

COURSE DESCRIPTIONS

Rochester College uses a four-digit course numbering system. In each course number, the first digit represents the course level; freshman level courses begin with "1," sophomore courses begin with "2," junior courses "3" and senior courses "4." Courses that begin with "1" or "2" are lower-division and courses that begin with "3" or "4" are upper-division. The second digit of each course number is the subdivision within the academic department. The third digit represents the sequence within each departmental subdivision. The fourth digit represents the number of semester hours the course is worth.

Abbreviations used:

CR – Co-requisite. Courses may be taken concurrently.

PD – Permission of department chair.

PI – Permission of instructor.

PR – Pre-requisite. Pre-requisite course must be successfully completed first.

ACC - Accounting

ACC 2113 Accounting I

This introductory accounting course presents the foundation of accounting theory, practice, and simple analysis in sole proprietorships. PR: Math ACT of 25 or above, or MAT 1103 or MAT 1203.

ACC 2123 Accounting II

Building upon the foundation laid in Accounting I, this course addresses accounting in partnerships and corporations, including managerial accounting, and standard cost systems for manufacturing concerns, thus giving students a fundamental foundation of accounting principles for tracking, control, and decision making. PR: Minimum grade of C- or higher in ACC 2113.

ACC 3113 Intermediate Accounting I

This course further investigates the procedures for accounting for cash, receivables, inventory, plant assets, intangibles, depreciation, amortization, time value of money, and other concepts. This knowledge gives students the ability to produce data to assist a company in getting the most out of its assets. PR: Grade of C- or higher in ACC 2123.

ACC 3123 Intermediate Accounting II

The last in a sequence of fundamental accounting courses, this course covers accounting for current and long-term liabilities, stockholders' equity, earnings per share, and revenue recognition. PR: Grade of C- or higher in ACC 3113.

ACC 3143 Cost Accounting

Students study of principles and techniques of cost accounting for product costing, planning, and control. Topics include but are not limited to job-order, process, and hybrid costing systems, allocation methods, cost-volume profit analysis, standard costing, and flexible budgeting. PR: ACC 2123.

ACC 3213 Auditing

This course takes a look at the intriguing practice of company auditing by addressing the role of the public accountant, professional standards, attestation and other assurance services, audit evidence and documentation, and reports on audited financial statements. Particular emphasis is on the auditor's decision-making process by integrating coverage of the components of audit risk with tests of controls and substantive tests that relate to selected transaction cycles. PR: ACC 3123.

ACC 3223 Managerial Accounting

This is an advanced course that goes beyond the fundamentals of accounting. The development, interpretation, and use of relevant cost behavior, control, and traceability concepts for management planning, controlling and decision making are emphasized. Topics include an introduction to product costing, the contribution concept, direct costing, performance standards and variance analysis, responsibility accounting, segment profitability, alternative choice decisions, and capital budgeting. PR: ACC 2123.

ACC 3313 Taxation

The course studies federal income tax law and procedures as they pertain to individuals, partnerships, and corporations. Topics include but are not limited to gross income, property basis, exclusions, and deductions and credits. Emphasis is placed on practical problem solving using tax forms, tax research and tax planning cases. PR: ACC 3123.

ACC 4223 Accounting Seminar

A case analysis class that covers all the aspects of accounting functions relating to management decision making. The creation and distribution of management and accounting information and the management of the resource are stressed. Operational, tactical and strategic information systems will be analyzed. This class serves as the capstone course in the major for assessment purposes. PR: ACC 4313.

ACC 4313 Accounting Theory

An in-depth discussion of the theory and development of generally accepted accounting principles. This course addresses the conceptual framework of accounting and the environment in which accounting interacts. PR: ACC 3123.

ACC 4413 Advanced Accounting

This course explores accounting techniques that go beyond the typical transactions. Topics covered include: consolidated financial statements, foreign operations, segment and interim reporting, and partnership accounting. PR: ACC 3123.

ART - Art

ART 1413 Drawing I

Create convincing images on paper with rendering techniques by maximizing the use of composition, volume, and perspective. Improve visual observation skills of nature and light to reach objective. Understand the effect of line quality, shape, value, texture, space, and color. Course fee.

ART 1423 Drawing II

Emphasize individual creative expression by developing a greater understanding of advance conceptual and technical issues. Explore a wide range of various drawing

media, including mixed media and collage. Still life, the figure, landscape, interiors, and abstract subject matter will be integrated in this course. PR: ART 1413 or PI. Course fee.

ART 2003 Art Appreciation

The world's great visual art as surveyed from ancient to modern times. Uncovers great artists' motives by seeking to understand the historical context in which each artist lived and worked. Includes brief introduction to art principles that define great works.

ART 2443 Two-Dimensional Design

Creative visual thinking is an integral part of this course. Investigate different theories of compositional design elements on a flat surface. A variety of techniques, including drawing, collage, mixed media, painting and digital photography will be explored. Practical principles of graphic design and basic color theory will be introduced. Course fee.

BIB - Bible

BIB 2113 Genesis

The Genesis narrative from creation up to the death of the patriarchs. Abrahamic covenant and the early nation of Israel.

BIB 2213 Life of Christ

Introduction to the life and teachings of Jesus Christ as represented in the gospel literature of the New Testament.

BIB 2223 Christian Beginnings: Acts

Introduction to the life and mission of the earliest Christians as represented in the Acts of the Apostles.

BIB 3123 Old Testament Prophets

Historical, literary, cultural, and theological analysis of the entire Old Testament prophetic books, Isaiah through Malachi. PR: REL 2983. CEL only.

BIB 3133 Major Prophets

Historical, literary, cultural, and theological analysis of Isaiah, Jeremiah, and Ezekiel. PR: REL 2983.

BIB 3143 Minor Prophets

Historical, literary, cultural, and theological analysis of the twelve prophetic books, Hosea through Malachi. PR: REL 2983.

BIB 3153 Old Testament Poetic Literature

Literary, cultural, and theological analysis of Psalms, Song of Songs, and Lamentations. PR: REL 2983.

BIB 3163 Old Testament Wisdom Literature

Literary, cultural, and theological analysis of Proverbs, Ecclesiastes, and Job. PR: REL 2983.

BIB 3223 Romans

A study of Paul's letter to the Romans with attention to its historical context and literary function. This study approaches Romans as the fullest, most systematic expression of Pauline thinking about such religious concepts as grace, faith,

justification, sin, death, law, and the Spirit. In addition, attention will be paid to the history of interpretation of Romans. PR: Junior status.

BIB 3233 Pauline Letters I

A study of Paul's earlier letters, including 1 and 2 Thessalonians and Galatians, with attention given to their historical context and literary function as well as what they contribute to our understanding of Paul's life and teachings. PR: Junior status.

BIB 3243 Pauline Letters II

A study of Paul's later letters, alternating between the Prison Epistles (Philippians, Philemon, Colossians, and Ephesians) and the Pastoral Epistles (1 and 2 Timothy, Titus). The study will attend to the historical context and literary function of these letters as well as what they contribute to our understanding of Paul's life and teachings. PR: Junior status.

BIB 3263 Hebrews

A study of the book of Hebrews that focuses on its literary purpose, historical context, and theology. PR: Junior status.

BIB 3273 General Epistles

A study of 1 and 2 Peter, James, and Jude that emphasizes the literary purpose, historical context, and theology of each book. PR: Junior status.

BIB 3283 Revelation

A study of the theological message of Revelation, both within its original historical and cultural context and with respect to its modern relevance. Selected topics include apocalyptic, eschatology, the nature of symbolism, the nature of biblical prophecy, and the issue of human suffering. PR: Junior status.

BIB 3293 Mark

A study of the Markan narrative of Christ's ministry, with special emphasis on its background, its unique themes, and its relationship to Matthew and Luke. PR: Junior status.

BIB 4013 Biblical Archaeology

Theory, Method, and Context. An archaeological overview of the cultural and political history of the Land of Israel from the Bronze Age through the Iron Age (Canaanite and Israelite periods 3200-586 BCE) with special focus on Biblical Tamar (aka Ein Hatzeva). The primary goal of the course is the integration of biblical studies with the archaeology of Tamar by involving students in lectures, discussion, research, and virtual archaeology via computer and, for those who elect to do the fieldwork, actual excavation of the material culture at Tamar and examination of artifacts from Tamar stored at the Israel Museum in Jerusalem. PR: PI

BIB 4123 Archaeology of Biblical Tamar in Israel (Fieldwork)

This is the fieldwork attached to BIB 4013; students are involved in actual excavation of Biblical Tamar. PR: PI

BIB 4153 Pentateuch

Historical, literary, cultural, and theological analysis of Genesis through Deuteronomy. PR: REL 2983, Senior status.

BIB 4193 History and Theology of the Old Testament

This course is an exploration of history and theology in dynamic relationship within the Old Testament. Various theological perspectives within the Old Testament will be examined in light of the historical background and crises which offer a concrete context for their development. The means of examination will be a contextual-ideological approach to reading the Old Testament that pays special attention to the socioeconomic, political, religious, and community aspects of diverse theological views that form and reform across the long history represented in the Old Testament. PR: REL 2983, Senior status.

BIB 4213 Luke/Acts

The birth and expansion of the early church in a historical, textual, and theological study of the book of Acts. Highlights the relevance of Acts to the contemporary church. PR: REL 2983, Senior status.

BIB 4233 Synoptic Gospels

Contextual study of the life and teachings of Jesus Christ, stressing the history, text, theology, and interrelationship of Matthew, Mark, and Luke. PR: REL 2983, Senior status.

BIB 4253 1 and 2 Corinthians

Historical, textual, and practical study of Paul's letters to the church in Corinth. Explores problems in the early church and application of Christian principles to problem solving in the contemporary church. PR: REL 2983, Senior status.

BIB 4263 Gospel and Letters of John

Studies the gospel of John and 1, 2, and 3 John. Highlights the nature of Christ and early church problems. PR: REL 2983, Senior status.

BIB 4293 History and Theology of the New Testament

This course is an exploration of history and theology in dynamic relationship within the New Testament. Various theological perspectives within the New Testament will be examined in light of the historical background and historical crises which offer a concrete context for their development. PR: REL 2983, Senior status.

BIB 4393 Contemporary Issues in Hermeneutics

Studies the process of applying advanced exegetical research (in both the Old and New Testaments) to concrete life situations. Will provide critical assessment of traditional and current hermeneutical trends. PR: REL 2983, Senior status.

BIO - Biology**BIO 1014 Biological Science I with Lab**

Cellular structure and function, cell division and reproduction, genetics, metabolism, and development. Primarily for beginning majors. Course fee.

BIO 1024 Biological Science II with Lab

Plant and animal anatomy and physiology, ecology, and evolution. . Course fee.

BIO 1114 Introduction to Biological Science with Lab

An overview of current topics in cellular and organismal biology including laboratory techniques and research methods. For non-science majors. Course fee.

BIO 1124 Zoology

Major phyla of the animal kingdom, including the basic principles of comparative anatomy, physiology, morphology, behavior, and ecology. Course fee.

BIO 2011 Intro to Human Anatomy & Physiology Lab

A lab to accompany BIO 2013. CR: BIO 2013. Course fee.

BIO 2013 Introduction to Human Anatomy and Physiology

A non-laboratory study of the functioning of the human body with an emphasis on the interaction of organs and systems. Discussion of disease prevention and health are also included. Credit cannot be given for BIO 2013 and BIO 2114 or 2124.

BIO 2114 Human Anatomy and Physiology I

Structure and function of the muscular, skeletal, nervous, and endocrine systems, and how they work together to support the human body. Supplementary topics include cell biology and histology. Course fee.

BIO 2124 Human Anatomy and Physiology II

Structure and function of the circulatory, lymph, respiratory, digestive, urinary, and reproductive systems. Supplementary topics include electrolyte, acid/base, and fluid balance. Course fee. PR: BIO 2114.

BIO 2224 Introductory Botany and Zoology

Introductory anatomy, physiology, taxonomy and ecology for the major phyla of the plant and animal kingdoms. Course fee.

BIO 2313 Nutrition

Principles of nutrition, metabolism, food values, and dietary requirements for healthy body maintenance and growth.

BIO 3114 Botany

Advanced topics in plant biology including cell structure, anatomy, physiology, metabolism, and ecology. Course fee. PR: BIO 1024 or BIO 2224.

BIO 3213 General Ecology

Basic ecological concepts with lab covering experimental designs and research methods used to study and interpret data. Biomes, community interactions, population dynamics, energy, and material flow.

BIO 3324 Microbiology

Fundamental concepts of microbiology with emphasis on the morphology and physiology of microorganisms. Includes applications of microbiology in medicine, food preparation, and industry. PR: Grade of C or higher in BIO 1014 or BIO 1124, or PI. Course fee.

BIO 3414 Genetics

Structure and function of DNA, genes, gene expression, inheritance patterns, prokaryote and eukaryote chromosome structure, and modern gene technology. Laboratory includes classic and molecular exercises in genetics. Course fee. PR: BIO 1014.

