

COURSES AVAILABLE

COURSES DIRECTORY

(AC)

AC 101 PRINCIPLES OF ACCOUNTING I 3.0 UNITS

AC101 Principles of Accounting I 3 credits Emphasizes basic principles and concepts and the use of accounting information. This segment of the course concentrates on accounting for a sole proprietorship from inception to the preparation of financial statements. (Required for Business Division majors)

AC 102 PRIN OF ACCOUNTING II 3.0 UNITS

AC102 Principles of Accounting II 3 credits Applies the principles and concepts learned in Principles of Accounting I to the partnership and corporation forms of business organization. Special attention to the analysis and interpretation of financial data, and to the measurement and control of costs. Prerequisite: AC101. (Required for Accounting/Finance majors)

AC 213 INTERMEDIATE ACCOUNTING I 3.0 UNITS

AC213 Intermediate Accounting I 3 credits An intensive examination of accounting principles related to financial statements. Overall survey of the accounting cycle followed by an in-depth consideration of cash, receivables, inventories, and plant assets. Prerequisite: AC102.

AC 474 ADVANCED ACCOUNTING 3.0 UNITS

AC474 Advanced Accounting I 3 credits Required for all Accounting majors. Concentrates in areas which are common requirements for both public and non-public careers. Topics to be covered are: consolidated financial statements, foreign operations and transactions, and SEC reporting. Prerequisite: AC214.

(AN)

AN 102 HUMAN ORIGINS-LAB 4.0 UNITS

AN102 Human Origins (laboratory) 4 credits Investigates the processes by which humans have evolved biologically by the examination of the fossil record over the course of five million years. Addresses GLE Learning Outcomes Natural Sciences, Critical Thinking and Inquiry & Analysis

AN 220 GLOBAL PROBLEMS 3.0 UNITS

AN220 Global Problems 3 credits Examines social, political, environmental, and economic issues within historical and cultural contexts. Focus will be on Asian, Latin American, and Islamic societies.

(BA)

BA 213 BUSINESS LAW I 3.0 UNITS

BA213 Business Law I 3 credits Principles of the law of contracts, sales, and agency. An overview of torts and criminal law. Using the problem-solving method, this course is intended to develop an awareness of and a logical approach to the legal factors which affect business decisions.

BA 280 SMALL BUS ADV GRP 1.0 UNIT

BA280, 380, 480 Small Business Advisory Groups 1 credit each Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business plans, web sites, advertising campaigns, marketing strategies, financial analyses, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

BA 380 SMALL BUSINESS ADVISORY GROUP 1.0 UNIT

BA280, 380, 480 Small Business Advisory Groups 1 credit each Team projects that assist small businesses in southern New Hampshire in solving real business problems. Working with the Small Business Development Center (SBDC), a team of six students develop business

plans, web sites, advertising campaigns, marketing strategies, financial analyses, or any other material that will help small businesses that are just starting up, or with their problems/opportunities. SBDC is a non-profit organization associated with the State of New Hampshire, the Small Business Administration and the University of New Hampshire.

BA 471 BUSINESS STRATEGY AND ETHICS 3.0 UNITS
BA471 Business Strategy and Ethics 3 credits Examination of administrative problems through case studies. Familiarization with current business issues through readings and discussions. Students apply the principles they have learned and develop an appreciation for the enterprise as an integrated system of resources. This course is the capstone requirement for all business majors. Prerequisite: senior standing.

(BI)

BI 101L BIOLOGY I-LECTURE 0.0 UNITS
BI101 Biology I 4 credits The human species, the basic mechanisms of life, and the delicate balance in the biosphere. In Biology I the approach is through study of life processes from the molecular to the organ system level of structure. Biology I addresses GLE LO's Natural Sciences (NS), Critical Thinking (CT) and Inquiry & Analysis (IA). Fall, Spring

BI 211L GENETICS -LECTURE 0.0 UNITS

BI 218L ECOLOGY 0.0 UNITS

BI 325L MICROBIOLOGY-LECTURE 0.0 UNITS

BI 375L MAMMALOGY-LECTURE 0.0 UNITS

BI 403L Assessment & Prescript of Fitness 0.0 UNITS
BI403L Assessment and Prescription of Fitness - Lecture 0 credits This is a lecture and laboratory course designed to provide the student with a basic understanding of laboratory and field assessment techniques used in exercise physiology, fitness/wellness facilities, and--to a minor extent—clinical situations. This course will emphasize fitness assessment and exercise program design principles for cardiovascular fitness, muscular strength and endurance, body composition, balance and flexibility. Prerequisite: Prerequisite: BI400 with a grade of C or higher. Fall/Spring

BI 404L Strength and Conditioning 0.0 UNITS
BI404 Strength and Conditioning- Lecture 0 credits This course includes a review of resistance training based upon the scientific literature and is intended to promote the use of a structured scientific approach in the prescription of progressive resistance training and metabolic conditioning. Pre-requisites: Prerequisites, BI 400 with a grade of C or higher. Fall/Spring

BI 101 BIOLOGY I LAB 4.0 UNITS
BI101 Biology I 4 credits The human species, the basic mechanisms of life, and the delicate balance in the biosphere. In Biology I the approach is through study of life processes from the molecular to the organ system level of structure. Biology I addresses GLE LO's Natural Sciences (NS), Critical Thinking (CT) and Inquiry & Analysis (IA). Fall, Spring

BI 101 BIOLOGY I LAB 4.0 UNITS
BI101 Biology I 4 credits The human species, the basic mechanisms of life, and the delicate balance in the biosphere. In Biology I the approach is through study of life processes from the molecular to the organ system level of structure. Biology I addresses GLE LO's Natural Sciences (NS), Critical Thinking (CT) and Inquiry & Analysis (IA). Fall, Spring

BI 101 Honors BIOLOGY I LAB 4.0 UNITS
BI101 Biology I 4 credits The human species, the basic mechanisms of life, and the delicate balance in the biosphere. In Biology I the approach is through study of life processes from the molecular to the organ system level of structure. Biology I addresses GLE LO's Natural Sciences (NS), Critical Thinking (CT) and Inquiry & Analysis (IA). Fall, Spring

BI 211 GENETICS-LAB 4.0 UNITS
BI211 Genetics (laboratory) 4 credits Hereditary mechanisms of cells, individuals, and populations. Experiments and reasoning through which genetic information has been achieved will be described and analyzed. Heredity in microbes, plants, and animals is explored from

the molecular, chromosomal and phenotypic points of view. Genetics is presented as unifying the study of all organisms. Prerequisite: BI102 Fall, Spring

BI 215 BIOLOGY AND HEALTH SCIENCES SEMINAR 3.0 UNITS

BI215 Biology and Health Sciences Seminar 3 credits This course is designed to give the student important guidance that might not otherwise be received in their formal undergraduate education. In particular this course will focus on helping the student decide what path to take after completion of the undergraduate degree, determining the topic and details of Senior Thesis or Internship (In Biology, the internship is an option only for those students seeking a B.A. degree), creating a professional cover letter and resume and refining skills in researching the primary literature and presenting scientific information. Prerequisite: Sophomore standing or permission of instructor.

BI 218 ECOLOGY 4.0 UNITS

BI/ES218 Ecology (laboratory) 4 credits The interactions of individual organisms, populations, and communities with their environments. Lectures and laboratories emphasize principles and techniques of ecological investigations. Most lab sessions take place outdoors in the field, regardless of weather. Prerequisite: BI102, ES102 or ES104 or IC111. Fall

BI 218 ECOLOGY - 4.0 UNITS

BI/ES218 Ecology (laboratory) 4 credits The interactions of individual organisms, populations, and communities with their environments. Lectures and laboratories emphasize principles and techniques of ecological investigations. Most lab sessions take place outdoors in the field, regardless of weather. Prerequisite: BI102, ES102 or ES104 or IC111. Fall

BI 235 HUMAN HEALTH AND NUTRITION 3.0 UNITS

BI235 Human Health and Nutrition 3 credits A survey of human nutrition that is accurate, up-to-date, and consistent with scientific principles. The course is designed in such a way that the information presented may be easily understood, enjoyed, and found applicable to important concerns in the daily lives of students with little scientific background. Spring, alternate years

