)

**YMN 355-Retreat and Camping Ministries (3)**
Philosophy, organization, and administration of youth ministry retreats and camps. Mission and work trips are also covered.

**YMN 358-Community Development in Context (3)**
(For course description see ICS 358)

**YMN 360-At-Risk Youth and Gangs (3)**
This course examines theoretical constructs, empirical research, and field operationialization of programs related to those adolescents whom government and social service agencies deem “at risk” for delinquent or criminal behavior. (Same as SOC 360)
CED/YMN 391-Student Teaching I (3)
Teaching methodology and supervised field experience related to ministry courses; students teach one hour each week throughout the year. To be taken in the junior year. Prerequisite: CED202

CED/YMN 392-Student Teaching II (1)
Advanced teaching methodology, supervised field experience, and construction of teacher training events related to ministry courses; students teach one hour each week throughout the year. To be taken in junior year. Prerequisite: CED/YMN 391

YMN 434-Advanced Youth Ministry (3)
This course seeks to deepen understanding of vital issues related to youth ministry and give specialized training in major areas, such as youth development, youth group growth, and development of volunteer staff. Prerequisite: CED 333; juniors or seniors only.

YMN 442-Discipling and Mentoring Youth (3)
This course provides opportunity to gain understanding of discipling and mentoring youth beyond the level covered in CED 333. Different models will be explored and students will develop their own strategy applicable to a current or projected ministry. Prerequisite: CED 333.

CED/YMN 480-Independent Study (1-3)
Independent study in an approved topic in Christian education. Permission of the Department Head and Dean is required.

CED/YMN 490-Internship (1-3)
Available each summer for students involved in any full-time ministry for two or more weeks. Permission of the Department Head and Dean is required.

CED/YMN 491-492-Seminar and Practicum in Christian Education (3-2)
Class sessions involve the integration of the student’s knowledge in Christian education into a coherent whole. During the course, the student will be associated with a local church working with a pastor, youth pastor, director of Christian education, or a Sunday school superintendent. Open to Senior CED and YM majors only or by permission of Department Head.