BUS - Business

BUS 2403 Macroeconomics

The course introduces students to the basic principles of economics in general and of macroeconomics (the "big" picture) in particular. Central topics of study include supply and demand, the role of government monetary and fiscal policies, national income, business cycles, and changes in aggregate price levels.

BUS 2413 Microeconomics

The course introduces students to the basic principles of economics in general and of microeconomics in particular. Central topics include: markets, competition, market power, labor markets, and government programs.

BUS 3003 Business Communication

A survey of interpersonal oral and written communication: presentational speaking, interviewing skills, listening, nonverbal communication, conflict resolution, group dynamics, letter and memo writing, developments in business communication technology. PR: ENG 1113.

BUS 3033 International Business

This course exposes students to the global marketplace, helping them to understand multinational businesses in diverse cultures; international politics and law; the global economy; business operations in an international environment. PR: BUS 2403.

BUS 3303 Business Law

An introduction to the legal aspects of business, this course specifically deals with the issues of contracts, commercial sales (Uniform Commercial Code), and torts. Students learn legal principles by using the case law method.

BUS 4813 Business Internship

Applies theory to "real world" field experiences related to the student's major through: a minimum of 150 hours work experience with an approved employer; completion of a work journal; internship reports; reading related professional materials; and completing all the components of the School of Business Portfolio. This course is graded on a pass/fail basis. PR: PI.

BUS 4823 Business Strategy and Policy

This course explores the process of developing, implementing, and maintaining an effective business strategy. Students integrate techniques and concepts from previous course work in a variety of "real world" and simulated situations. This course serves as the capstone course of the BBA program for assessment purposes. PR: Senior. Completion of business core, except internship. Course fee.

BUS 4943 Ethics in Business

Students focus on ethical issues related to the business environment including: ethical models and frameworks; individual rights and values; individual responsibilities; organizational rights and responsibilities; ethical policy development; the influence of organizational culture on ethical behavior; and the role of Christian principles and values on organizational life. Trad PR: PHI 2933 and Senior status.

CHE - Chemistry

CHE 1314 Intro to Chemistry I

Atomic structure, bonding and quantitative principles in chemistry. Acids, bases, solutions and chemical reactions. Includes a laboratory component. PR/CR: MAT 1103 or 1203, or ACT 21+.

CHE 1324 Intro to Chemistry II

Classes, properties and reactions of organic compounds. Structure, function and metabolism of carbohydrates, proteins, lipids and nucleic acids. Includes a laboratory component. PR: CHE 1314.

CHE 1514 College Chemistry I

Theory and quantitative principles of chemistry: Stoichiometry, atomic and molecular structure, gas law, thermochemistry, and solutions. Three hours lecture and three hours lab, weekly. PR/CR: MAT 1334 or MAT ACT of 24 or above. Course fee.

CHE 1524 College Chemistry II

Continuation of CHE 1514. Includes equilibria, precipitation reactions in aqueous solutions, kinetics, acids and bases, oxidation-reduction reactions, coordination compounds, nuclear chemistry, and a brief introduction to organic chemistry. Three hours lecture and three hours lab weekly. PR: Grade of C or better in CHE 1514 and MAT 1334 or above. Course fee.

CHE 2514 Organic Chemistry I

Structure, reactions, mechanism, and synthesis in the field of organic chemistry. Three hours lecture and three hours lab weekly. PR: CHE 1524. Course fee.

CHE 2524 Organic Chemistry II

Continuation of CHE 2514. Reactions of aliphatic and aromatic compounds. Reaction mechanisms, multistep syntheses, heterocyclic compounds, amino acids, proteins, carbohydrates, and nucleic acids. Three hours lecture and three hours lab weekly. PR: CHE 2514. Course fee.

CHE 3514 Biochemistry I

Structure and function of proteins, carbohydrates, and lipids. Enzyme mechanisms, kinetics, and regulation. Bioenergetics and catabolism. Three hours lecture and three hours lab weekly. PR: CHE 2514. Course fee.

CIS - Computer Information Systems

CIS 1103 Software Applications of Computers

Hands-on microcomputer training for current available software applications for data management, word processing, spreadsheets, and other Microsoft Office applications. Stresses familiarity with PC operating environment.

CIS 2443 Advanced Business Applications

This course is designed to take students beyond the basics of using industry standard business applications including, but not limited to: Word, Excel, Access, Outlook, and PowerPoint. Students gain hands-on experience with the use of software packages for communication, data management, business analysis, and decision making. Students must have a fundamental working knowledge of the listed software programs prior to registering for this course.

COM - Communication

COM 1013 Communication Basics

Theory and practice in a variety of communication contexts, including verbal, nonverbal, perception, and listening. Includes practice in organizing and delivering speeches.

COM 2223 Public Speaking

Public speaking theory and practice. Students prepare and deliver several types of speeches. PR: C- or better in COM 1013.

COM 3013 Communication Theory

Survey of communication theories and models upon which communication studies are built. PR: C- or better in COM 1013 and ENG 1123.

COM 3513 Small Group Communication

Theories and techniques for small groups in various settings. PR: C- or better in COM 1013.

COM 3523 Interpersonal Communication

Elements of communication between two or more persons in family, social, work, church, and computer-mediated settings. PR: C- or better in COM 1013.

COM 3533 Intercultural Communication

Major theories and concepts involved in intercultural communication. Emphasis on increasing awareness of and sensitivity to persons of other cultures and/or co-cultures and improving personal effectiveness in intercultural communication. PR: C- or better in COM 1013.

COM 4613 Special Topics

Various Communication topics chosen by students or instructor.

COM 4813 Senior Project in Communication

Preparation of a major paper in an area of the student's interest. PR: Senior status and PI.

ECS - Early Childhood Studies

**All ECS classes for CEL only. Student must be currently employed in ECS field.*

ECS 3243 Math & Science for Young Children

Developmentally appropriate activities in the early childhood environment that encourage observation, exploration, inquiry, and the development of math and science concepts. Use of software that encourages math and science skills will be explored.

ECS 3303 Legal Issues in Early Childhood

General business law as it impacts early childhood settings. Includes such relevant topics as contracts, torts, employment law, business forms and their respective liability, reporting abuse and neglect, custody issues, licensing, and compliance.

ECS 3323 Assessment of the Young Child

Examination of both formal and informal measures used to observe and assess the physical, emotional, social, and intellectual development and growth of a young child. Emphasizes developmentally-appropriate instruments and alternative assessment

procedures. The importance of assessment in evaluation, parent communication, and classroom planning is emphasized.

ECS 3423 Diversity Issues in Early Childhood

Strategies for working effectively with children and families from diverse socioeconomic, ethnic, and cultural backgrounds. Issues of communication, family values, and child-rearing practices will be emphasized. Students will be encouraged to examine their own biases as they relate to professional practices.

ECS 3433 Creative Arts for Young Children

Examination, rationale, and experiences in the creative use of art, music, movement, drama, literature, and storytelling.

ECS 4303 Family Education and Advocacy

Examination of the interaction between families and government and community agencies and resources. The effects of cultural and societal differences and the role of the child care professional in educating, empowering, and advocating for families with young children.

ECS 4313 Classroom Interactions

Introduction of components of high-quality classroom interactions that promote higher-order thinking skills, emotional support, and appropriate feedback. Required fieldwork allows student to develop strategies for recognition and implementation.

ECS 4443 Emerging Language and Literacy

Emphasis on the development of listening, speaking, pre-writing, and pre-reading skills in a developmentally appropriate context. Identifies and examines those practices and experiences most useful for promoting competency and interest in reading and writing. Examines the use of technology in the classroom to promote literacy development.

ECS 4613 Special Needs Children and Families

Issues faced by special needs children and the interventions that are available to them and their families. Special emphasis on parent-school communication and implications for planning in the classroom environment.

ECS 4623 Identifying and Serving the At-Risk Child

Family and societal characteristics that place a child at risk for academic or social failure. Parenting practices, economic issues, health care, and community resources available for young children and their families.

ECS 4653 Leadership Issues in Early Childhood

Analyzes and implements leadership and decision-making strategies in a professional setting. The course will focus on the characteristics of leadership, and the implications of both effective and ineffective leadership for organizations that serve young children. Students will develop a grant proposal for their early childhood program. This course serves as a capstone course for the early childhood program for assessment purposes.

ECS 4943 Ethics for Early Childhood

Ethical standards of early childhood practitioners reviewed in the context of the State of Michigan Law and the National Association for the Education of Young

Children (NAEYC) code. Contrasts philosophies of Biblical imperative and humanistic practice.

EDU - Education

EDU 2201 Introduction to Education Field Experience

Required 30-hour placement for students enrolled in EDU 2202. Graded on a pass/fail basis. PR/CR: EDU 2202. Course fee.

EDU 2202 Introduction to Education

Exploration of the nature of the teaching profession. Includes examination of school structure and operation, foundations of education, and current issues and trends in the field. Emphasizes research, whole class and small-group discussion, observation, role-playing, and application of educational theory. Thirty-hour field experience required. PR: sophomore status with a 2.70 GPA. CR: EDU 2201.

EDU 2241 Educational Psychology Field Experience

Required 30-hour placement for students enrolled in EDU 2243. Graded on a pass/fail basis. PR/CR: EDU 2243. Course fee.

EDU 2243 Educational Psychology

Educational principles, research and theory fundamental to effective, high quality teaching and learning. Topics include information on human development, learning theory, the impact of culture and exceptionality, and various approaches to instruction. Research-based principles and time-tested strategies are applied to the classroom in practical ways. Development of framework on which to build future experiences in the field of education and content areas. Thirty-hour field experience required. PR: EDU 2202, sophomore status with a 2.70 GPA. CR: EDU 2241.

EDU 2262 Classroom Technology

Utilization of technology in teaching and learning. Emphasis on technology that develops student-centered learning, multisensory stimulation, multimedia lesson formats, collaborative work environments, information exchange, inquiry-based learning, critical thinking, and proactive planning within authentic, real world contexts. The ability of global discourse communities to facilitate cross-cultural understanding. Development and application of ethical standards/criteria for the use of the internet in the classroom. PR: EDU 2202, sophomore status with a 2.70 GPA.

EDU 2283 Ethics and Philosophy of Education

Examination of the ethics of teaching individuals from widely differing backgrounds. Overview of various educational philosophies and their relationship to the philosophies of ethics and morality. Presents case studies depicting moral and ethical dilemmas in educational settings. PR: EDU 2202, sophomore status with a 2.70 GPA.

EDU 2303 Fine Arts for the Elementary Teacher

Develops understanding, activities, methods and materials for integrating art and music into the elementary classroom. PR: EDU 2202, sophomore status with a 2.70 GPA. Course fee.

EDU 3221 Classroom Teaching Strategies Field Experience

Required 30-hour placement for students enrolled in EDU 3223. Graded on a pass/fail basis. PR/CR: EDU 3223. Course fee.

EDU 3223 Classroom Teaching Strategies

Introduction of components of effective, high quality classroom teaching documented through theoretical and applied research and practice. These components encompass planning and preparation, creating an inclusive classroom environment, and engaging students in intentional learning. A variety of student-centered instructional approaches are presented. Introduction of the Michigan Curriculum Framework. Supervised thirty-hour field experience required. PR: Pre-admission to the Teacher Education Program. CR: EDU 3221.

EDU 3243 Teaching Exceptional Students

Overviews the field of special education. Study of the physical, psychological, social, and educational factors related to exceptional individuals, including the gifted and/or culturally diverse. Emphasis on the historical, legal, and current inclusionary models of special education that form the basis for the general education teacher's role in serving students with special needs. PR: Pre-admission to the Teacher Education Program.

EDU 3262 Teaching Across Cultures

A study of multicultural education designed to provide a background for developing competence as cross-cultural teachers. Presents a Biblical rationale for cultural pluralism. Discusses effective teaching strategies for educators working with K-12 students diverse in gender, class, ethnicity, religion, or language. Following completion of this course, students must take EDU 3271 Teaching Across Cultures Field Experience. PR: Pre-admission to the Teacher Education Program; EDU 3223.

EDU 3271 Teaching Across Cultures Field Experience

An immersion field experience designed to build cross-cultural understanding and competence. Study of diversity from a community perspective. Interrelationship of cultural influences and school success. Development of dispositions and effective characteristics necessary to teaching in cross-cultural environments. Two-week intensive field placement required. PR: EDU 3262, Pre-admission to the Teacher Education Program. Course fee.

EDU 3313 Social Studies Foundations

Interdisciplinary course comprising selected topics in geography, history, political science, and sociology, and overview of the structure of the respective disciplines. Designed to provide content background and resources for elementary school teachers. PR: Pre-admission to the Teacher Education Program.

EDU 3913 Instructional Techniques for Teaching Math in Grades 2-5

The course will explore best practice in math instruction for 2nd through 5th grade students. Emphasis will be placed on how to help teachers use textbook features along with differentiation techniques. The course includes observation time and interaction with elementary students in summer school classes. PR: Teacher Certification.