BI 260 HUMAN ANATOMY AND PHYSIOLOGY I 4.0 UNITS

BI260 Human Anatomy and Physiology I (laboratory) 4 credits This course introduces the organization of the human body in the context of the unifying concepts of feedback regulation and homeostasis. The course assumes a general knowledge of cell structure and function and begins with a study of tissues and a general introduction to organs and systems. It then provides detailed study of the integumentary, skeletal, muscular, and nervous systems. This course has both a lecture and laboratory component. This course and BI 261, Anatomy and Physiology II provide students with a general introduction to the biology of the human body. It is required that the two courses be taken in sequence with BI260 coming first. Addresses GLE Learning Outcomes Natural Sciences(NA), Inquiry & Analysis(IA), and Critical Thinking(CT). This course is cross-listed as AN 260. Prerequisite: BI102 or permission of the instructor. Fall

BI 260 HUMAN ANATOMY AND PHYSIOLOGY I 4.0 UNITS

BI260 Human Anatomy and Physiology I (laboratory) 4 credits This course introduces the organization of the human body in the context of the unifying concepts of feedback regulation and homeostasis. The course assumes a general knowledge of cell structure and function and begins with a study of tissues and a general introduction to organs and systems. It then provides detailed study of the integumentary, skeletal, muscular, and nervous systems. This course has both a lecture and laboratory component. This course and BI 261, Anatomy and Physiology II provide students with a general introduction to the biology of the human body. It is required that the two courses be taken in sequence with BI260 coming first. Addresses GLE Learning Outcomes Natural Sciences(NA), Inquiry & Analysis(IA), and Critical Thinking(CT). This course is cross-listed as AN 260. Prerequisite: BI102 or permission of the instructor. Fall

BI 310 Research Methods 3.0 UNITS

BI310 Research Methods 3 credits The course is designed to provide an understanding of basic research methods and techniques used in medical science but also applicable to almost any area of investigation and scholarship. Students will be exposed to the basic analytical, graphical and statistical methods used to generate and interpret data, and will demonstrate their knowledge of the course materials by analyzing and interpreting research from professional journals, from analyzing and graphing raw data provided in class and by planning an independent research study over the course of the semester. Students will learn to effectively use EXCEL software for data manipulation, graphics and statistical analysis. They will also develop literature searching tools using a variety of available library databases and free bibliographic software for preparation of scholarly documents. (3cr, Spring)

BI 325 MICROBIOLOGY-Lab 4.0 UNITS

BI325 Microbiology (laboratory) 4 credits Overview of the microbial world including the fundamental concepts of microbial genetics, pathogenesis, physiology and diversity. Laboratory emphasizes sterile technique, microscopy and characterization of microorganisms through molecular, metabolic and physical characteristics. Prerequisites: BI102, CH102.

- BI 351** **ENDOCRINOLOGY** **3.0 UNITS**
BI351 Endocrinology 3 credits Endocrinology is the study of the endocrine system. The endocrine system is responsible for the synthesis and secretion of hormones that enable the maintenance of homeostasis. This course will address the normal anatomy and physiology of the organs of the endocrine system. Further, understanding of endocrine pathophysiology will be pursued through appropriate background information and the current original literature. An inquiry based approach will engaged in for discussions of each unit. Prerequisite: BI102.
- BI 370** **MEDICAL TERM AND HEALTH SYSTEMS** **3.0 UNITS**
BI370 Medical Terminology and Health Systems 3 credits This course is designed to acquaint students interested in entering the medical fields with the science of medicine, healthcare delivery systems and the ethical framework that supports them. There will also be focus on medical terminology as it relates to the medical profession, healthy physiology and disease processes. Critical review of current medical literature will assist in understanding evidence based medicine. Spring, alternate years
- BI 370** **MEDICAL TERMINOLOGY AND HEALTH SYST** **3.0 UNITS**
BI370 Medical Terminology and Health Systems 3 credits This course is designed to acquaint students interested in entering the medical fields with the science of medicine, healthcare delivery systems and the ethical framework that supports them. There will also be focus on medical terminology as it relates to the medical profession, healthy physiology and disease processes. Critical review of current medical literature will assist in understanding evidence based medicine. Spring, alternate years
- BI 375** **MAMMALOGY-LAB** **4.0 UNITS**
BI375 Mammalogy (laboratory) 4 credits The investigation of mammal biology, including the evolution, radiation, reproductive biology, behavior and natural history of mammals. Laboratory work stresses the identification of New Hampshire mammals, field studies, and proper museum preparation of mammal study specimens. Prerequisite: BI102. Fall, alternate years
- BI 400** **Kinesiology - Lab** **4.0 UNITS**
BI400 Kinesiology 4 credits Application of knowledge of human physical structure and function in the analysis and appreciate of human movement; theory and practice of human movement analytic techniques. Prerequisite: BI260 Human Anatomy and Physiology I Course offered Fall and Spring
- BI 402** **Exercise Physiology** **4.0 UNITS**
BI402 Exercise Physiology 4 credits A survey of human physiology parameters as related to physical exercise and work and the development of physiological fitness factors. Physiological foundations will be considered. Prerequisite: BI260, BI261 Corequisite: BI402L Spring Fall
- BI 403** **Assessment & Prescript of Fitness** **4.0 UNITS**
BI403 Assessment and Prescription of Fitness 4 credits This is a lecture and laboratory course designed to provide the student with a basic understanding of laboratory and field assessment techniques used in exercise physiology, fitness/wellness facilities, and--to a minor extent—clinical situations. This course will emphasize fitness assessment and exercise program design principles for cardiovascular fitness, muscular strength and endurance, body composition, balance and flexibility. Prerequisite: Prerequisite: BI400 with a grade of C or higher. Fall/Spring
- BI 404** **Strength and Conditioning** **4.0 UNITS**
BI404 Strength and Conditioning 4 credits This course includes a review of resistance training based upon the scientific literature and is intended to promote the use of a structured scientific approach in the prescription of progressive resistance training and metabolic conditioning. Pre-requisites: Prerequisites, BI 400 with a grade of C or higher. Fall/Spring
- BI 420** **EVOLUTION SEMINAR** **1.0 UNIT**
BI420 Evolution Seminar 1 credit Examines the factual, historical, and philosophical basis of modern evolutionary theory using recent articles and publications. Prerequisite: junior or senior standing in Biology or Anthropology, or permission of instructor.
- BI 460** **Internship in Biology/Health Scienc** **3.0 UNITS**
BI460-462 Internship in Biology/Health Sciences 3 credits each An on-site field experience with a public or private agency or institution such as a laboratory, hospital, natural resources department or public health office. Internships normally require a minimum of 55 hours of on-the-job work per semester hour of credit, a grade point average of 3.00 or higher, and demonstrated ability to complete the work expected. Internships are developed in consultation with a faculty internship advisor and require approval of the advisor,

prospective internship supervisor, and the Division Chair. Evaluation is made by the internship advisor, in consultation with the supervisor. Prerequisites: Biology or Health Sciences major, junior or senior standing, and permission of the instructor

BI 480 SENIOR SEMINAR IN BIOLOGY 3.0 UNITS

BI480 Seminar in Biology 3 credits Reading and discussions of selected topics. Consideration of the goals and methods of scientific research. Required of all Biology/Health Science majors as a Capstone option. Prerequisite: Junior standing.

BI 481 SENIOR THESIS 3.0 UNITS

BI481 Senior Thesis 3 credits A student is required to define a problem or objective in consultation with a departmental advisor, conduct the necessary research, and then write a thesis or execute a project of corresponding value. Required of all B.S. Biology majors. Prerequisites: senior standing, permission of instructor and BI480.

(CH)

CH 211L ORGANIC CHEMISTRY I - Lecture 0.0 UNITS

CH211–212 Organic Chemistry I and II (laboratory) 4 credits each Principal classes of aliphatic and aromatic compounds, with emphasis on class reactions and structural theory. Laboratory exercises include the preparation and purification of selected organic compounds. Prerequisite: CH102.

CH 321L BIOCHEMISTRY-LECTURE 0.0 UNITS

CH 101 GENERAL CHEMISTRY-LAB 4.0 UNITS

CH101 General Chemistry I (laboratory) 4 credits Fundamental principles of chemistry including atomic structure, the periodic system, kinetic molecular theory, properties of elements and compounds, chemical equilibrium, reaction kinetics, and chemical thermodynamics. A strong background in mathematics is required. Prerequisite: High school GPA ≥ 3.0 or MT151 with a grade of C- or above or permission of instructor.

CH 211 ORGANIC CHEMISTRY I-LAB 4.0 UNITS

CH211–212 Organic Chemistry I and II (laboratory) 4 credits each Principal classes of aliphatic and aromatic compounds, with emphasis on class reactions and structural theory. Laboratory exercises include the preparation and purification of selected organic compounds. Prerequisite: CH102.