EDU 3923 Creating Quality Classroom Assessments

The course will focus on the work of Rick Stiggins. Students learn the key attributes of a well-developed assessment and create assessments specific to their grade/subject that can be used to inform their instruction. Students design

assessments based on the desired learning targets, including selected response assessments, constructed response assessments and performance assessments. PR: Teacher Certification.

EDU 3933 Strategies for Working with the English Language Learner, K-12

Twenty first century learners are a diverse group both demographically and style of learning. This course will focus on research based strategies proven to be effective with at risk students, i.e. Sheltered Instruction Observation Protocol (SIOP) and differentiation instruction models). Upon completion of this course participants will have a variety of strategies/tools to implement in their classroom in the fall. PR: Teacher Certification.

EDU 4253 Classroom Management Strategies

Investigation and assessment of various approaches to establishing an environment that fosters learning. Examination of organization and management of resources, supplies, and classroom configuration to provide an inviting and safe atmosphere. Discussion and analysis of various approaches to discipline in the classroom. Evaluation of a variety of strategies to handle disruptive behavior. Development of a personal classroom management style grounded in sound principles. Emphasis on research, whole-class and small-group discussion, observation, role-playing, and application theory. PR: Pre-admission to the Teacher Education Program.

EDU 4282 Foundations of Education

Interdisciplinary study of education in the American society. Identification and examination of the central characteristics of the American educational system. Emphasis on the interpretation and appraisal of current educational practices and trends. PR: Pre-admission to the Teacher Education Program. To be taken in the final semester of professional studies coursework prior to student teaching.

EDU 4503/4603 Instructional Design and Assessment

This course models a variety of assessment strategies for educators in elementary, middle, and secondary schools in courses designed to meet the standards in the Michigan Curriculum Framework. In conjunction with the appropriate methods course in their content major, students will research, design, and implement lessons that meet the state and national standards and gain practical tools to assess student growth. Includes 60 hour field experience. CR: EDU 4282.

EDU 4721/4821 Student Teaching Seminar (Elementary/Secondary)

Supports the student teaching experience. Reviews policies, requirements and professional responsibilities and revisits the Elementary-Level Standards for Michigan Teachers and Pathwise Domains, the standards used to evaluate student teachers. Practical advice and information on communicating with parents and finding a job. CR: EDU 4728/4828 Student Teaching.

EDU 4728/4828 Student Teaching (Elementary/Secondary)

Final requirement for pre-service teachers seeking elementary/ secondary certification through Michigan Department of Education. The one-semester student teaching assignment consists of 15 full weeks, resulting in eight hours of course credit. CR: EDU 4721/4821 Student Teaching Seminar. PR: Admission to Teacher Education Program and Student Teaching. Course fee.

ENG 1003 Basic Writing

Practice in the basics of writing: parts of speech, grammar, punctuation, and syntax. Focuses on the writing process and paragraph development. Required of students with an ACT English score of 15 or below. Does not count toward graduation.

ENG 1013 Fundamentals of Composition

Reviews mechanics and introduces students to the writing process and various forms of essay writing. Required of all students with an ACT English score of 17 or below. PR: English ACT of 16 or grade of C or better in ENG 1003. Does not count toward graduation.

ENG 1113 College Composition A

Writing and revising expository papers and documented reports. Students read and analyze selected essays and articles. PR: English/Writing ACT 18+; or grade of C or better in ENG 1013.

ENG 1123 College Composition B

Writing critical essays and research papers; Examines forms of imaginative literature. PR: C or better in ENG 1113 or ACT Writing score of 25+.

ENG 2113 Aspects of the English Language

History and development of the English language. Political and cultural influences on the language and an analysis of the relation between theoretical and practical approaches to English study. PR: ENG 1123.

ENG 2413 World Literature Survey

A comparative study of literature from a variety of world cultures. PR: ENG 1123.

ENG 3213 British Writers to 1800

An analytical study of British writers and literary movements from the medieval times to 1800. PR: ENG 1123.

ENG 3223 British Writers 1800 to Present

An analytical study of British writers and literary movements from 1800 to the present. PR: ENG 1123.

ENG 3313 American Writers to 1865

An analytical study of American writers and literary movements from the colonial era to the Civil War. PR: ENG 1123.

ENG 3323 American Writers 1865 to Present

An analytical study of American writers and literary movements from the Civil War to the present. PR: ENG 1123.

ENG 3513 Critical Writing and Literary Analysis

Advanced writing course on types of writing used to analyze literature. Analytical application of major literary criticism philosophies. PR: ENG 1123.

ENG 3523 Creative Writing

Creative writing theory and practice in a seminar setting; Composition of fiction, poetry, and/or drama. Also, sources of creative writing, characteristics of major genres, and process of revision and editing. PR: ENG 1123.

ENG 3613 Introduction to Linguistics

Basic concepts and methodology of the science of language: Descriptive and historical aspects, phonemic, morphemic, and syntactical features. PR: ENG 1123.

ENG 4203 Shakespeare

A critical study of selected Shakespearean histories, comedies, and tragedies, synthesizing the historical, linguistic, theatrical, and cultural context of these writings. PR: ENG 1123. Course fee.

ENG 4413 Diversity in American Literature

African, Asian, Arab, Hispanic, and Native American voices in contemporary American literature. PR: ENG 1123

ENG 4523 Advanced Composition

Advanced writing, revision, and editing. PR: ENG 1123.

ENG 4533 Senior Writing Project

Student will prepare a major paper in an area of interest. PR: ENG 1123 and 3513.

ENG 4593 Special Topics in English

Various topics in English; offered at the discretion of instructor. PR: ENG 1123 and PI.

ENG 4613 Advanced Literary Theory

A continuation of ENG 3513: Philosophies of literary criticism. PR: ENG 1123 and 3513.

ENG 4723 Studies in Genre: Fiction

Literary analysis of selected short stories and novels. PR: ENG 1123

ENG 4733 Studies in Genre: Poetry

Literary analysis of selected poetry. PR: ENG 1123.

ENG 4743 Studies in Genre: Drama

Literary analysis of selected dramas. PR: ENG 1123.

FIN - Finance**FIN 3113 Personal Financial Management**

One of the most practical courses one can take, this course provides an overview of personal finance issues and is designed to help students better manage their financial resources. Key topics include the following: Long-term financial planning, budgeting, retirement strategies and vehicles, tax planning, savings and investment options, home ownership, financing and leasing options, insurance and personal risk management.

FIN 3203 Principles of Finance

This course is designed to provide students with an understanding of how to best manage the financial resources of a firm. Students will gain an understanding of financial analysis, capital budgeting, asset valuation, working capital, credit policies, accrued and current debt policy, sources of financial structure, costs of capital, dividend policy, and securities markets. PR: ACC 2123.

FIN 3253 Risk Management

This course provides a framework for recognizing the essential elements that mitigate loss and expedite business recovery which is essential in risk management operations. Identifying and managing risk, crisis and disaster management, and emergency/contingency planning will be discussed. PR: FIN 3203.

FLM - Film**FLM 2013 Film Appreciation**

An introduction to the art of film. Includes such topics as film making, early history of the industry, genres, and theories. Students view and analyze a number of films in order to better understand the impact of film on individuals and society.

FLM 2423 Film History

History of the film industry with special attention to influences of the industry and the industry's influence on history.

GEO - Geography**GEO 1013 Introduction to Geography**

A survey of the basic geographic concepts, terms, and methods used in the earth science, culture-environmental, locational, and area analysis traditions. Emphasis on religion, population, language, traditions, and urbanization.

GEO 3113 World Regional Geography

An examination of the political, economic, cultural, and environmental dynamics that shape the major world regions. Evaluations include Africa, Asia, Anglo-America, Europe, the Commonwealth of Independent States, Latin America, the Middle East, and the Pacific Islands.

GER - German**GER 1214 Elementary German I**

Basic vocabulary, grammar, and practice in understanding, speaking, writing, and reading German.

GER 1224 Elementary German II

Vocabulary-building and complex grammatical construction. Stresses the spoken language and German culture. PR: GER 1214 or three semesters of high school German.

GRE - Greek**GRE 1214 Elementary Greek I**

Basic Koine Greek. Highlights the importance and function of Greek language in the writing of New Testament books and letters.

GRE 1224 Elementary Greek II

A continuation of GRE 1214 that includes selected readings from the New Testament. PR: GRE 1214.

GRE 3314 Intermediate Greek Grammar

Selected readings from the Greek New Testament, with an emphasis on advanced features of grammar and syntax. PR: GRE 1224.

GRE 3413 Advanced Greek Readings I

Selected readings from the Greek New Testament. PR: GRE 3314.

GRE 3423 Advanced Greek Readings II

Selected readings from the Greek New Testament. PR: GRE 3314.

HEB - Hebrew

HEB 1214 Elementary Hebrew I

Basic principles, grammar, and vocabulary needed to translate from the Hebrew Bible.

HEB 1224 Elementary Hebrew II

Continuation of HEB 1214; additional grammatical and vocabulary skills. Includes readings from the Hebrew Bible. PR: HEB 1214.

HEB 3413 Advanced Hebrew Readings I

Selected Readings from the Hebrew Old Testament. PR: HEB 1224.

HEB 3423 Advanced Hebrew Readings II

Selected Readings from the Hebrew Old Testament. PR: HEB 1224.

HIS - History

HIS 1313 Western Civilization to 1500

Examines important events, people, institutions, and ideas in the foundations of Western civilization. Coverage includes the ancient Near East; Greece; Rome; the spread and influence of Christianity; the Byzantine and Islamic empires; Medieval Europe; and the Renaissance.

HIS 1323 Western Civilization, 1500 to Present

Examines Western development from the Protestant Reformation to the present. Major themes and topics include European overseas empires, religious reform and warfare; the rise of science and reason; the French Revolutionary era; capitalist, socialist, and nationalist ideologies; industrialization; World Wars; the Cold War; decolonization; and globalization.

HIS 2113 Michigan History

Significant events and people in the state's history from European settlement to the present.

HIS 2513 United States History to 1877

Surveys American political, economic, social, cultural, and ideological development from colonization through Reconstruction. Includes European settlement and the Atlantic World; the American Revolution, Constitution, and early national debates; democratic and territorial expansion; slavery and the origins, course, and aftermath of the Civil War.

HIS 2523 United States History 1877 to Present

Surveys American political, economic, social, cultural, and ideological development from the post-Reconstruction period to the present. Topics include the impact of industrialization, urbanization, immigration, rising power, world wars, prosperity and depression; the Cold War; computers; and globalization.

HIS 3313 The French Revolution and Napoleonic Era

Highlighting institutional, ideological, and social change, this course examines the origins, development, and impact of the French Revolution and Napoleonic Empire, among the great transforming periods in Western history. PR: Sophomore status or PI.

HIS 3323 Nineteenth-Century Europe

Examines political, economic, ideological, social, cultural, and technological developments in Europe from 1815 to World War I. Topics include the Industrial Revolution and its effects, liberalism and democracy, socialism, nationalism, and imperialism. PR: Sophomore status or PI.

HIS 3423 Globalization and the Developing World

This course evaluates patterns of political, social, religious and economic development in Africa, Asia, Latin America and the Middle East. Regional case studies focus on flashpoints within each realm and possible solutions to bring the regions into the global community. PR: Sophomore status or PI.

HIS 3503 Women in American History

This course traces the status and contributions of women in each of the major eras of American history. Examines the roles of leaders and pioneers as well as the changing legal, political, and socio-economic status of the majority of American women, including minorities, and the struggles for suffrage and equality. PR: Sophomore status or PI.

HIS 3513 History of American Foreign Relations

Reviews major ideas, episodes, personalities, institutions, and interpretations of American foreign policy and diplomacy from the founding era to the present. Includes issues relating to the Revolutionary War and the early republic; expansionism; the Civil War; imperialism; world conflicts; the Cold War; and globalization. PR: Sophomore status or PI.

HIS 3523 Colonial and Revolutionary America

This course examines the colonial heritage and founding of the United States. Major topics include European colonization; English colonial politics, societies, and cultures; the Atlantic commercial system; immigration and slavery; imperial relations; the War for Independence; and the establishment of the Constitution. PR: Sophomore status or PI.

HIS 3533 The Early American Republic

Examines developments in the first decades of the United States under the Constitution, including the establishment of the new federal government, political culture and the rise of parties; the Jeffersonian triumph; the War of 1812; early constitutional issues; the Market Revolution; revivalism and reform; the rise of Jacksonian democracy; slavery and federalism; Manifest Destiny; and the war with Mexico. PR: Sophomore status or PI.

HIS 3543 The Rise of Industrial America

A study of major developments relating to the dramatic technological, economic, geographic, and demographic changes in post-Reconstruction America. With emphasis on debates over the proper role of government, topics include western expansion; the rise of big business; Gilded Age politics; urbanization and

immigration; labor and Populist movements; imperialism; Progressivism; and the modern presidency. PR: Sophomore status or PI.

HIS 3553 America in World Crises

This course overviews the major twentieth-century upheavals that brought the United States into a dominant position in the world theater and transformed its political and social landscape. Close attention is given to the First World War and the peace; the "Roaring Twenties;" the Depression and New Deal; World War II; and the onset of the Cold War. PR: Sophomore status or PI.

HIS 3813 Historical Research and Writing

An introduction to upper-level historical study, this course examines the history, nature, sources, and methods of historical investigation and writing. Guided assignments, including a major research paper, exercise learned concepts and skills. PR: Sophomore status or PI.

HIS 4323 Europe in the Age of World Wars

Examines major events, ideas, individuals and institutions in an era of total war, the most destructive in human history. Includes the origins, major features and consequences of World War I and the peace; The Bolshevik Revolution and the rise of the Soviet Union; interwar economics, diplomacy, science, philosophy, art and culture; the struggles of democracy and the rise of fascism; the nature and culture of Nazi Germany; and the onset, course and consequences of World War II. PR: Sophomore status or PI.

HIS 4333 Europe since 1945

Surveys the divergent paths of Western and Eastern European nations in the Cold War era, and the opportunities and challenges presented by the fall of European communism. Includes post-World War II recovery and reconstruction; the onset of the "Iron Curtain" and Cold War; decolonization; the European Union project; national politics, societies and cultures; the collapse of communist regimes; resurgent nationalism and the Yugoslav wars; and the challenges of globalization. PR: Sophomore status or PI.

HIS 4513 The American Civil War Era

Examines the origins, course, and aftermath of the Civil War, with emphasis on the political, cultural, economic, racial, and religious contexts of secession; the presidency of Lincoln; major military campaigns; Reconstruction efforts; and the role of the war in American memory and identity. PR: Sophomore status or PI.

HIS 4523 Recent America 1952 to Present

Examines American politics, economy, society and culture in both the Cold War and post-Cold War periods. Major topics include Cold War diplomacy, politics and economics; American affluence and the Great Society; the Civil Rights movement; Vietnam and Sixties protest; Nixon, Watergate and Stagflation; the Reagan Revolution; Nineties prosperity and the rise of the Internet Age and culture wars; and post-9/11 challenges. PR: Sophomore status or PI.

HIS 4613 Selected Topics in History

Special history topics chosen by student or instructor. PR: PI.

HIS 4813 Senior Project in History

Capstone course for the history concentration in interdisciplinary studies. Supervised research project on a selected historical problem, culminating in a formal paper and presentation. PR: HIS 3813 and PI.

HON - HONORS

HON 1002/3 Intro to Honors

Summer course for high school students. Introduces students to various academic programs at Rochester College and encourages interdisciplinary approaches to classic human questions and contemporary issues. Theme varies by year. Variable Credit. An online component, including a research project, is required of students who wish to earn three hours of credit. All credits applicable to college degree as electives. Enrollment into this program is separate from enrollment at Rochester College.

HON 2014 Communication and Critical Thinking

Develop skills in critical thinking and enhance skills in both written and oral communication. Theme varies annually. Satisfies INF 1011. Hours may also be applied to either the English Composition or Communication and Speech requirements in the General Education Program. PR: ACT 27+ and PD.

HON 2113: The American Experience

Considers the history, political structures, social systems, literature, and art of America within the context of Western society. Theme varies by year. Hours may be applied to one of the following general education requirements: Western Heritage, American Experience, Literature, or Fine Arts Appreciation. PR: ACT 27+ and PD.

HON 2213: Global Citizenship

Considers America's interactions with Western and non-Western countries. Includes a comparative study of international philosophies, social systems, and economies, as well as trans-national interactions. Theme varies by year. Hours may be applied to one of the following general education requirements: Moral and Philosophical Reasoning, Non-Western Studies and Diversity, or Human Institutions and Behavior. PR: ACT 27+ and PD.

HON 2314: Science as a Human Enterprise

Topics may explore science's impact on humanity and humanity's impact on the natural world, the historical development of the major theories in the various branches of science and how the philosophy of science impacts their development. The course has a laboratory component. Qualitative and quantitative applications will be utilized. Hours may be applied to one of the following general education requirements: Critical Thinking and Mathematical Competency, Laboratory Science, or Human Institutions and Behavior. PR: ACT 27+ and PD.

HRM - Human Resource Management

HRM 3613 Human Resource Management

This course is an overview of human resources management practices. The course covers organizational change and how human resources fit in the organization. The course also covers human resource planning, information systems, quality and

performance management, leadership, employee involvement, and international human resources management. PR: MGT 2603.

HRM 3643 Labor Relations

Students investigate the intricacies of managing in an organized labor environment. Topics discussed include: the history, methods, and roles of organized labor in the settlement of disputes. PR: MGT 2603.

HRM 3653 Leadership Theory

Students study modern and historic leadership theories and their application to management situations. The course also introduces effective leadership and methods of overcoming leadership barriers. PR: MGT 2603.

HUM - Humanities

HUM 2003 Appreciation of the Arts.

Examines the elements, forms, and styles of music, theatre, film, and fine art. Students experience the arts through performance and other forms of creative engagement.

HUM 2103 Introduction to the Arts and Sciences

An introduction to the major academic disciplines through the reading of scholarly articles from each discipline and through discussions and interviews with faculty from these disciplines. Students will write an interdisciplinary research paper and a personal/academic/career plan.

INF - Information Literacy

INF 1011 Information Literacy

This course introduces college level critical thinking and research skills which form the basis of information literacy. Includes practice in the planning and implementation of research, internet and library database searching, evaluating websites, citing sources, and understanding and avoiding plagiarism.

INS - International Studies

INS 1001 Intro to International Studies

Introduces future GEO students to the requirements of a semester of studying abroad. Prepares students to travel in a safe, sensitive, informed, and academically-fulfilling way. PR: PI.

INS 2113 Aesthetics

Exposes students to major artists, their works, and artistic developments in European civilization. Emphasis is given to the cultural sites and artistic works encountered in the Vienna Study Program. This course is designed to take advantage of the sightseeing and travel opportunities afforded by the international studies experience. PR: GEO students only.

INS 2123 Language and Culture

Teaches practical basics of the German language for use in everyday life situations in speaking, reading and writing, and gives necessary information to help students better understand Austrian culture in order to enhance the GEO Vienna experience. PR: GEO students only.

INS 3113 Studies in European Civilization

Examines major political, economic, social, cultural, ideological, and religious developments in European civilization. Emphasis is given to the history, prominent figures, and cultural sites of the cities and regions students encounter on the Vienna Study Program. This course is designed to take advantage of the travel opportunities afforded by the GEO international study experience. PR: GEO students only.

MAT - Mathematics

MAT 1003 Beginning Algebra

Review properties of real numbers and arithmetic; algebraic properties; linear equations and inequalities; graphing linear equations, functions, and inequalities; equations of lines; 2x2 systems of linear equations and inequalities; exponents and polynomials; factoring; introduction to quadratic equations and functions; and applications. May include an introduction to rational expressions and functions. As of Fall 2007, does not count toward graduation. Required if Math ACT is 21 or below.

MAT 1103 Intermediate Algebra

Continuation of MAT 1003. Rational expressions, equations, and functions; absolute value equations and inequalities; 2x2 and 3x3 systems of linear equations; radical expressions and equation; complex numbers; quadratic equations and inequalities; graphing quadratic equations; quadratic and rational inequalities; graphing linear, absolute value, quadratic, square-root, and cubic functions; algebra of functions; inverse functions; introduction to logarithmic and exponential functions; and applications. PR: Minimum Math ACT of 22 or minimum grade of C- in MAT 1003.

MAT 1203 Survey of Mathematics

An overview of the essence of mathematics and its applications for the non-science, non-mathematics student. Emphasis will be placed on the development of critical thinking skills, reasoning abilities, and problem solving skills. Topics may include, but are not limited to, sets, algebra, geometry, consumer math, linear equations, systems of equations, formulas, and application problems. PR (Trad only): ACT of 22 or C- or better in MAT 1003.

MAT 1312 Trigonometry

Trigonometric functions of angles and real numbers; right triangle trigonometry; law of sines; law of cosines; trigonometric graphs and identities; inverse trigonometric functions; and applications. PR: Math ACT of 25 or above, or grade of C or better in MAT 1103.

MAT 1322 College Algebra

Equations; inequalities; relations; functions; graphs of functions; composite functions; inverse functions; polynomial and rational functions; exponential and logarithmic functions; systems of equations; Gaussian elimination; partial fractions; and applications. May include sequences, summation notation, geometric series, or mathematical induction. PR: Math ACT of 25 or above, or grade of C or better in MAT 1103.

MAT 1334 Pre-Calculus

Combines various topics of MAT 1312 and MAT 1322 into one course. PR: Math ACT of 25 or above, or minimum grade of C- in MAT 1103.

MAT 2213 Math for Elementary Teachers I

Number sense and numeration, whole number operations, fractions, decimals, computational algorithms, patterns, relations, functions, and informal algebra. Emphasizes content with references to NCTM standards, MDE benchmarks, and materials and strategies appropriate to teaching elementary school mathematics. Satisfies general education requirement for students seeking elementary certification. PR: Grade C- or better in MAT 1003 or Math ACT of 18 or above.

MAT 2223 Math for Elementary Teachers II

Properties of two- and three-dimensional geometric figures, similarity and congruence, common and metric measurement, introductory statistics and probability. Emphasizes content with references to NCTM standards, MDE benchmarks, and materials and strategies appropriate to teaching elementary school mathematics. Satisfies general education requirement for students seeking elementary certification. PR: Grade C- or better in MAT 1003 or Math ACT of 18 or above.

MAT 2233 Finite Mathematics

Straight lines and linear functions; systems of linear equations and matrices; Gauss-Jordan elimination; linear programming and the simplex method; sets and counting; probability; mathematics of finance; and an introduction to difference equations and graph theory. PR: Math ACT of 24 or above, or grade of C- or better in MAT 1003.

MAT 2413 Elementary Statistics

Descriptive statistics; introductory probability; probability distributions; binomial and normal distributions; estimation; hypothesis testing; linear regression and correlation; and applications. May include goodness-of-fit tests; statistical process control; or nonparametric statistics. PR: Minimum Math ACT of 22 or minimum grade of C- in MAT 1003 or MAT 1203.

MAT 2514 Calculus and Analytic Geometry I

Limits and continuity; differentiation and applications; integration and area; calculus of transcendental functions; and an introduction to applications of integration. May include an introduction to differential equations. PR: Minimum Math ACT of 28 and sufficient high school preparation or a minimum grade of C- in MAT 1334.

MAT 2524 Calculus and Analytic Geometry II

Continues MAT 2514. Applications of integration; differential equations; techniques of integration; L'Hopital's rule; improper integrals; infinite series; conics; parametric equations; and polar coordinates. May include an introduction to vectors and the geometry of space. PR: Minimum grade of C- in MAT 2514.

MAT 3212 Technology in Mathematics Education

Focus on the use and integration of instructional technology in the K-8 mathematics curriculum. Teacher prep candidates explore the concepts of how to best utilize technologies in math to help students achieve, think critically, and prepare for the world outside of school. Hands-on experience using Internet resources, web-based applications and instructional software that explore and analyze data, and connect numerical, symbolic, and geometric representations.

MAT 3303 Modern Algebra

Concepts of groups, rings, integral domains and fields, and abstract reasoning. PR: MAT 2524.

MAT 3333 Algebraic, Proportional, and Mathematical Reasoning

Development of algebraic and proportional reasoning as well as an examination of reasoning and proof through logic, conjecture, argument, and formal proof. Also entails an examination of the relationships between the aforementioned concepts. Emphasis is placed on problem solving strategies and concept development. PR: MAT 2213 and 2223.

MAT 3343 Geometry for Elementary Teachers

Examination of two and three-dimensional geometric objects using different representational systems, transformations and symmetry, and problem solving involving geometry. Includes technology and manipulatives for the geometry classroom. PR: MAT 2223.

MAT 3534 Calculus and Analytic Geometry III

Continues MAT 2524. Vectors and the geometry of space; vector-valued functions; functions of several variables; and multiple integration. May include an introduction to vector analysis. PR: C- or better in MAT 2524.

MAT 3614 Linear Algebra

Systems of linear equations, matrices, and determinants; linear combinations and linear independence; vector spaces; linear transformations; eigenvalues and eigenvectors; inner product spaces; and applications. May include linear programming. PR: Minimum grade of C- in MAT 2524. Recommended PR: MAT 3534.

MAT 3624 Differential Equations

First-order ordinary differential equations; linear differential equations of higher-order; differential equations with variable coefficients; power series solutions; Laplace transforms; and applications. May include an introduction to systems of linear first-order differential equations and numerical methods for ordinary differential equations. PR: Minimum grade of C- in MAT 2524.

MAT 4653 College Geometry

Euclidean, hyperbolic, spherical, finite, fractal, and taxi-cab geometries, including applications to real life situations, use of multiple geometry software programs, and some pedagogy for secondary mathematics education students. PR: MAT 2524.

MAT 4952/4962 Senior Math Seminar

The history of mathematics as well as issues involved in mathematics education. This includes curriculum, standards, and the professional mathematics teaching community. Includes a look at the roles of both women and minorities in mathematics. This course concentrates on the development of a scientific paper in the field of mathematics. PR: Senior status.