CH 321 BIOCHEMISTRY - LAB 4.0 UNITS

CH321 Biochemistry (laboratory) 4 credits A basic course in biochemistry concerned with the structure, synthesis and metabolism of carbohydrates, proteins, and lipids. Prerequisites: BI212, CH211 Alternate years

(CIT)

CIT 140 Electronic Spreadsheets 3.0 UNITS

CIT140 Electronic Spreadsheets 3 credits Students learn to solve real-world application problems by organizing data, performing mathematical operations, producing charts, and presenting well-designed worksheets using an electronic spreadsheet package such as MS Excel. The emphasis is on a project-oriented approach.

CIT 140 ELECTRONIC SPREADSHEETS 3.0 UNITS

CIT140 Electronic Spreadsheets 3 credits Students learn to solve real-world application problems by organizing data, performing mathematical operations, producing charts, and presenting well-designed worksheets using an electronic spreadsheet package such as MS Excel. The emphasis is on a project-oriented approach.

(CJ)

CJ 101 INTRODUCTION TO CRIMINAL JUSTICE 3.0 UNITS

CJ101 Introduction to Criminal Justice 3 credits An overview of the various facets of the criminal justice system, points of harmony and conflict with society, processing of offenders, punishment and its alternatives, current issues in criminal justice, and the future of the criminal justice system. Addresses GLE Learning Outcomes Social Sciences (SS), Critical Thinking (CT), and Information Literacy (IL).

CJ 203 **JUVENILE JUSTICE** **3.0 UNITS**

CJ203 Juvenile Justice 3 credits Examines the juvenile justice system in the United States, the measurement of delinquency (types of offenders and trends), juveniles and the police, intake and pre-adjudicatory processing, classification and preliminary treatment, waivers and other alternatives, prosecutorial decision making in juvenile justice, the adjudicatory process and dispositional alternatives, the legal rights of juveniles, nominal sanctions, warnings, diversion and standard probation, juvenile probation and community-based cased alternatives, and juvenile corrections, custodial sanctions and parole, Addresses GLE Learning Outcomes Social Sciences (SS), Critical Thinking (CT) and Information Literacy (IL).

CJ 210 **Courts and Criminal Procedure** **3.0 UNITS**

CJ210 Courts and Criminal Procedure 3 credits This courses examines major aspects of the U.S. criminal court system such as jurisdiction, policies, and procedures of state and federal trial and appellate courts in the administration of criminal justice. The course includes an examination of the guiding principles of criminal law and procedures. The politics of judicial selection and judicial decision-making, ethnic relations that affect the law will also be discussed. Extensive consideration of past and current constitutional issues through review of relevant U.S. Supreme Court decisions.

CJ 221 **Corrections** **3.0 UNITS**

CJ221 Corrections 3 credits An introduction to sociological theory and research of prisons and community-based correctional programs. Attention is given to both classical and contemporary analyses of such issues as management, prison violence, subcultures and penal policy.

CJ 301 **CRIMINAL INVESTIGATION & EVIDENCE** **3.0 UNITS**

CJ301 Criminal Investigation and Evidence 3 credits The art and science of criminal investigation, including arrest techniques and the detection and documentation of crime, crime scene procedures, collection and preservation of evidence, interviews and interrogations, techniques of surveillance, and presentation of evidence in court. Covers ethics, the basic concepts of criminal law and the rules of evidence, principles of criminal responsibility, elements of major crimes, burden of proof and presumptions. Includes the implications of the Amendments to the U.S. Constitution on such matters as police practices, the investigator's role in court, illegal search and seizure, and right to counsel. Also covers the politics of race relations by examining key court decisions. Prerequisite: CJ201 must be completed with a grade of C or higher.

CJ 330 **Spc Top CJ:Sex Crimes** **3.0 UNITS**

CJ330 Special Topics in Criminal Justice 3 credits This course provides an in depth examination of a limited or specialized area within the criminal justice field. The content of the course will vary according to the area of specialization of the instructor and the interest of the students. Students may repeat this course for additional credit if the content is different. Prerequisites: CJ101 and SO101 or permission of the instructor.

CJ 340 **GENDER, RACE, AND CRIME** **3.0 UNITS**

CJ340 Gender, Race, and Crime 3 credits Empirical research and theoretical perspectives form the basis of this seminar's exploration of gender, race, and crime and the implications of criminal laws, criminal justice practices and programs. The social status of racial/ethnic minorities, women and girls, and men and boys are explored in relation to victimization, perpetration of crime, policing, courts, sentencing, corrections and the juvenile justice system. The course includes an examination of the intersection of gender and race and the underlying historical, social, economic, and cultural conditions that impact women and racial/ethnic minorities. Special issues covered include hate crimes, sexual violence, substance use, racial profiling, and disproportionate minority confinement. Prerequisites: SO205, CJ101, or CJ203 or permission of the instructor.

CJ 345 **Criminology** **3.0 UNITS**

CJ345 Criminology 3 credits A critical study of the qualitative and quantitative methods and the classical and contemporary theories used to research and explain crime as a social phenomenon. The course also explores ways that our knowledge about crime can guide social policy. Prerequisites: SO318 and SO321.

CJ 470 **SENIOR CRIMINAL JUSTICE SEMINAR** **3.0 UNITS**

CJ470 Senior Criminal Justice Seminar 3 credits This capstone course provides a critical analysis of many issues in the criminal justice system. Consideration is given to multiculturalism, women in the criminal justice system, ethics, corruption, justice/injustice, major forces that shape the system, crimes, excessive force, sentencing, jail overcrowding, victimology and public policy. Prerequisites: Senior Criminal Justice major, CJ345.

CJ 499 **Independent Study Criminal Justice** **3.0 UNITS**
CJ499 Independent Study in Criminal Justice 3 credits Offers the student an opportunity to explore an area of study not included in the catalog listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor. Students are permitted to take this course one time only, and the course will count as an elective in the Criminal Justice major. Prerequisites: Junior standing, cumulative GPA of 3.0.

(COMM)

COMM 110 **Journalism 1** **3.0 UNITS**
COMM110 Journalism 1 3 credits Students learn and practice basic skills essential to effective news writing. Ethics and current issues in journalism are discussed in depth.

COMM 120 **Introduction to Media Production** **3.0 UNITS**
COMM120: Introduction to Media Production 3 credits Designed to introduce students to the techniques of media production by familiarizing students with the basic operations of audio recording equipment, and single-camera video production equipment (camcorders and digital editing software). Each student will gain experience in the pre-production (planning, writing, scheduling, casting), production (shooting, recording), and post-production (editing, audio sweetening) of various single-camera genres. Fall, Spring.

COMM 130 **Introduction Media Studies** **3.0 UNITS**
COMM 130 Introduction to Media Studies 3 credits Focuses on media literacy as a perspective from which we view media messages. It proceeds from the basic awareness that all media consumption is fundamentally an exercise in interpretation and leads up to the abilities to critically appreciate diverse media messages and to accept social responsibility for engagement with media producers. Addresses GLE Learning Outcome for Social Sciences (SS), Critical Thinking (CT) and Information Literacy (IL).

COMM 130 **Introduction to Media Studies** **3.0 UNITS**
COMM 130 Introduction to Media Studies 3 credits Focuses on media literacy as a perspective from which we view media messages. It proceeds from the basic awareness that all media consumption is fundamentally an exercise in interpretation and leads up to the abilities to critically appreciate diverse media messages and to accept social responsibility for engagement with media producers. Addresses GLE Learning Outcome for Social Sciences (SS), Critical Thinking (CT) and Information Literacy (IL).

COMM 202 **Internship in Communication** **1.0 UNIT**
COMM202 Internship in Communication 1-6 credits These field-based experiences allow students to work with media specialists in a professional setting to enhance their employment potential upon graduation, ideally with pre-approval by a Communication faculty internship advisor. An agreement is drawn up and approved by the student, the supervisor, the Communication faculty internship advisor, and the College Coordinator of Visual and Performing Arts. Students should consult with the faculty internship advisor on the academic requirements before starting the internship. The course grade is assigned by the Communication faculty internship advisor in consultation with the supervisor. Credits are based upon the work hours completed (minimum of 40 hours per credit); a maximum of 6 credits may be earned per term. A student may take up to 15 credits towards graduation credit. Prerequisites: completion of COMM210, COMM220, COMM221, and COMM230, or permission of faculty advisor.