MED - Media

MED 1101 Print Journalism

Credit for satisfactory work on the print version of *The Shield*, Rochester College's student magazine. Students may serve on the magazine staff every semester but credit is limited to three hours.

MED 1201 Digital Journalism

Credit for satisfactory work for the online version of *The Shield*. Students may serve on the online staff every semester but credit is limited to three hours.

MED 1301 Broadcast Journalism

Credit for satisfactory work for the broadcast version of *The Shield*. Students may serve on the broadcast staff every semester but credit is limited to three hours.

MED 2013 Introduction to Mass Communication

Survey of the history, types, and uses of mass communication.

MED 2513 Media Writing

Writing for news, features, public relations, advertising, and marketed materials. PR: ENG 1123.

MED 2613 Introduction to Public Relations

An overview of public relations theory, strategy and practical techniques as used by corporations, non-profit groups and other organizations. The course focuses on ways to communicate and promote products, services, images and ideas to various publics.

MED 3003 Media and Society

An in-depth exploration of the role and impact of media in society.

MED 3113 New Media Strategies

Exploration and critical analysis of digital and social media and its use by businesses, media outlets and organizations. Includes study about the evolving social contexts created by new media.

MED 3323 Research Methods in Media

Quantitative analysis of media and media audiences. PR: COM 3013.

MED 3513 Public Relations Writing and Visual Design

Writing for internal and external public relations, including media kits, newsletters, websites, advertising and direct mail. Includes basic principles of graphic design and instruction on page layout software. PR: MED 2513

MED 4113 Media Law

Survey of historical and current legal decisions that shape the role of the media and its function in society. Includes legal philosophies affecting the media and its employees.

MED 4323 Public Relations Campaigns and Strategies

Designed for the senior public relations major to analyze, develop and implement a PR plan and portfolio for a real world client. PR: MED 2613, MED 3513.

MED 4613 Special Topics in Media

Various media and communication topics chosen by students or instructor.

MED 4813 Senior Project in Media

Guided research leading to a major paper in an area of the student's interest. Also requires a formal presentation at the Academic Symposium. PR: Senior status and PI.

MED 4893 Media Internship

Supervised field experience in radio, television, graphic design or public relations, with application of theoretical knowledge. Includes outside reading and a written report. PR: PI.

MED 4943 Media Ethics

The major issues and perspectives involved in making ethical choices and/or evaluations in mediated messages. Requires a formal presentation at the Academic Symposium. PR: Junior status.

MED 4953 Media Seminar and Portfolio

Directed study/capstone course to guide students in the CEL program in polishing their portfolios, completing media studies work, preparing for interviewing, and preparatory lessons in entrepreneurship and business skills.

MGT - Management

MGT 2603 Principles of Management

This course introduces the functions of the management discipline including the planning, organization, and control of an effective operation. Students investigate the role of management in various situations and the past, present, and future of fundamental management principles.

MGT 3603 Organizational Behavior

Students investigate theories of human interaction within an organization and how it impacts planning, organizing, directing, and controlling the organization. The course provides an opportunity to better understand organizational behavior and communication used to plan, implement, and evaluate organizational processes. PR: MGT 2603.

MGT 3683 Small Business and Entrepreneurship

This course focuses on the basic principles of small business management. Key areas of focus will include: entrepreneurship, legal structure, start-up strategies, creating a business plan and operational issues. PR: MGT 2603.

MGT 3703 Management of Information Systems

This course focuses on informational challenges organizations face when engaged in the decision-making process. Key areas of focus include: analysis of information systems, communication theory, flow of information, and methods for gathering, disseminating, and controlling information. PR: MGT 2603.

MGT 3713 Operations Management

This course investigates operational issues in the production of goods and services with the objective of managing resources in the most effective and efficient manner. Topics include: forecasting, capacity planning, facility location and layout, materials requirement planning, scheduling, and statistical quality control methods. PR: MAT 2413 (Trad), MGT 2603 (Trad & CEL).

MGT 3723 Non-Profit Management

Critical management issues in non-profit organizations are addressed in this course. Key topics include: start-up strategies, legal status, strategic planning, managing volunteers, budgeting, marketing and public relations, fundraising strategies, and performance measurement. Emphasis will be given to managing ministries and faith-based organizations.

MGT 4123 Financial Planning and Control Systems

A qualitative analysis of organizational planning and control systems with emphasis on providing leadership in forecasting and budget development, processes, and administration among individuals and teams. This includes examination of the role of budgetary processes in conjunction with development of organizational vision and strategic planning initiatives to involve all employees of the organization. CEL only.

MGT 4723 Leadership Seminar

Students explore contemporary leadership theories and analyzes, develops, and implements leadership and decision making strategies for “real world” situations. The course will focus on the characteristics of leadership, the manner in which communication impacts leadership effectiveness, and the implications of both effective and ineffective leadership for organizations. This course serves as a capstone course for the Organizational Leadership and Communication program for assessment purposes. CEL only.

MIN - Ministry

MIN 1411 Ministry Practicum

Practical experience in ministry in a local church or other religious organizations or program. Opportunities for ministry experiences include: assisting in a youth ministry program, preaching, church education, assisting in a Christian service project, or participating in a short mission trip. A minimum of 3 hours of hands-on ministry activity per week is required for credit.

MIN 2401/2402/2403 Missions Outreach Internship

Extended congregational or mission work during spring break, a summer mission campaign, or study abroad. Credit granted in proportion to length of campaign.

MIN 2513 Theology of Ministry

Through examination of the biblical narrative (with attention to historical and contemporary texts) students will engage the question of the content and purpose of ministry, with special attention given to developing a theology of ministry in light of contemporary concerns such as gender roles, the place and function of worship, and the question of ministerial “offices,” and ethical issues that pertain directly to Christian ministers.

MIN 3323 Introduction to Preaching

A study of the rhetorical strategies of selected biblical texts to discern biblical principles of communicating God’s Word; practice in text selection, exegesis, sermon construction, and delivery. PR: REL 2983.

MIN 3333 Introduction to Youth Ministry

Explores relationship-based youth and family ministry. Focuses on the youth minister’s role in youth programs, meeting youth needs, and strengthening the family. PR: Junior status.

MIN 3353 Religion, Media, and Youth Culture

Exploration of the media’s impact within youth and adolescent culture. Includes both negative and positive perspectives on the role of Media (film, television, music, video games, Internet, etc.), the treatment of morality and meaning in media, and the importance of these issues for the life of the church. PR: Junior status.

MIN 3363 Family Life Ministry

A study of models for ministry to families in churches, with an emphasis on a systems approach to family ministry. Life cycle issues, church programming for families, and preventative planning will be studied. PR: Junior status.

MIN 3523 Practical Issues in Ministry

Explores the practical activities of the congregational minister, with special attention to the wide variety of ministerial possibilities that might be pursued. Topics include administration and organization, teaching and education, ceremonial responsibilities (such as weddings and funerals), as well as matters of ministerial finance and legal obligations. PR: Junior status.

MIN 3613 Pastoral Care

Biblical, psychological, and practical guidelines for counseling in a church setting. PR: Junior status.

MIN 3623 The Church and Society

Explores the role of the church in society, theological centers that support evaluation of social institutions that call for Christian action, and the proper role of religion in public life. PR: Junior status.

MIN 4533 Seminar in Ministry

Covers various aspects of ministry, depending on the specialty of the instructor. Might include the history and theology of preaching, of youth ministry, worship, or congregational education. PR: MIN 2513.

MIN 4873 Ministry Internship

Apprenticeship in a religious organization: preaching, religious education, youth work, or personal evangelism. Requires a written activity report. Permission to enroll in MIN 4873 for academic credit is granted after consultation with the supervising professor and the completion of the internship work requirements. PR: PI.

MKT - Marketing

MKT 2503 Principles of Marketing

This introductory course explores the fundamental aspects of marketing to individuals and organizations. The focus is marketing from a modern business context which discusses each aspect of the marketing mix (product, place, price, and promotion) based upon a market orientation perspective.

MKT 3533 Consumer Behavior

Students are introduced to the cultural, psychological, and behavioral factors that influence consumer motivation and values in the marketing process. Students will examine consumer decision-making processes and environmental influences on these processes as well as how to use this information to develop, implement and evaluate effective marketing strategies. PR: MKT 2503.

MKT 3543 Integrated Marketing Communications

Students study communication channels available for distribution of organizational or product information. The focus is on obtaining synergy through the development, implementation, and control of a coordinated communication program, including all aspects of advertising, public relations, sales promotion, and personal selling. PR: MKT 2503.

MKT 3553 Marketing Research

This course introduces students to the marketing research processes from problem formulation to the interpretation of the data. Highlights of the course include primary and secondary data collection methods, questionnaire design, sampling plans, and the analysis and interpretation of data. PR: MAT 2413 (Trad), MKT 2503 (Trad & CEL).

MKT 3613 Customer Relationship Management

This course examines customer relationship management (CRM) as a key strategic process within all organizations and serves as a foundation course in Service Management Program. CRM is defined as the overall process of building and maintaining profitable customer relationships by delivering value and satisfaction to the customer. Focusing on process, strategy and technology, this course leads students from understanding the fundamentals of CRM through the implementation of CRM systems and analysis of customer data. PR: MKT 2503.

MKT 4513 Marketing Management

Students engage in a study of the management of the marketing effort including data analysis, the establishment of marketing objectives, the identification of target markets, and the development, execution, and implementation of marketing mixes. This class serves as the capstone course of the marketing program for assessment purposes. PR: MKT 2503 and senior status.

MUE - Music Education

MUE 3403 Conducting

Basic conducting and rehearsal techniques for directing instrumental and vocal ensembles. PR: MUS 1221, 1223.

MUE 3411 Instrumental Techniques I (Woodwinds)

Playing techniques for woodwind instruments found in school settings. PR: MUS 1221, 1223.

MUE 3421 Instrumental Techniques II (Strings)

Playing techniques for string instruments found in school settings. PR: MUS 1221, 1223.

MUE 3423 Production of the School Musical

Understanding the logistics and process of producing musicals in schools. Includes practicum in a local school working on a current production.

MUE 3431 Instrumental Techniques III (Brass)

Playing techniques for brass instruments found in school settings. PR: MUS 1221, 1223.

MUE 3441 Instrumental Techniques IV (Percussion)

Playing techniques for percussion instruments in school settings. PR: MUS 1221, 1223.

MUE 3603 Technology in Music

Setup, design, and operation of computer music laboratory, including hardware and software appropriate to music production and education applications.

MUE 4403 Vocal Pedagogy

Scientific and imagery-related techniques for teaching vocal production. Includes history of voice teaching.

MUE 4423 Elementary Music Methods and Assessment

Study of methods and materials for use in the elementary music classroom, with special attention to assessment of students. Includes a 60-hour placement in a local elementary or middle school. Course fee.

MUE 4433 Secondary Music Methods and Assessment

Study of methods and materials for use in the secondary choral or instrumental program, with special attention to assessment of students. Includes a 60-hour placement in a local middle or high school. Course fee.

MUS - Music

**All private lessons have fees of \$400 per credit hour.*

MUS 1011 Private Voice*

Private vocal instruction. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: e.g. MUS 2011, 3011, 4011. PR: PI.

MUS 1031 Private Piano*

One hour of credit yields 12 fifty-minute lessons. Numbering accounts for the level of study: e.g. MUS 2031, 3031, 4031. PR: PI.

MUS 1041 Class Piano

Basic piano instruction taught in a group setting. For beginning piano students and non-majors.

MUS 1051 Private Guitar

One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: e.g. MUS 2051, 3051, 4051. PR: PI.

MUS 1061 Private Strings*

Private instruction on orchestral strings. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: e.g. MUS 2061, 3061, 4061. PR: PI.

MUS 1071 Private Woodwinds*

Private instruction on woodwind instruments. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: MUS 2071, 3071, 4071. PR: PI.

MUS 1081 Private Brass*

Private instruction on brass instruments. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: MUS 2081, 3081, 4081. PR: PI.

MUS 1101 A Cappella Chorus

Choral ensemble performs from diverse repertoire that includes extended choral works, smaller works from classical and popular choral literature, and hymns, patriotic, and multi-cultural music. Daily rehearsal and extended touring required. PR: Membership by audition only. Course fee. *Students have one week from casting to add this course to their schedule. Requests received after the first week require academic dean approval and are subject to a \$25 add/drop fee.*

MUS 1121 Autumn

Contemporary a cappella choral ensemble. Repertoire typically includes contemporary religious music, vocal jazz styles, arrangements of spirituals, popular song adaptations, and hymn arrangements. By audition only. PR: PI. *Students have one week from casting to add this course to their schedule. Requests received after the first week require academic dean approval and are subject to a \$25 add/drop fee.*

MUS 1161 Community Choral Ensemble

Choral experience for non-music majors who are interested in singing but are not able to meet A Cappella Chorus membership requirements. Students may arrange for membership in a suitable off campus, community-based choral ensemble and receive one credit each semester. Subject to music department approval.

MUS 1171 Concert Band

Traditional band ensemble with percussion that performs a wide variety of concert music. Membership by audition only. PR: PI.

MUS 1203 Music Foundations

Entry level study of theory emphasizes written skills related to rudiments of music, including scales, keys, intervals, and rhythm.

MUS 1211 Ear Training I

Entry level study of aural skills; Interval recognition, sight-singing, and melodic dictation. CR: MUS 1213.

MUS 1213 Theory I

Beginning part-writing and chord progressions. CR: MUS 1211.

MUS 1221 Ear Training II

Continues MUS 1211. Triads and seventh chords, sight-singing in ensemble, and advanced melodic dictation. PR: MUS 1211. CR: MUS 1223.

MUS 1223 Theory II

Continues MUS 1213. More advanced part-writing and chord progression. PR: MUS 1213. CR: MUS 1221.

MUS 2211 Ear Training III

Advanced study of aural skills. Includes harmonic dictation with more extended harmonies, including atonality. PR: MUS 1221. CR: MUS 2213.

MUS 2213 Theory III

Advanced theory, including modulation and extended chords. PR: MUS 1223. CR: MUS 2211.

MUS 3202 Keyboard Harmony

Improvisation of simple accompaniment using keyboard instruments. Includes interpretation of implied harmonies. Grade of B or higher satisfies the keyboard skills examination required for graduation. PR: MUS 2223 and four semesters of piano recommended, or PI.

MUS 3333 World Music

An overview of modern and historical music of the world including its influence on culture and its effects on our modern world. Emphasis on introducing the world of ethnomusicology to the student.

MUS 3343 Music in America

A survey of the history of music in the United States including Native American music. European influences, and modern jazz and popular music.

MUS 4213 Arranging and Scoring

Practical techniques of arranging vocal and instrumental music for performance by individuals and ensembles of a variety of age ranges and educational levels. Emphasis on music education applications and popular software packages.

MUS 4601 Senior Seminar in Music

Capstone course for all music majors. Includes preparation for post graduation life and music program assessment. PR: Senior status and PI.

MUS 4623 Senior Recital

Preparation and performance of an hour long recital. Required of all performance majors. PR: Senior status and PI.

NSC - Natural Science**NSC 1003/1004 Earth Science**

Topics covered include: Earth's composition, internal and external processes, plate tectonics, map reading and interpretation, geologic structures, history of astronomy, the solar system, classification and formation of stars and galaxies, and cosmology. NSC 1004 includes a lab component. Course fee. NSC 1003 – CEL only.

NSC 1013 Environmental Science

Current environmental issues that contribute to understanding humanity's responsibility for the earth's resources. Includes the study of acid rain, greenhouse effect, and toxic waste. Offered in CEL only.

NSC 2204 Natural Science Field Study

Various geological, environmental, conservation and climate topics are explored in a field study experience. Specific topics covered will depend on the locations visited. Counts as a lab course. Travel fee variable.

NSC 2314 Science Foundations I

Chemistry and Life Science. Designed for elementary teachers. Atoms, molecules, and matter; plants, animal life, genetics, the food cycle, changes in digestion, and ecosystems. Three hours lecture and three hours lab weekly. PR: MAT 1003. Course fee.

NSC 2324 Science Foundations II

Astronomy, Earth Science, and Physics. Basic science concepts primarily for pre-service elementary teachers. Solar system, earth's structure, and the laws and forces which govern earth and the universe as a whole. Three hours lecture and three hours lab weekly. PR: Math ACT of 18+ or MAT 1003. Course fee.

NSC 3114 Earth's Waters

Range of human understanding and interaction with water from seas, streams, lakes, groundwater, glaciers, precipitation, and the atmosphere. Emphasizes man's impact on water as a resource. Includes laboratory component. Course fee. PR: BIO 1014 and CHE 1524.

NSC 4612 Senior Seminar

Conduction of a scientific research project in consultation with a science-faculty adviser. Includes design, data collection, identifying and manipulating variables, organization and analysis of data, evaluation, and communication. Required for graduation. Taken in the final six hours of the program. PR: PI

NSC 4901/4902/4903/4904 Topics in Science

Presentation of paper or project. Four credits maximum. PR: PI.

NUR - Nursing

NUR 2101 Introduction to Professional Nursing

Introduction to concepts of communication, professionalism, protection of patient's rights, leadership and management skills of the baccalaureate prepared nurse. Particular emphasis placed on relationship-based caring theories/theorists. PR: Admission to the BSN Program.

NUR 2204 Integrated Pathophysiology

Study of various disease processes that relate to an individual's unique pathophysiology across cultures. PR: Admission to the BSN Program.

NUR 2304 Health Assessment

Foundational techniques in physical, spiritual, and psycho-social assessment applied in the nursing skills laboratory such as obtaining health history for a full physical and mental health assessment and vital signs. Simulation experiences augment the curriculum. PR: Admission to the BSN Program.

NUR 2402 Community Wellness I with Clinical

Explores the unique methods, tools, and settings that the BSN nurse applies and interacts with in the community. Foundational health assessment techniques utilized with community groups. PR: Admission to the BSN Program.

NUR 2503 Nursing Foundations

Advanced nursing skills such as assessment of vital signs and assisting with self-care in various health care settings. Application of infection control principles, medication administration and wound care across the wellness spectrum

NUR 2604 Innovative Pharmacology

Investigation and examination of holistic, over-the-counter, and prescriptive medications. Current pharmacology trends will be analyzed. PR: Admission to the BSN Program and successful completion of NUR 2204.

NUR 2704 Community Wellness II with Clinical

Examination of data within the community assessments with subsequent development of nursing interventions to promote community wellness in the extended care facility and in-patient population. PR: Admission to the BSN Program and successful completion of NUR 2402.

NUR 2803 Nutritional Health Promotion

Analysis of the integral role of nutrition in maintaining and promoting personal and community health. PR: Admission to the BSN Program.

NUR 3104 Transition to Professional Nursing

The associate degree nurse is exposed to the opportunities and benefits of higher education. PR: Completion of an Associate Degree Nursing Program.

NUR 3204 Advanced Health Assessment in the Community

Bachelor's degree RNs practice in a variety of settings and utilize a unique set of health assessment tools. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

NUR 3304 Pathophysiology Across Cultures

Review of various cultures and their distinctive health challenges and potential pathophysiologies. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

NUR 3404 Integrated Pharmacology Trends

Blended knowledge acquisition of holistic, over-the-counter, and prescriptive medications. Current pharmacology trends will be analyzed. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

NUR 4104 Nursing Research and Informatics

Exposure to and use of online databases to survey nursing research that guides evidence based practice. Review of various informatics systems such as the Electronic Medical Record and those used in medication administration. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

NUR 4204 Holistic Health Promotion Across the Lifespan

Mind, body, and spirit health promotion for all ages is explored. Emphasis on the geriatric population and their unique health challenges. Spirituality is multidimensional and has an important relationship with healing and health. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

NUR 4304 Nursing Management and Leadership

The art of exposing without imposing values. Students will engage in activities to strengthen their management and leadership capabilities. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

NUR 4904 Nursing Capstone/Practicum

Students are paired or pair themselves with a nurse leader in their chosen specialty for an intensive experience. Emphasize is on service, collaboration, and relationship-based caring. PR: Completion of an Associate Degree Nursing Program and Passing Score on NCLEX Examination.

PED - Physical Education

Activity courses satisfy the PED general education requirement.

PED 1011 Individual Sports

Badminton, bowling and other sports activities. Course fee.

PED 1021 Team Sports

Teamwork, communication, and principles of successful team-building. Includes floor hockey, flag football, volleyball, basketball, soccer, towel ball, speed ball, and team mat ball.

PED 1032 Stress Management

This course is designed to provide the student with the understanding of concepts of managing stress in their lives. Students will be educated on the importance of managing stress, how to identify their stressors and will engage in practical ways to deal with stress. As part of a total wellness program the techniques of reducing stress and methods used to implement these techniques will be helpful to the student in more effectively managing stresses associated with college and life.

PED 1071 Conditioning

Basics of diet, stress management, cardiovascular exercise and weight training.

PED 2002 First Aid

American Red Cross Standard and Advanced First Aid Procedures. Includes National Safety Council exam.

PED 2003 Personal and Community Health and Safety

Personal and community health and safety.

PED 2012 Officiating

Officiating methods and principles: Officiating objectives, conduct, conflict management, and psychology. Examines officiating techniques for baseball, basketball, football, soccer, softball, and volleyball. Some practical experience through intramural and intercollegiate programs. Health Courses are required by some programs and count as elective credits but do not apply toward the general education requirement.

PED 2022 Health and Wellness for the Whole Person

A study of major aspects related to human health including the impact of physical activity, nutrition, emotion, spirit and the arts on overall wellness.

PED 2113 Health & Physical Education for the Elementary Classroom Teacher

This course is designed to provide elementary education majors with an overview of the content information, organizational skills, and the methods of instruction needed to teach health education and physical education in the elementary school (K-8).

VARSITY SPORTS

Rochester College offers men and women several options for intercollegiate athletic competition. Varsity sports taken for academic credit satisfy general education requirements. Each sport may be taken for credit only one semester per academic year. *Students have until the Census to add these courses to their schedule. Requests received after the Census date require academic dean approval and are subject to a \$25 add/drop fee.*

PED 2221 Men's Varsity Baseball

Intercollegiate competition for men. Spring.

PED 2231 Men's Varsity Basketball

Intercollegiate competition for men. Fall.

PED 2271 Men's Varsity Soccer

Intercollegiate competition for men. Fall.

PED 2421 Women's Varsity Softball

Intercollegiate competition for women. Spring.

PED 2431 Women's Varsity Basketball

Intercollegiate competition for women. Fall.

PED 2461 Women's Varsity Volleyball

Intercollegiate competition for women. Fall.

PED 2471 Women's Varsity Soccer

Intercollegiate competition for women. Fall.

PED 2741 Co-ed Varsity Golf

Intercollegiate competition for men and women. Fall.

PHI - Philosophy Courses

PHI 2013 Introduction to Philosophy

Students will be introduced to philosophers and philosophical ideas, and will explore the value and contribution of philosophy. The class will also have an interdisciplinary flavor which will explore the ways that philosophy relates to and undergirds other disciplines including religious studies, social studies, political and economic theory, and science.

PHI 2023 Logic

The general goal is to learn how to differentiate good arguments from bad ones. The approach is two-sided: (1) the analysis and classification of fallacies and (2) the analysis as well as the construction of valid arguments. Both Aristotelian and symbolic logic will be studied during the semester. May satisfy the gen. ed. math requirement for Humanities majors.

PHI 2933 Introduction to Ethics

Introduces students to the basic categories and ideas in the field of ethics; develops a greater knowledge of the biblical and historical materials that inform moral discussion; develops skills with moral arguments found in contemporary (and historical) discussions of ethical concerns. PR: Sophomore status.

PHI 2943 Ethics for Health Care Workers

Introduces students to principles and methods of moral reasoning. Issues specific to medical decision-making are explored in depth, including end-of-life issues, choices in reproduction, children and bioethics, etc. Designed primarily for pre-health care majors, but can also fulfill the Gen Ed requirements for Moral and Philosophic Reasoning. Equivalent to PHI 2933. PR: Sophomore status.

PHI 3013 Human Nature

An interdisciplinary class. Professors from different fields (such as philosophy, psychology, political theory, and theology) will share the teaching load to consider the topic of human nature and destiny from the perspectives of their different fields. PR: Sophomore status.

PHI 3023 Philosophy of Religion

A selection of philosophical explorations related to religion and religious faith, such as the relationships between faith and reason, between religion and science, between good and evil, and between different religions. PR: Sophomore status.

PHI 3043 Diversity Seminar

A seminar offered on a selected topic relating to issues of diversity such as race relations, non-Western studies, and multicultural dialog. This course will typically be team taught and will provide opportunities to study, experience, and practice diversity. PR: Sophomore status.

PHI 3923 World Religions

A discussion of major world religions, beginning with "Basic" Religions and covering Judaism, Islam, Hinduism, Sikhism, Jainism, Buddhism, and Chinese Religions. Places Christianity in the global religious context, and discusses fruitful perspectives for understanding different religious systems. Course fee. PR: Sophomore status (Trad); ENG 1123 (CEL).

PHI 3933 Philosophy Seminar

A seminar offered with a rotating series of topics from the field of philosophy (such as Plato, Aristotle, Modern Philosophy, Existentialism, and African Philosophy). The seminar format will include primary readings, reflective and research oriented writing assignments, and seminar-type class discussions. The course is intended to offer upper division exposure to advanced topics in philosophy, as well as an opportunity for students to nurture heightened levels of critical thinking skills, philosophical discernment, and writing ability. PR: PHI 2013.

PHI 4813 Senior Project in Interdisciplinary Studies

Preparation of a major research project in the area or areas of the student's interdisciplinary concentrations. PR Senior status and PI.