COMM 202 **Internship in Communication** **4.0 UNITS**
COMM202 Internship in Communication 1-6 credits These field-based experiences allow students to work with media specialists in a professional setting to enhance their employment potential upon graduation, ideally with pre-approval by a Communication faculty internship advisor. An agreement is drawn up and approved by the student, the supervisor, the Communication faculty internship advisor, and the College Coordinator of Visual and Performing Arts. Students should consult with the faculty internship advisor on the academic requirements before starting the internship. The course grade is assigned by the Communication faculty internship advisor in consultation with the supervisor. Credits are based upon the work hours completed (minimum of 40 hours per credit); a maximum of 6 credits may be earned per term. A student may take up to 15 credits towards graduation credit. Prerequisites: completion of COMM210, COMM220, COMM221, and COMM230, or permission of faculty advisor.

COMM 211 **Broadcast Journalism I** **3.0 UNITS**
COMM211 Broadcast Journalism I 3 credits This introductory course has a strong focus on writing for radio and television news. Emphasis on researching and writing multiple radio and on-camera reads to strengthen these skills. Each students will also gain experience in digital photography, image editing, writing and producing digital slide shows. Prerequisite: COMM110 and COMM120, or permission of instructor.

COMM 215 Sports Reporting 3.0 UNITS

COMM215 Sports Reporting 3 credits This hands-on course teaches high standards, ethical behavior and professional conduct in fact gathering, interviewing and writing about sports. Students will practice jargon-free, unbiased reporting as they cover campus sports, at times using new forms of digital coverage. Prerequisite: COMM110

COMM 232 Understanding Film 3.0 UNITS

COMM232 Understanding Film 3 credits Examines film as a cultural text, focusing on aspects such as genre, movement, and style, and elements such as scriptwriting, story structure, character development, cinematography, editing, and sound. Students will examine how each of these elements contributes to influencing the viewing experience. Files screened are primarily classic American films, but current Hollywood, experimental, or international films may also be included. Addresses GLE Learning Outcomes Arts and Design (AD), Oral Communication (OC), and Creative Thinking (CV). Prerequisite: GLE110.

COMM 235 Intercultural Communication 3.0 UNITS

COMM235 Intercultural Communication 3 credits This course exposes students to theories and concepts with the field, and fosters understanding of key differences between cultures. It examines how intercultural interactions affects identities of people, and their relationships interpersonally and globally. Addresses GLE Learning Outcomes Social Sciences (SS), Critical Reading (CR), Critical Thinking (CT), and Intercultural Knowledge (IK).

COMM 310 Convergent Journalism 3.0 UNITS

COMM310 Convergent Journalism 3 credits Students will gain the knowledge and practice to enable them to work in a variety of professional settings where an ability to write clearly and effectively, as well as the capacity to use visual and digital skills, are essential. Students will work in teams and individually as they practice the various roles found in the modern workplace. Prerequisites: COMM210 or permission of instructor

COMM 321 Single-Camera Production 3.0 UNITS

COMM321 Single-Camera Production 3 credits This intermediate course is designed to further develop the students' conceptual and technical skills in single-camera video production. Students will take part in all stages of the production of ENG (Electronic News-Gathering) and EFP (Electronic Field Production) programs. Each student will gain experience in the pre-production (planning, writing, scheduling, casting), production (shooting, recording), and post-production (editing, audio sweetening) of various single-camera genres. Prerequisite: COMM220 and COMM221 or permission of instructor. Every other Spring Semester.

COMM 336 Gender and Media Representation 3.0 UNITS

COMM336 Gender and Media Representation 3 credits This course is devoted to the critical analysis of representations of gender in normative mass media content. It explores the ways in which popular cultural representations reinforce, create, and challenge societal gender roles through the examination of various mediated forms from advertising and television to film and broadcast news coverage. Prerequisite: COMM 130 or permission of instructor.

(DMD)

DMD 105 Digital Design Foundations 3.0 UNITS

DMD105 Digital Design Foundations 3 credits This course introduces students to design principles and techniques through exercises, lectures, and projects. Digital Design Foundations covers the basics of image creation and editing, typography, page layout, the use of color, and basic web design. This course introduces three essential software programs: image editing, vector graphics, and web design software. In addition to exploring the basics of each program individually, students learn how to integrate them in stages culminating in a final, production-ready website.

DMD 120 User Experience & Interface Design 3.0 UNITS

DMD120 User Experience and Interface Design 3 credits The interface between everyday users and the World Wide Web has expanded beyond the browser window. User experience is the human experience and therefore must be mindful of how we navigate space, process information, and communicate with each other. This course delves deeper into the processes and technologies that serve as the building blocks of modern web design. As the availability and variety of internet-connected devices has grown, so too has the need to think beyond the desktop and deliver an effective, efficient, and satisfying user experience across screens of all shapes and sizes.

(DS)

DS 101 Introduction to Documentary Studies 3.0 UNITS

DS 101 Introduction to Documentary Studies 3 credits This course is open to all students interested in learning to make documentary videos and/or pursuing the Certificate in Documentary Studies. The course covers the history of the documentary tradition, looks at selections from past classics as well as contemporary works and new trends in the field to learn the craft by example, and introduces students to various documentary approaches, the research methods, storytelling techniques and ethical and legal issues relevant to the creation of video and audio documentaries and provides students with hands-on opportunity to make their own short documentary. Addresses GLE Learning Outcomes Arts and Design (AD), Creative Thinking (CV), and Applied Learning (AL).

(ED)

ED 105 EDUCATIONAL PSYCHOLOGY 3.0 UNITS

ED105 Educational Psychology 3 credits This course is designed to provide the student with an in-depth background in the patterns of normal human growth and development among children and adolescents and its implications for learning and education. A general understanding of exceptionalities among children and youth to age 21 will be explored. Topics include human development, learning, cognition, motivation, individual differences, and group processes. Addresses GLE Learning Outcomes Social Sciences (SS) and Critical Thinking (CT).

ED 105 EDUCATIONAL PSYCHOLOGY 3.0 UNITS

ED105 Educational Psychology 3 credits This course is designed to provide the student with an in-depth background in the patterns of normal human growth and development among children and adolescents and its implications for learning and education. A general understanding of exceptionalities among children and youth to age 21 will be explored. Topics include human development, learning, cognition, motivation, individual differences, and group processes. Addresses GLE Learning Outcomes Social Sciences (SS) and Critical Thinking (CT). This course is often taught simultaneously with ED506. Requirements for completion of this course for graduate credit are more rigorous. Relevant course requirements for your academic level can be found in the course syllabus.

ED 112 TEACH/LEARN IN A DEMOCRATIC SOCIETY 3.0 UNITS

ED112 Teaching and Learning in a Democratic Society 3 credits This course examines conceptions of ‘democratic ways of life’ and how communities and schools work to sustain democracy in a diverse society. Current issues in education are investigated from social, historical and philosophical points of view in local and global contexts. Topics include Equal Educational Opportunity and the federal Every Student Succeeds Act (ESSA); implementation of the Common Core State Standards; 21st Century skills with a focus on technology. Qualities and skills of teachers as leaders for equity and excellence in education are explored. Addresses GLE Learning Outcomes Critical Reading (CR), Critical Thinking (CT), and Social Sciences (SS).

ED 224 DESIGN/MGMT TEACH & LEARN ENVIRON 3.0 UNITS

ED224 Design and Management of the Learning Environment 3 credits Focuses on teaching methods and theories, school classroom organizational structures, and management techniques. Students will design assessable objectives and a variety of types of lesson plans. Reflective journaling will be introduced and practiced. Course includes supervised experiences in teaching students in school settings; observation and implementation of curricula; and scheduled seminars for discussing and critiquing practicum experiences. Professional attire and travel to local schools are required for this course. 30 hours of field experience is required.

ED 231 PRIMARY LITERACY 3.0 UNITS

ED231 Primary Literacy 3 credits This course focuses on the developmental characteristics of children as they learn language and literacy. Students learn to plan theory-informed instruction in the Language Arts for grades K-3 aligned with the Common Core State Standards. Topics include reading foundations (print concepts, phonological awareness, phonics and word recognition, and fluency); balanced instruction in reading literature and informational text, writing for different purposes, and assessment. The importance of school/family partnerships is explored. Prerequisite: ED105 or ED112. 15 hours of field experience is required.