PHI 4944 Ethics for Health Care (RN to BSN Program)

Introduces students to principles and methods of moral reasoning. Issues specific to medical decision-making are explored in depth, such as euthanasia, reproductive technologies, experimentation competency, and consent. Designed primarily for health care professionals, but can also fulfill the Gen Ed requirements for Moral and Philosophic Reasoning. PR: Junior status.

PHS - Physics**PHS 2014 General Physics I**

Fundamentals of mechanics, thermodynamics, and sound. Lab includes experiments with motion, mechanics, energy, thermodynamics, momentum, waves, and sound. Course fee. CR/PR: MAT 1334.

PHS 2024 General Physics II

Magnetism, electricity, optics, light, and atomic physics. Lab includes experiments with circuits, electricity, optics, Bohr Theory, and magnetism. Course fee. PR: MAT 1334.

PHS 3004 Astronomy

History of astronomy, the solar system, classification and formation of stars, galaxies, and cosmology. Includes laboratory and observational investigations. PR: MAT 1103. Course fee.

POS - Political Science**POS 2013 National Government**

An introduction to the political dynamics and capital constitutional bases of the American government. The three branches are examined as they act in concert and in conflict. Several models of decision-making are covered.

POS 2023 Introduction to the American Legal System

State and federal courts; the Constitution, statutes, and administrative rules as sources of law; jurisdiction and avenues of appeal in both civil and criminal cases. Students read and brief current and landmark cases.

POS 2043 Criminal Law and Procedure

Major constitutional issues in criminal law and how individual rights are protected in the system. Discusses complex legal issues in the administration of criminal justice in the United States and critical analysis of demands on modern criminal justice agencies and practitioners.

POS 3013 The U.S. in the Modern World

Topics covered will include world changes as a result of WWII and the end of the Cold War, the role and impact of the U.S. on world trade and the new global economy, goals and problems of the United Nations, and the struggle for civil rights of women and blacks in the U.S. Emphasis is on the ability to engage in library and internet research and to communicate integrated lessons employing audio/visual and computer technology. This upper division course is built upon key features of K-12 methodology. PR: Sophomore status or PI.

POS 4013 American Constitutional Law

Constitutional basis and dynamics of the Supreme Court's lawmaking power. Students read and brief landmark cases. A research paper outlines major constitutional cases regarding abortion, civil rights, or presidential powers. PR: Sophomore status or PI.

POS 4213 Substantive Criminal Law

Roots of society's relation to the law and historical and philosophical concepts. Details statutory and case law. PR: Sophomore status or PI.

POS 4913 Directed Legal Research

Students will research important legal issues, and, under the direction of the professor, will prepare legal briefs and documents. Topics will be custom-made for each student taking the course. Students will present an oral and written report of his or her work at the annual Academic Symposium. PR: Senior status and PI.

PSY - Psychology**PSY 1001 Writing in APA Style**

Writing and revising academic and research papers using the American Psychological Association (APA) style. Includes style, structure, organization, references, citations, and grammar.

PSY 1403 Preparation for Statistics

Introduction to basic statistical concepts, sample data, frequency distributions, probability, central tendency, variability, and hypothesis testing. CEL only. PR: MAT 1103 or 1203, and PSY 2013.

PSY 2013 General Psychology

Human behavior, personality, motivation, emotion, intelligence, personal adjustment, and the social and physiological bases of behavior.

PSY 2113 Psychology of Adjustment

Psychological approaches to everyday problems, coping skills, anxiety, personal growth and health, and interactions of individuals within personal and social environments.

PSY 2223 Life Span Development

Major theoretical foundations of the development of human beings across ages and cultures over the course of the life span. Emphasis on the integration of physical, cognitive, affective, social, as well as moral and spiritual development. Utilization of developmental research to address the scope of issues during the course of life.

PSY 3013 Psychology of Personality

Personality theories and the understanding of human development, psychopathology, and behavior. PR: PSY 2013.

PSY 3033 Abnormal Psychology

Theories related to the development of various mental and personality disorders, including the function of abnormal behavior. Introduction to diagnostics, using the Diagnostic and Statistical Manual (DSM-IV), methods of investigation, and psychotherapy. PR: PSY 2013.

PSY 3043 Brain and Behavior

Biology of behavior and mental processes. Behavioral effects of neuroanatomical structures and neurochemical processes. Structure, chemistry, and function of the brain. PR: PSY 2013.

PSY 3053 Health Psychology

Behavioral and psychological processes and their influence on human health, wellness, and health care. Introduction to behavioral medicine, psychoneuroimmunology, and the psychological literature on cardiovascular disorders, somatoform disorders, and other medical conditions. PR: PSY 2013.

PSY 3093 History and Systems of Psychology

Historical, philosophical, and scientific roots of psychology and the contemporary models of sociology, psychology, and counseling training. Emphasizes important contributions of major leaders and schools of psychology, and on current issues in the field of psychology. PR: PSY 2013.

PSY 3123 Social Psychology

Individual psychology in a group setting; social thinking, influence, and relations studied through a review of current research and experimentation. PR: PSY 2013.

PSY 3143 Psychology of Religion

Religion in classical psychological theories, psychological views on religious experience, and recent research and theory in the field of psychology and religion. Emphasizes integration of biblical and theological studies on psychology and psychopathology. PR: PSY 2013 and Junior status.

PSY 3193 Infant and Toddler Development

Human development from prenatal growth through the toddler years. Major theories and research related to physical, cognitive, and socio-emotional development and the implications of those theories for parenting behavior and environmental planning. CEL only. PR: PSY 2013.

PSY 3203 Child Development

Interactive theories of change involved in growth from birth to puberty. Considers physiological, intellectual, psychological, and social change as it is affected by the child's parents, family, school, and general social environment. PR: PSY 2013.

PSY 3213 Adolescent Development

Interactive theories of change involved in the growth of the person from puberty to young adulthood. Physiological, intellectual, and social change as affected by involvement in family, school, community, church, and peers. PR: PSY 2013.

PSY 3223 Psychology of Adulthood and Aging

Sources of psychological growth and crises in adulthood and aging. Changes in intellectual functioning, attitudes toward aging, experience in the family, retirement, needs of the elderly, and death. PR: PSY 2013.

PSY 3303 Statistics for Behavioral Sciences

Quantification and statistics. Descriptive and inferential statistics, including measures of central tendency, variability, basic hypothesis testing, analysis of variance, correlation, and regression. Application of statistical concepts to research. PR: Minimum grade of C- in MAT 1103 (Trad). PSY 1403 (CEL).

PSY 3313 Introduction to Psychological Assessment

An introduction to the field of psychological testing and assessment. Emphasis on test theory, construction, standardization and review of assessment procedures; surveys current assessment instruments for measurements of personality, intelligence, neuropsychological functioning, achievement, vocational interest, special abilities and aptitudes. PR: PSY 3013 or 3093. Course fee.

PSY 3323 Research Methods in the Social Sciences

Application of proper research methods to specific problems related to the social sciences, including problem identification, development of research instruments,

sample construction, variable control, application of statistical analyses, and publication of research results. PR: PSY 2013 and C or better in PSY 3303.

PSY 3403 Introduction to Psychotherapy and Counseling

A focus on the major theoretical foundations and current approaches in psychotherapy and counseling. Emphasis on the development of listening, communication, and empathetic skills necessary in the formation and maintenance of the counselor-counselee relationship. Analysis of dynamics in the counselor-counselee relationship, interviewing techniques, crisis counseling, suicide analysis, referrals, cross-cultural issues, and ethical problems in dealing with clients. PR: PSY 3013 or 3093.

PSY 3413 Substance Abuse and Addictive Behaviors

Major theoretical foundations and current understandings of physiological mechanisms involved in the development and maintenance of substance abuse problems. Emphasis on exploring the differences in various drugs in use and their effects on individual functioning. Addresses issues of assessment, treatment interventions, the varied clientele affected by substance abuse problems as well as legal and ethical issues. PR: PSY 3403.

PSY 3423 Diversity and Cross-Cultural Psychology

A focus on the various aspects of psychology from a cross-cultural perspective. The nature of living in a pluralistic and multicultural society is addressed with an emphasis on issues of multicultural trends and characteristics of diverse groups. The student will examine cultural awareness and sensitivity in counseling and psychotherapy, gender issues, religious variables, and individuals with special needs. PR: PSY 3403.

PSY 3433 Industrial/Organizational Psychology

Introductory course in the psychology of work and organizations. Introduction to the use and application of psychology in the workplace. Industrial/Organizational psychologists utilize skills in job analysis to determine required worker characteristics, design of training and development activities to enhance worker performance, understanding stress and well-being at work, facilitating work environments that increase work motivation, job satisfaction, and job involvement, analyze organizational processes and organization development, and develop leadership skills. PR: PSY 2013.

PSY 3503 Cognitive Psychology

Psychological and biological processes in human thought, information processing, and decision-making; study of mind-brain interaction; role of computer science, philosophy, and linguistics in the study of cognition. PR: PSY 3323.

PSY 3514 Learning and Memory

Memory, attention, conditioning, and conceptual acquisition. Includes laboratory. PR: PSY 3323.

PSY 3524 Sensation and Perception

Physical stimulation and behavior, thought, and experience; Physiology of sensory receptors of all modalities. Also, perceptual processes and characteristics of the visual system. PR: PSY 3323.

PSY 4403 Introduction to Career Development and Guidance

Examines the theoretical foundations and meanings of work in contemporary society, how people select and adapt to work, and the research methods and counseling techniques utilized in the process of making suitable career choices. Students will become involved in career planning, interviewing, and resume writing as a workshop experience in career development. PR: PSY 3403. CEL only.

PSY 4413 Introduction to Marital and Family Systems

Addresses the major theoretical foundations in marital and family systems, emphasizing the dynamics and development of marital and family relationships, behavior, conflicts, and relational resolutions. Explores principles of intervention as they relate to family systems theory and principles, multicultural differences, intergenerational and multigenerational issues, family processes, techniques, and professional issues. PR: PSY 3403.

PSY 4423 Psychology of Group Processes

A focus on the major theoretical foundations of group processes, including the psychological functions of group experience and behavior. The dynamics of group interactions including the concepts of boundaries, decision-making, and interaction. Explores the counselor's role in group interventions with specific counseling populations, including cross-cultural and ethical issues. Students participate in, and conduct group activities. PR: PSY 3403.

PSY 4493 Psychology Field Practicum

Requires 300 hours of counseling agency experience. Student must compile a portfolio containing a journal of daily work experiences, description of the agency (including its services and the training it provides), journal article and critical book reviews reflecting 1,000 pages of reading on a topic approved by the adviser, an original paper on the student's readings and practicum experience, and an evaluation of the practicum experience by the adviser and the student. PR: Senior status or PI, and completion of 20 hours of major core.

PSY 4534 Advanced Seminar in Applied Statistics and Research

Focus on advanced statistical analyses necessary for advanced levels of research. Students will explore the application of analyses of variance, multiple correlation, factor analysis, multiple regression, and other techniques to various research designs and interpretations. PR: PSY 3303, 3323.

PSY 4893 Psychology Seminar

Psychology major capstone course includes readings, discussions, written and oral reports on advanced topics, and related psychology issues. Topics rotate each semester and include health psychology, neuropsychology, child psychopathology, and others. A major research project and final research paper are required. PR: Senior status or PI, and PSY 3303, 3323.

PSY 4911/2/3 Directed Research in Psychology

Students conduct research study under instructor supervision. Literature reviews, data collection, statistical analysis and interpretation, and assistance in research report writing may be included. PR: PI (Trad), PSY 3323 (CEL – 4913 only).

PSY 4921/4922/4923 Directed Readings in Psychology

Students read original source material in psychology under instructor supervision. Annotated bibliographies, content summaries, and literature review papers will be required. PR: PI.

PSY 4943 Ethics in Behavioral Science

Reviews ethical standards such as patient rights, confidentiality, and duty to report in the context of professional human services organizations governed by State of Michigan laws. Contrasts philosophies of biblical imperative and humanistic practice. PR: PHI 2933 and senior status (Trad).

RCC - Rochester Chapel/Convocation

RCC 2001 Rochester Chapel/Convocation

Every full-time traditional student will be enrolled in RCC 2001 during every fall and spring semester attended, with a limit of eight semesters. Students who attend Rochester College for more than eight semesters will not be enrolled in RCC 2001 and will not be required to participate after their eighth semester. RCC 2001 carries one academic credit with a letter grade assigned to it based on a 25-point scale, corresponding to the number of Chapel/Convocation events attended during the semester.

RDG - Reading

RDG 3313 Children's Literature

History of children's literature, assessment of children's needs; effective selection and use of children's literature. PR: ENG 1123.

RDG 3333 Writing Workshop

Based on the model proposed by the National Writing Project. Provides opportunities for future teachers of writing to be writers themselves. Exploration of the writing process in a workshop setting. Emphasis on the development of performance assessment criteria in order to respond effectively and constructively to students' written efforts. PR: ENG 1123.

RDG 3413 Adolescent Literature

Short novels and stories by contemporary writers of literature for young people. Adolescent themes such as violence in society, search for identity, family life, and peer pressure. PR: ENG 1123.