ED 308 INTRODUCTION TO ASSESSMENT 3.0 UNITS

ED308 Introduction to Assessment 3 credits Students will be introduced to forms of assessment used in classroom teaching, as well as how to make evidence-based decisions as part of a collaborative team of educators. Students evaluate the effectiveness different kinds of assessments and examine the benefits and challenges of assessments in a variety of contexts. Students will understand the process of assessment from asking good questions through “closing the loop” and will discuss test creation, reliability and validity as it relates to assessment work. Prerequisite: ED 224.

ED 316 METHODS TEACH SOCIAL STUDIES 3.0 UNITS

ED316 Methods in Teaching Social Studies 3 credits Students will explore curriculum models and topics for social studies in grades K-8. They will review periods of history and diverse geographic areas through children's literature. Concepts of culture will be explored through art and music. Unit plans will incorporate a variety of qualitative assessment devices. Emphasis will be placed on strategies that encourage critical thinking, creative thinking, and media literacy. Prerequisite: ED224 or instructor permission. 15 hours of field experience is required.

ED 328 Special Education Law 3.0 UNITS

ED328 Special Education Law 3 credits This course emphasizes laws pertaining to students with disabilities. It is mandatory for education majors. Laws covered are IDEA 2004, N.H. Rules for the Education of Children with Disabilities, Assistive Technology Act, ADA, Section 504, and NCLB. Students work in teams for selected assignments. Course is appropriate for regular and special educators. Prerequisite: ED312 or instructor permission.

ED 360 Best Practices in Secondary Context 3.0 UNITS

ED360 Best Practices in Secondary Contexts 3 credits This course is designed as the capstone course for all prospective middle/secondary education teachers and must be taken prior to student teaching. Candidates will focus on high school best practices in their area of certification/concentration. Topics will be differentiated by certification to include: literacy, media, classroom management, safety, assessment. Prerequisite: Senior or junior standing with approval of Education Advisor and College Coordinator. 30 hours of field experience is required

ED 462 General Special Ed Student Teaching 7.0 UNITS

ED462 General Special Education Student Teaching 7 credits This is an 8 week culminating, capstone experience. It involves a sequentially developed program of observation, participation, and full immersion teaching in an approved public or private school setting. Students who have already successfully completed 16 weeks of elementary student teaching, with a customized plan for the second eight weeks, will have worked closely with the Placement Coordinator to ensure a concentration of field hours in at least two of the three required levels (K-3, 4-8, 9-12) for this K-12 certification. The Capstone Coordinator will secure this last placement for a concentrated experience in general special education. Insights into case management, push-in/pull-out support, IEP meetings, teaching materials and their use, lesson plans, units, and curriculum delivery are developed during this experience. Classroom management and discipline skills are strengthened. Daily travel is required. Students are responsible for their own transportation. Student teachers follow the public school calendar, not the Franklin Pierce calendar. Prerequisites: "Good Standing" in the program, permission of the Placement Coordinator and the Division Chair; satisfactory completion of all required Education courses, cumulative GPA of at least 2.50, and a passing score on all sections of the Praxis Core exams.

ED 463 Gen Special Ed Student Teaching Sem 1.0 UNIT

ED463 General Special Education Student Teaching Seminar 1 credit To be taken concurrently with ED462 General Special Education Student Teaching. It is comprised of weekly, in-person or through technology, student teaching debriefing sessions focusing on ongoing issues during the 8-week student teaching experience. Students complete the Education Portfolio focused on Teacher Education Standards (ED610s). Job search strategies and interview skills will be developed.

ED 483 STUDENT TEACHING SEMINAR:ELEMENTARY 1.0 UNIT

ED483 Elementary Student Teaching Seminar 1 credit To be taken concurrently with ED490 Elementary Student Teaching. It is comprised of weekly student teaching debriefing sessions focusing on ongoing issues during the 16-week student teaching experience. Students complete the Education Portfolio focused on Teacher Education Standards (ED610s). Job search strategies and interview skills will be developed, including writing a cover letter and resume. Students are expected to take Praxis II exams (fee required) Fall/Spring

ED 487 STUDNT TEACH SEM/SECONDARY 1.0 UNIT

ED487 Secondary Student Teaching Seminar 1 credit To be taken concurrently with ED492 Secondary Student Teaching. It is comprised of weekly student teaching debriefing sessions focusing on ongoing issues during the 16-week student teaching experience. Students complete the Education Portfolio focused on Teacher Education Standards (ED610s). Job search strategies and interview skills will be developed, including writing a cover letter and resume. Students are expected to take Praxis II exams (fee required) Fall/Spring

ED 490 STUDENT TEACHING:ELEMENTARY 14.0 UNITS

ED490 Elementary Student Teaching 7 or 14 credits A 16-week sequentially developed program of observation, participation, and classroom teaching in an approved public or private school for elementary certification (14 credits). Students seeking elementary certification will spend eight weeks in a K-3 classroom and eight weeks will be in a grade 4-8 classroom. An 8-week placement in grade 1-4 classroom may be selected by students seeking dual certification (7 credits). Insights into teaching materials and their use, lesson plans, units, and curriculum development are developed during this experience. Classroom management and discipline skills

are strengthened. Daily travel is required. Students are responsible for their own transportation. Prerequisites: “Good Standing” in the program, permission of the Program Director, completion of all required Education courses, cumulative GPA of at least 2.50, and a passing score on all three sections of the Praxis I exams. Fall/Spring

ED 492 STUDENT TEACHING:SECONDARY 14.0 UNITS

ED492 Secondary Student Teaching 14 credits Students experience two 8-week sequentially developed placements in a middle school and a high school. These placements encompass observation, participation, and classroom teaching in an approved public or private school. Insights into teaching materials and their use, lesson plans, units, and curriculum development are developed during this experience. Classroom management and discipline skills are strengthened. Daily travel is required. Students are responsible for their own transportation. Prerequisites: “Good Standing” in the program, permission of the Program Director; completion of all required Education courses, cumulative GPA of at least 2.50, and a passing score on all three sections of the Praxis I exams. Fall/Spring

(EN)

EN 110 Many Voices: Multicultural Lit 3.0 UNITS

EN110 Many Voices: Multicultural Literature 3 credits A survey of minority literatures, including African-American, Chinese-American, Native American, and others. Addresses GLE Learning Outcomes Humanities (HM), Critical Reading (CR), and Intercultural Knowledge (IK).

EN 115 BANNED BOOKS 3.0 UNITS

EN115 Banned Books 3 credits Explores the phenomenon of book banning. It will take a critical look at historical/cultural circumstances surrounding specific instances of book banning throughout the world. Several banned books will be read. Addresses GLE Learning Outcomes Humanities (HM), Technology Literacy (TL) and Written Communication (WC).

EN 203 INTRODUCTION TO BRITISH LITERATURE 3.0 UNITS

EN203 Introduction to British Literature 3 credits A survey course that treats major authors and works of English literature from the beginning to the present day.

EN 210 INTRODUCTION TO LITERARY STUDIES 3.0 UNITS

EN210 Introduction to Literary Studies 3 credits An introduction to various genres, the course trains students in methods for analyzing and understanding literature; how to write about literature and develop vocabulary appropriate to literary study. Prerequisite: IC105 or GLE110 or permission of the instructor.

EN 215 Slavery: Literature and Legacy 3.0 UNITS

EN215 Slavery: Literature and Legacy 3 credits Selected literary works from enslaved people in the Americas, Africa, the Caribbean, and Asia, read with attention to cultural and political themes stemming from the struggle with the heritage of colonialism and human trafficking. Addresses GLE Learning Outcomes Humanities (HM), Critical Reading (CR), and Intercultural Knowledge (IK).

EN 232 The Teaching of Writing 3.0 UNITS

The Teaching of Writing 3 credits Examines current theories of the composing process with emphasis on information generating, audience awareness, error analysis, and the evaluation of writing. Students design writing assignments for grades K-12 and beyond and write using forms and subjects of their own choice. Prerequisites: GLE110.

EN 235 FICTION WORKSHOP 3.0 UNITS

EN235 Fiction Workshop 3 credits A course in the basic techniques of fiction writing. Readings from major works selected for their relevance. Prerequisites: EN220 or permission of the instructor.

EN 270 WOMEN WRITERS 3.0 UNITS

EN270 Women Writers 3 credits A study of selected works by significant female writers, including at least one work outside the British and American tradition. Addresses GLE Learning Outcomes Humanities, Critical Reading, Critical Thinking and Ethical Reasoning.

EN 492 THE SENIOR SEMINAR 3.0 UNITS

EN492 The Senior Seminar 3 credits Required of all English majors. The seminar will be oriented around a particular literary figure or figures, topics, or genres. Prerequisites: EN203, EN204 and EN210.

(ES)

ES 320L WETLAND ECOLOGY/PROTECTION-Lecture 0.0 UNITS

ES320 Wetland Ecology and Protection Examines the plants, animals, soils, hydrology, and chemistry of different wetland types. The course will include the study of wetland-watershed interactions, and of the methods of wetland protection. Prerequisite: ES101 or ES103 or BI218.

ES 103 INTRO ECOSYS & WILDLIFE CONSERV-LAB 4.0 UNITS

ES103 Introduction to Ecosystem & Wildlife Conservation 4 credits Using real-world data from local and global sites, students will explore the issues related to species conservation around the world. Issues of habitat destruction, pollution, invasive species, overhunting and human overpopulation will be investigated, as well as basic concepts of evolution, biogeography and human attitudes towards the environment. Students will examine trends in biodiversity, and learn how ecosystems can be preserved, managed and restored in order to save wild biodiversity and create a sustainable society. Addresses GLE Learning Outcomes Natural Sciences(NS), Critical Thinking(CT) and Inquiry & Analysis(IA). Note: ES103 is the first of a two-semester laboratory science sequence with ES104.

ES 103 INTRO ECOSYS & WILDLIFE CONSERV-LAB 4.0 UNITS

ES103 Introduction to Ecosystem & Wildlife Conservation 4 credits Using real-world data from local and global sites, students will explore the issues related to species conservation around the world. Issues of habitat destruction, pollution, invasive species, overhunting and human overpopulation will be investigated, as well as basic concepts of evolution, biogeography and human attitudes towards the environment. Students will examine trends in biodiversity, and learn how ecosystems can be preserved, managed and restored in order to save wild biodiversity and create a sustainable society. Addresses GLE Learning Outcomes Natural Sciences(NS), Critical Thinking(CT) and Inquiry & Analysis(IA). Note: ES103 is the first of a two-semester laboratory science sequence with ES104.

ES 103 INTRO ECOSYS & WILDLIFE CONSERV-LAB 4.0 UNITS

ES103 Introduction to Ecosystem & Wildlife Conservation 4 credits Using real-world data from local and global sites, students will explore the issues related to species conservation around the world. Issues of habitat destruction, pollution, invasive species, overhunting and human overpopulation will be investigated, as well as basic concepts of evolution, biogeography and human attitudes towards the environment. Students will examine trends in biodiversity, and learn how ecosystems can be preserved, managed and restored in order to save wild biodiversity and create a sustainable society. Addresses GLE Learning Outcomes Natural Sciences, Critical Thinking and Inquiry & Analysis. Note: ES103 is the first of a two-semester laboratory science sequence with ES104.

ES 108 Honors Nature and Culture 3.0 UNITS

ES108 Nature and Culture 3 credits This introductory course seeks to answer the question: what are the current types of relationships between nature and culture and what might these relationship look like to better protect natural resources, such as land, water and soil? The course draws from several disciplines that are traditionally designated as humanities. We critique a variety of literature to understand the diverse ways humans value the natural environment; we examine the ethical dilemmas inherent in environmental problems; we investigate traditional and current understanding of nature among different cultures; and, we review the political discourse of different environmental issues and their policy implications. Addresses GLE Learning Outcomes Humanities (HM), Critical Thinking (CT) and Intercultural Knowledge (IK).

ES 108 Nature and Culture 3.0 UNITS

ES108 Nature and Culture 3 credits This introductory course seeks to answer the question: what are the current types of relationships between nature and culture and what might these relationship look like to better protect natural resources, such as land, water and soil? The course draws from several disciplines that are traditionally designated as humanities. We critique a variety of literature to understand the diverse ways humans value the natural environment; we examine the ethical dilemmas inherent in environmental problems; we investigate traditional and current understanding of nature among different cultures; and, we review the political discourse of different environmental issues and their policy implications. Addresses GLE Learning Outcomes Humanities (HM), Critical Thinking (CT) and Intercultural Knowledge (IK).

ES 210 EVOLUTION OF ENVIRONMENTAL THOUGHT 3.0 UNITS

ES210 Evolution of Environmental Thought 3 credits Surveys human understanding of and attitudes toward the natural environment as expressed by naturalists and writers from the 1600s to the present. Emphasis is placed on the development of these ideas as it took place in North America. Prerequisites: permission of instructor; sophomore, junior, or senior standing.

ES 236 ENVIRONMENTAL EDUCATION AND CITIZEN 3.0 UNITS

ES236 Environmental Education and Citizen Engagement 3 credits This course is designed for environmental studies or environmental science majors as a critical course for preparing students for careers doing non-formal education and citizen engagement about environmental issues. Topics covered in the course will enhance the student's ability to develop and deliver programs appropriate for a targeted audience (e.g. 5th graders versus town stakeholders). New advances in education and citizen engagement will be discussed to give the student an appreciation of this relatively new field. Students will create an education tools and techniques portfolio that they can utilize in the workplace upon graduation.

ES 302 SUSTAINABILITY PROJECT 3.0 UNITS

ES302 Sustainability Project 3 credits This project course will connect the students with the individuals and resources needed to complete their Sustainability project successfully. The Coordinator will also make sure that the student demonstrates how he or she is applying the knowledge and skills from the Green Earth courses to the project. Prerequisite ES202

ES 307 Natural Resources Law and Policy 3.0 UNITS

ES307 Natural Resources Law and Policy 3 credits Provides an overview of administrative law, common law, federal and state environmental statutes and regulatory policy affecting the environment. Emphasis will be on management of wetland and pollution. Prerequisites: ES103 or BI101 or BI102 or by permission of the instructor.

ES 320 WETLAND ECOLOGY AND PROTECTION 4.0 UNITS

ES320 Wetland Ecology and Protection (laboratory) 4 credits Examines the plants, animals, soils, hydrology, and chemistry of different wetland types. The course will include the study of wetland-watershed interactions, and of the methods of wetland protection. Prerequisite: ES101 or ES103 or BI218.

ES 490 ENVIRON ISSUES: SR CAPSTONE PROJECT 4.0 UNITS

ES490 Environmental Issues: Senior Capstone Project 3 Credits The Environmental Issues Senior Capstone Project allows Environmental Science and Environmental Studies majors to collaborate on a project designed to help solve an environmental problem. Students will choose the project and lay the groundwork in ES480 Junior Seminar the previous spring. The projects allow the students to take a multi-disciplinary, inquiry-based approach to the issue. Facilitated by the faculty, students get out into the field and meet community members and environmental professionals. Students apply the skills and knowledge learned in earlier classes to a real-world situation. All students will develop individualized pathways within the larger project, to conduct research, devise a plan, and do the actual work to implement their solutions. Prerequisites: ES480, CIT222, MT151, or higher, and have Senior status.

ES 499 INDEPENDENT STUDY ENVIRONMENTAL SCI 4.0 UNITS

ES299, 399, 499 Independent Study in Environmental Science 2-6 credits Independent study offers an opportunity to explore an area of study not included in the catalog listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.00 and possess the appropriate background and interest to pursue the proposed area of study. A "Proposal for Independent Study" form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

(ET)

ET 101 PRINCIPLES OF MACROECONOMICS 3.0 UNITS

ET101 Principles of Macroeconomics 3 credits An introduction to macroeconomics, focusing on the measurements of economic well-being, the source of economic growth, and the fiscal and monetary policies of national governments. Topics from international economics, such as exchange rates, will be introduced. Addresses GLE Learning Outcomes Social Sciences (SS), Critical Thinking (CT), Inquiry & Analysis (IA)

ET 102 PRINCIPLES OF MICROECONOMICS 3.0 UNITS

ET102 Principles of Microeconomics 3 credits This introduction to microeconomics begins with an overview of the forces of supply and demand, then moves to a study of market structure and game theory. Applications to business decision-making will be used throughout the course. Addresses GLE Learning Outcomes Social Sciences (SS), Critical Thinking (CT), Inquiry & Analysis (IA) Fall, Spring

FA 101 TWO-DIMENSIONAL DESIGN 3.0 UNITS

FA101 Two-Dimensional Design 3 credits An investigation of the fundamentals of design on a two-dimensional surface and within a rectilinear format. Central aspects of basic, compositional design such as unity, variety and balance, as well as the formal elements of design such as line, color and texture are explored and applied to solving problems of design. Addresses GLE Learning Outcomes Arts & Design(AD), Creative Thinking(CT) and Problem Solving(PS).