RDG 3913 Literacy Workshop in Grades K-2

This course examines the reading and writing workshop format of literacy instruction in Kindergarten, 1st and 2nd grades. Emphasis will be on aspects such as organization, mini-lessons and conferring with individual students. The course includes observation time and interaction with elementary students in summer school classes. PR: Teacher Certification.

RDG 3923 Literacy Workshop in Grades 3-5

This course examines the reading and writing workshop format of literacy instruction in 3rd through 5th grades. Emphasis will be on aspects such as organization, mini-lessons and conferring with individual students. The course includes observation time and interaction with elementary students in summer school classes. PR: Teacher Certification.

RDG 4304 Reading and Language Arts

Informs teacher candidates of the principles and processes of reading and the other language arts in order to develop literacy instruction that is developmentally appropriate. Teacher candidates learn to utilize a variety of instructional and evaluative approaches which respect the diversity and individuality of each student and reflect responsive instruction. PR: Pre-admission to the Teacher Education Program.

RDG 4314 Content Reading and Assessment

Study of the principles, techniques, and processes of literacy instruction needed for elementary/middle school students to be independent, strategic learners in the content areas. Application of principles and practices and implementation of formative assessment during the tutorial clinic portion of this course. PR: Grade of C or better in RDG 4304; Pre-admission to the Teacher Education Program.

RDG 4403 Literacy in Secondary Schools

Informs pre-service teachers of principles and processes of reading that supports student learning in grade 7-12 content areas. Presents various instructional and evaluative approaches, respecting the diversity and individuality of each student. PR: Pre-admission to the Teacher Education Program.

REL - Religion

REL 1003 Introduction to Christian Faith

A survey of the central narrative and primary themes of the Christian faith, with a brief discussion of the historical developments and schools of thought that have shaped the belief and practice of the Christian tradition.

REL 1013 Survey of Biblical Literature

A survey of the Old and New Testaments, with special emphasis given to the historical occasion, literary genre and religious themes of each book.

REL 2013 Spiritual Formation

A theological and practical introduction to spiritual development through the study of scripture and other works in spiritual formation and through experience in practicing the traditional Christian disciplines. PR: Sophomore status.

REL 2983 Biblical Interpretation

Combines textual, historical, and linguistic knowledge and skills with sound hermeneutical principles to develop proficiency for logical interpretation of the scriptures.

REL 3613 Special Topics in Religion

Various topics in the field of religion, as chosen by the instructor. PR: Junior status.

REL 3703 Survey of Church History

History of Christianity from its beginnings through the Reformation to the present day. Focuses on the development of various doctrines, including Scripture, Trinity, Christology, Church and Salvation. PR: Junior status. CEL only.

REL 3793 History and Theology of the Christian Tradition I

Focuses on fundamental Christian doctrines, with a special emphasis on their development through history. Coverage begins in the first century and continues into the Medieval period. PR: Junior status.

REL 3893 Special Topics in Historical Theology

Examination of a specialized topic in the field of Historical Theology. Topics will include the American Restoration Movement, religious life in the United States, Evangelicalism, the formation of the Bible, and other specializations. PR: Junior status.

REL 4003 History and Theology of the Christian Tradition II

Focuses on fundamental Christian doctrines, with a special emphasis on their development through history. Coverage begins in the Reformation era and continues into the present day. PR: Senior status.

REL 4811 Senior Seminar in Religion

Required capstone course for religion majors. An opportunity to discuss among peers and faculty, and to revise, under faculty supervision, previously submitted work from Fall upper-division religion courses. Participation in the seminar culminates in student presentations of papers. PR: any 3000 or 4000 level BIB, MIN, or REL course offered in the previous fall semester.

REL 4963 Systematic Christian Doctrine

Focuses on fundamental Christian doctrines, reflecting on formative biblical texts, historical development, cultural influences, and the written works of major theological thinkers. PR: Junior status. CEL only.

SMG - Sports Management**SMG 2223 Principles & Practices of Sports Administration**

The concepts of sports administration and the four tracks of sports administration: commercial, professional, intercollegiate, and interscholastic are introduced. Students also examine administrative positions and the organizational structures of firms in the sporting industry.

SMG 2263 Managing Sports Organizations

This course emphasizes the application of management principles and concepts to the ever changing needs of the sport industry and the roles and responsibilities of the sport manager. Focus will be on information technology and the sports media, strategic planning in sports, operational planning and control of the sports organization, organization design and the sports agency, decision making in sports organizations, motivation and leadership, and human resource management.

SMG 3003 Sports Marketing

This course will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports marketing plans.

SMG 3013 History and Philosophy of Sports

Students are provided a historical study of the development of sports, its role in society, and the philosophical problems that occur. Each student is guided in developing a philosophy related to sports management.

SMG 3023 Recreation Management

This course provides an in-depth study of the role, organization and management of community recreation programs. Students examine the development of community sports leagues, club sports, youth programs and camps, and game officiating.

SMG 3033 Theory in Coaching

This course focuses on the concepts and principles of coaching athletic teams of all levels, including the development of practice plans, teaching methods and theories, motivational strategies, recruiting on the intercollegiate level, and coaching philosophies and ethics.

SMG 3283 Practicum in Sports Management

Students are provided a supervised experience in the sports management industry. Students explore career options, observe a variety of sports management settings, and connect classroom learning with practical application.

SMG 3613 Emerging Issues in Sports Management

This course is designed as a seminar on current and emerging topics in the sports world which are not featured in other courses but worth further exploration based on their potential impact on the sports industry.

SMG 3623 Special Topics in Sports Management

This course focuses on topics which are not featured in other sports management courses but worth further exploration based upon their impact in the industry.

SMG 4113 Legal Aspects of Sports

This course is an overview of the legal issues that affect the sports world, the fitness industry, and recreation. An emphasis will be placed on risk management, case studies, current issues, and practical applications.

SMG 4243 Ethics in Sports Management

This course focuses on the ethical issues related to the realm of sports. Areas of focus include: an introduction to ethical concepts and theories; self-evaluation of one's philosophy of sports, moral behavior, and management; application of ethical theories and frameworks to the decision making process of sports managers; and the careful examination of ethical case studies involving the sports industry.

SMG 4253 Facility Design and Event Management

The concepts and principles involved in the process of planning, designing, and operating athletic facilities and the events that are scheduled in indoor and outdoor facilities. This course utilizes the resources available within the Detroit market as real-world examples of the concepts of the course by visiting and touring existing sports facilities. Course fee.

SOC - Sociology**SOC 2013 Introduction to Sociology**

An introductory course that focuses on sociological concepts that stress the individual's relationship to society and diverse cultures. It addresses sociological theory and how individual's are influenced within the scope of religion, education, government, economics, race and diverse culture and how they impact on an individual's development.

SOC 2023 Social Problems

This course addresses current American social problems within a diverse cultural context including crime and social deviance, poverty, child abuse, the environment, race relations, and substance abuse. Topics addressed will be considered through the lens of the treatment of social problems and preventative social planning. Although there is an emphasis on American social problems, the perspective of globalization is also addressed as these problems impact people from international and inter-cultural perspectives.

SOC 2453 Marriage and the Family

This is an introductory course on marriage and the family and includes the major understandings relative to the development of the family historically, family life course, preparation for marriage, gender roles, marital adjustments, parent-child relationships, in-law and extended family relationships, financial planning, and religious perspectives. Marriage and the family will be considered as dynamic systems, organized as social systems, and how they function as social institutions. This course will consider the broader issues reflecting diversity within marital and family systems from ethnic, inter-cultural and religious perspectives.

SPA - Spanish

SPA 1214 Elementary Spanish I

Basic vocabulary, grammar, and practice in understanding, speaking, writing, and reading Spanish.

SPA 1224 Elementary Spanish II

Vocabulary-building and complex grammatical construction. Stresses spoken language and Spanish culture. PR: SPA 1214 or three semesters of high school Spanish.

SPA 2214 Intermediate Spanish I

Grammar review and continued emphasis on oral and written communication. Also, literary and cultural readings. PR: SPA 1224 or two years of high school Spanish.

SPA 2224 Intermediate Spanish II

A continuation of SPA 2214. PR: SPA 2214.

SWK - Social Work

SWK 2013 Introduction to Social Work

Social welfare field, history of American social services, and issues relating to the field of social work practice.

SWK 3003 Human Behavior and the Social Environment

Human behavior dynamics and the effect of social environment on individual lifetime development. Biological, psychological, and social perspectives on human function. Students develop a people-in-systems theory.

SWK 3103 Social Welfare and Public Policy

Historical, philosophical, and political forces that shape the welfare system's response to contemporary social needs. Analysis of public policy's impact on society.

SWK 4403 Social Work Practice I

Generalist social work skills and interview techniques in client systems. Use of self in the change process and problem-solving in a systems framework. PR: SWK 2013.

SWK 4413 Social Work Practice II

Generalist model for problem identification, intervention selection, and intervention approaches for individuals, families, groups, and communities. Highlights ethical decision-making in social work. PR: SWK 4403.

SWK 4893 Field Practicum

Requires 300 hours of field experience and portfolio that includes a daily journal of internship experience, description of agency's services and training, journal article and critical book reviews reflecting 1,000 pages of reading on an approved topic, written report on readings and practicum experience, and an adviser and student evaluation of the practicum experience. PR: SWK 4403 and 4413.

THE - Theatre

THE 1011 Stagecraft

Technical theatre laboratory experience. Assigns students to technical role in a Rochester College theatre production: lighting, makeup, costumes, props, or set construction. Assignments based on experience and/or interest and job availability. May require up to 75 hours of work. *Students have one week from casting to add this course to their schedule. Requests received after the first week require academic dean approval and are subject to a \$25 add/drop fee.*

THE 1021 Performance Workshop

Laboratory experience/credit for performing in a Rochester College theatre production. Selection for roles is based on audition. PR: PI. *Students have one week from casting to add this course to their schedule. Requests received after the first week require academic dean approval and are subject to a \$25 add/drop fee.*

THE 1031 Ensemble Acting

Theory and practice in the dynamics of group performance. Requires membership in touring performance ensemble. PR: PI. *Students have one week from casting to add this course to their schedule. Requests received after the first week require academic dean approval and are subject to a \$25 add/drop fee.*

THE 1041 Theatre Practicum

Laboratory experience/credit for the following roles in a Rochester College theatre production: Assistant director, assistant technical director, stage manager, assistant stage manager, designer, dramaturg, or house manager. PR: PI. *Students have one week from casting to add this course to their schedule. Requests received after the first week require academic dean approval and are subject to a \$25 add/drop fee.*

THE 1103 Acting I

An introduction to acting including theory and application involving voice, movement, improvisation, script analysis, and scene studies.

THE 2103 Acting II

Continuation of the work begun in Acting I. Physical, vocal, and emotional approaches to a characterization for a variety of roles in the theatre. PR: THE 1103 or PI.

THE 2113 Technical Theatre

Basic principles of stage design, set construction, lighting, properties, costumes, and makeup in relation to the production concept of a particular genre. Laboratory experience in Rochester College theatrical production.

THE 3113 Theatre for Young Audiences

Explores cognitive and emotional characteristics of young audiences and age-appropriate dramatic material. Exposes variations of dramatic literature for child and adolescent audiences. Discusses performance of literature adaptation as well as text creation from improvised scenes. PR: ENG 1123.

THE 3213 Dramaturgy

A study of the practice of dramaturgy, the process of transforming a dramatic text into a performance piece. Students will create dramaturgical plans or "protocols" for campus productions as well as for selected classical texts.

THE 3303 History of Western Theatre

A survey of major historical periods of the theatre from Greeks to the present.

THE 3313 Oral Interpretation of Literature

Instruction in analysis and performance of literary genre. Includes oral interpretation of forms such as poetry, scripture, prose, children's literature, and drama. PR: COM 1013.

THE 4603 Dramatic Criticism

Critical writing approaches used to analyze both theatre performance and dramatic literature. PR: Any THE course

THE 4113 Directing

Process of play direction from production concept to performance. Includes written play analyses, conducting auditions, casting, rehearsing, and working with technical staff. Students required to direct scenes or one-act plays, possibly in conjunction with a campus theatre production. PR: One of the following - THE 1103, 2103, 2113, 3213, 3303, or 3603.

THE 4143 Theatre and Religion

Surveys the historical relationship between theatre and religion including pagan worship, liturgical presentations and mystery plays. Discusses current conflicting views regarding the role of theatre in the 21st century church, including drama in evangelism (and in the teaching of children), and Christian participation in secular theatre. PR: Any THE course.

THE 4813 Senior Project in Theatre

Preparation of a major creative or research project in an area of the student's interest. PR: Senior status and Theatre or Performing Arts IDS Concentration.

THE 4893 Theatre Internship

Supervised field experience in theatre context with application of theoretical knowledge. Includes outside reading and a written report. PR: Junior status.

THE 4601 Senior Seminar in Theatre

Capstone course in theatre. Includes preparation for post graduation life and theatre program assessment. PR: Senior status.