FA 201 DRAWING I 3.0 UNITS

FA201 Drawing I An introduction to observational drawing methods and practices. Through the use of line, shape, form and value students will develop an ability to work with both analytical and expressive approaches to drawing. Subjects may include- still-life, landscape, interior space, and the figure. Common drawing media will be employed; these may include, graphite, charcoal, ink, and chalk. Addresses GLE Learning Outcomes Arts & Design (AD) and Creative Thinking (CV).

FA 204 Watercolor Painting 3.0 UNITS

FA204 Watercolor Painting 3 cr This is an introductory course in the use of aqueous media. It will include the history and development of the medium as well as the variety of techniques and approaches. This will give students the techniques and visual vocabulary relevant to the use of this transparent painting medium. It will include the basics of color theory, color mixing and its use. The course will include lectures, readings, demonstrations, in and out of class work and critiques. Fulfills the GLE Learning Outcomes of Art and Design, Creative Thinking and Applied Learning.

FA 217 Intro to Photographic Processes 3.0 UNITS

FA217 Introduction to Photographic Processes 3 credits An introductory level course that explores the art of photography including film and basic digital image making with an emphasis on the creative process in the context of the history of photography. The elements of camera operation, film development and composition will be learned through a series of assignments and critiques that will result in a portfolio of images presented as a portfolio at the end of the course. Students must provide their own fully adjustable (f/stops and shutter speeds) digital camera or adjustable 35 mm film camera. Addresses the GLE Learning Outcomes of Arts and Design (AD) and Creative Thinking (CV) and Applied Learning (AL).

FA 221 CERAMICS I 3.0 UNITS

FA221 CERAMICS I 3 credits This course introduces students to the basic skills and creative process of making forms on the wheel and with hand-building techniques within the context of ceramic history and contemporary practice. The fundamentals of glazing and firging will be demonstrated and practiced. Students will complete a portfolio of finished pieces to be evaluated at the end of the semester. Addresses GLE Learning Outcomes Arts & Design (AD) and Creative Thinking (CV).

FA 227 Photographic Processes II 3.0 UNITS

FA227 Photographic Processes II 3 credits This studio course builds on the digital and analogue photographic imaging processes learned in Introduction to Photographic Processes. Assignments synthesize approaches incorporating various imaging methods to produce a portfolio of analogue and/or digital images suitable for exhibition and/or publication. Students begin to develop a personal voice through research, synthesis and conceptual actualization. Prerequisite: FA217.

FA 231 PAINTING I 3.0 UNITS

FA231 Painting I 3 credits Introduction to painting on paper, panels and stretched canvas. Characteristics, application and techniques of painting are emphasized along with methods of rendering space and forms in space. Subjects may include still life, landscape, the human form and genre. Addresses GLE Learning Outcomes Arts & Design (AD), Applied Learning (AL) and Creative Thinking, (CT)

FA 235 PRINTMAKING I 3.0 UNITS

FA235 Printmaking I 3 credits An introduction to the methods and materials of printmaking techniques: the art of image making using a plate or substrate to transfer an image to paper. This will include relief, collograph, etching, and computer-generated images for the development of unique multiples. The course will include the use of scanned and digitally altered images as a means for creating intaglio prints. Addresses GLE Learning Outcomes Arts and Design (AD), Applied Learning (AL) and Creative Thinking (CV).

FA 302 DRAWING II 3.0 UNITS

FA302 Drawing II 3 credits An expanded study of rendering of the still life, genre, landscape and human form which introduces foreshortening, forms in relation to space, and the expressive potential of form. Employing the elements of line and value, work will be executed in a variety of black and white and colored media. Prerequisite: FA201

- FA 303 DRAWING III 3.0 UNITS**
 FA303–304 Drawing III and IV 3 credits each A further development toward mastering the methods and materials studied in Drawing I and II. Emphasis will be placed on developing original compositions through the study of old and modern masters. Prerequisite: FA302.
- FA 304 DRAWING IV 3.0 UNITS**
 FA303–304 Drawing III and IV 3 credits each A further development toward mastering the methods and materials studied in Drawing I and II. Emphasis will be placed on developing original compositions through the study of old and modern masters. Prerequisite: FA302.
- FA 310 Photographic Processes III 3.0 UNITS**
 FA310 Photographic Processes III 3 credits This studio course builds on the digital and analogue photographic imaging processes learned in Introduction to Photographic Processes. Assignments synthesize approaches incorporating various imaging methods to produce a portfolio of analogue and/or digital images suitable for exhibition and/or publication. Students begin to develop a personal voice through research, synthesis and conceptual actualization. Prerequisite: FA227.
- FA 332 PAINTING II 3.0 UNITS**
 FA332 Painting II 3 credits A continuation of the study of basic painting, using oils and/or acrylics. Students are given the freedom to explore aspects of objective, non-objective and abstract painting, with emphasis given to applied theory. Prerequisite: FA231.
- FA 333 PAINTING III 3.0 UNITS**
 FA333–334 Painting III and IV 3 credits each Further continuation of the study of painting with emphasis given to the development of painting techniques required for expressing personal vision and individual areas of interest. Prerequisite: permission of instructor.
- FA 334 PAINTING IV 3.0 UNITS**
 FA333–334 Painting III and IV 3 credits each Further continuation of the study of painting with emphasis given to the development of painting techniques required for expressing personal vision and individual areas of interest. Prerequisite: permission of instructor.
- FA 335 PRINTMAKING II 3.0 UNITS**
 FA235–335 Printmaking I and II 3 credits each An introduction to the methods and materials of printmaking techniques, including relief, collograph, dry point, and computer-generated images for the development of unique multiples. The course will include the use of scanned and digitally altered images as a means for creating intaglio prints. Printmaking I meets the requirement for K through 12 certification for Art Education majors. Printmaking II will focus more closely on two or more methods of printmaking, and developing a cohesive series of editioned prints. Both black and white and color techniques will be covered. Prerequisite for level II: permission of instructor.
- FA 337 PRINTMAKING III 3.0 UNITS**
 FA337-338 Printmaking III and IV 3 credits each Advanced study of the concepts and techniques of printmaking to include multi plate and the combining of techniques learned in Printmaking I and II. In Printmaking IV, students will focus more deeply on one or more methods of printmaking: intaglio, relief or digital. An integration of images and techniques and research that allows for individual expression in the print medium will culminate in a portfolio of prints. Prerequisite: permission of instructor.
- FA 338 PRINTMAKING IV 3.0 UNITS**
 FA337-338 Printmaking III and IV 3 credits each Advanced study of the concepts and techniques of printmaking to include multi plate and the combining of techniques learned in Printmaking I and II. In Printmaking IV, students will focus more deeply on one or more methods of printmaking: intaglio, relief or digital. An integration of images and techniques and research that allows for individual expression in the print medium will culminate in a portfolio of prints. Prerequisite: permission of instructor.
- FA 405 DRAWING V 3.0 UNITS**
 FA405 Drawing V 3 credits Advanced study in traditional and contemporary drawing media and their relevant applications. Emphasis will be placed on developing a cohesive body of work in relation to student’s personal objectives and understanding the relationship of this work to historical and contemporary drawing practices. Prerequisite: FA304.

(FM)

FM 214 MANAGING YOUR MONEY 3.0 UNITS

FM214 Managing Your Money 3 credits This course focuses on applying the appropriate tools and strategies that help consumers make informed financial decisions in a world with increasing choice and complexity.

FM 224 PRINCIPLES OF FINANCIAL MANAGEMENT 3.0 UNITS

FM224 Principles of Financial Management 3 credits Provides an overview of the three major financial areas: the financial system, investments, and business finance. Students gain an integrated perspective of the interrelationships between financial markets, institutions and management.

FM 257 REAL ESTATE INVESTMENTS 3.0 UNITS

FM257 Real Estate Investments 3 credits Extensive look at broad classes of investments in real estate. Appraisal techniques, investment analysis, financing, and real estate law.

(GC)

GC 201 GRAPHIC DESIGN I 3.0 UNITS

GC201 Graphic Design I 3 credits An introduction to the basic concepts of graphic communications, with emphasis on the creative process and use of tools and techniques. Addresses GLE Learning Outcomes Arts & Design (AD), Creative Thinking (CV) and Oral Communication (OC).

GC 302 GRAPHIC DESIGN II 3.0 UNITS

GC302 Graphic Design II 3 credits Development of students planning to be designers. Application of design principles to reflect the range of assignments in a studio, agency, or in-house design situation. Students will start on the creation of an ongoing portfolio. Work created in this class as well as in other classes will be analyzed for inclusion. Prerequisite: GC201 and GC272 or permission of instructor.

(GL)

GL 115L THE OCEANS-LECTURE 0.0 UNITS

GL115 Global Change: The Oceans 4 credits History has shown that science provides a powerful methodology by which we as human beings can come to understand the natural world. Using this theme of global change – specifically, looking at the planet-wide changes now occurring in the oceans and looking at the link between these changes and changes in the atmosphere – students will become more familiar with some of the major scientific concepts relating to this set of issues, how these concepts have developed, and how scientists continue to revise these ideas. Students will be able to understand and interpret scientific information and be able to make reasoned decisions, as voting citizens, based on that information. The Oceans course will consider topics related to ocean origins, structure, sediments, water chemistry, atmospheric and oceanic circulation, waves, tides, coasts, and marine life. This course combines lab, lecture and discussion. Addresses GLE Learning Outcomes Natural Sciences (NS), Inquiry & Analysis (IA) and Technology Literacy (TI).

GL 205L ENVIRONMENTAL GEOLOGY-LECTURE 0.0 UNITS

GL 115 GLOBAL CHANGE: THE OCEANS-LAB 4.0 UNITS

GL115 Global Change: The Oceans 4 credits History has shown that science provides a powerful methodology by which we as human beings can come to understand the natural world. Using this theme of global change – specifically, looking at the planet-wide changes now occurring in the oceans and looking at the link between these changes and changes in the atmosphere – students will become more familiar with some of the major scientific concepts relating to this set of issues, how these concepts have developed, and how scientists continue to revise these ideas. Students will be able to understand and interpret scientific information and be able to make reasoned decisions, as voting citizens, based on that information. The Oceans course will consider topics related to ocean origins, structure, sediments, water chemistry, atmospheric and oceanic circulation, waves, tides, coasts, and marine life. This course combines lab, lecture and discussion. Addresses GLE Learning Outcomes Natural Sciences (NS), Inquiry & Analysis (IA) and Technology Literacy (TI).

GL 115 GLOBAL CHANGE: THE OCEANS-LAB 4.0 UNITS

GL115 Global Change: The Oceans 4 credits History has shown that science provides a powerful methodology by which we as human beings can come to understand the natural world. Using this theme of global change – specifically, looking at the planet-wide changes now occurring in the oceans and looking at the link between these changes and changes in the atmosphere – students will become more

familiar with some of the major scientific concepts relating to this set of issues, how these concepts have developed, and how scientists continue to revise these ideas. Students will be able to understand and interpret scientific information and be able to make reasoned decisions, as voting citizens, based on that information. The Oceans course will consider topics related to ocean origins, structure, sediments, water chemistry, atmospheric and oceanic circulation, waves, tides, coasts, and marine life. This course combines lab, lecture and discussion. Addresses GLE Learning Outcomes Natural Sciences (NS), Inquiry & Analysis (IA) and Technology Literacy (TI). Sciences, Inquiry & Analysis and Technology Literacy.

GL 205 ENVIRONMENTAL GEOLOGY-LAB 4.0 UNITS

GL205 Environmental Geology (laboratory) 4 credits Provides a broad overview of the environmental impacts associated with resource extraction and use, with soil use, and with water use. Particular attention is paid to the roles of human population growth and growth in per capita consumption in these various environmental impacts. Prerequisite: GL101 or ES101 or ES103.

(GLE)

GLE 101 FYI Archaeology of Monadnock Region 3.0 UNITS

GLE101 FYI Archaeology of the Monadnock Region 3 credits Students will travel back in time by exploring archaeological sites in the Monadnock Region, excavating local Native American sites dating back to 8,000 years before present, learning the basics of professional archaeology and how to work with developers, state agencies, and environmental scientists to discover and protect archaeological sites. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI The Art of Resiliency 3.0 UNITS

GLE101 FYI The Art of Resiliency: International Students 3 credits Designed for International Students, this course will focus on how to make the most of your Franklin Pierce experience inside and outside the classroom through an in-depth examination of resiliency. We will focus on the field of resilience research, including evidence-based cognitive, emotional, interpersonal skills. Students will conclude the course with a variety of usable resiliency skills. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI Launching Your Business Career 3.0 UNITS

GLE101 FYI Launching Your Business Career 3 credits This course covers the following business-related topics, developing a Business Mindset as well as understanding basic economics. We spend time looking at the Global Marketplace. The course reviews the art and science of marketing, also entrepreneurship and small business ownership. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI The Value of Design Thinking 3.0 UNITS

GLE101: FYI The Value of Design Thinking 3 credits Many industries including healthcare, science, education, communications, and media use Design Thinking to better understand their clients and each other. Design Thinking is a process that challenges assumptions and redefines problems. In this class, students will engage in hands-on projects and create innovative, human-centered solutions. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students'

possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI Eating Animals 3.0 UNITS

GLE101: FYI Eating Animals 3 credits Humans have a unique relationship with both wild and domestic animals – we eat them, we live with them, we are entertained by them, and we use them for medical experimentation. This course will examine this relationship and think about whether our relationship to animals must change as we face a climate emergency. Classes will be dynamic with hands-on activities, lectures, and discussion First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI: Artificial Intelligence 3.0 UNITS

GLE101 FYI: Artificial Intelligence 3 credits This class explores the impact of technology on our daily lives. Is technology changing our lives for the better? How do we know? Using multiple types of media, we will explore various topics including robotics, lifestyle tech, algorithms, and big data. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 Honors FYI Pathology & Wellness US 3.0 UNITS

GLE101 FYI Pathology Wellness in the US 3 credits Healthcare in the U.S. and the world is progressing at a rapid pace. There are also many challenges to providing optimal care to all. Medical advancements over the decades will be the focus of this Health Science FYI course. Specifically designed for students majoring in Health Science, a consistent thread of inquiry and analysis of science literature will run through our group projects, presentations, and guided discussions with the overall aim at promoting critical thinking. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 Honors FYI This Land is MY Land 3.0 UNITS

GLE101 Honors FYI This Land is MY Land 3 credits This course centers on America's epic immigrant story from Colonial settlement to today's border walls. Using historical narratives and digital resources, we explore immigrant encounters with Native Americans, the American Dream, ethnic stereotypes and sports, and why some immigrant groups proved more welcome than others. Who gets to say: This Land is MY Land? First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

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GLE 101 FYI Medical Advancements 3.0 UNITS

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GLE 101 FYI Psychology of Being Human 3.0 UNITS

GLE101 FYI Psychology of Being Human 3 credits Life can be tough! No matter who you are, where you live, or how much money you do (not) have, we all experience stress and trauma both psychologically and biologically. How do we rise above it? In this class we will learn how to better deal with our own stress and to understand others. This class is for anyone who interacts with other humans. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI Experienc Race, Class & Gender 3.0 UNITS

GLE101 FYI Experiencing Race, Class & Gender in the US 3 credits Who Are You? The way we may answer this question depends on many factors that make up ourselves, the lived experience of race, ethnicity, religion, gender, sexuality, and socioeconomic class. Through stories, essays, poetry, and critical analysis students will examine and explore the many aspects of Identity, Power, and Change in the United States. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI Critical Think about Politics 3.0 UNITS

GLE101 FYI Critical Thinking about Politics 3 credits Social media have become Americans' most popular sources of news and information about politics and the political process. Algorithms and memes have enabled the digital public to be easily influenced and to reside in echo chambers. We will explore techniques to question our own political beliefs and the influencers who shape them. In the

process, we will better learn to navigate the enormous world of information on domestic issues and foreign affairs. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI What is Life for? 3.0 UNITS

GLE101 FYI What is Life for? 3 credits This is an opportunity to ask some big questions about life's meaning, justice, democracy, education and what it means to live well as members of a community. By studying and discussing transformative texts throughout history and their relation to life today, students find their voice and learn to live lives of purpose and social responsibility. First Year Inquiry is a required course for all first-year students at Franklin Pierce University. Students select one of approximately twenty academically-engaging, inquiry-based topics based on their interests. Each section, regardless of theme, works on improving students' academic skills, and addresses three goals of a Franklin Pierce Education---information literacy, inquiry and analysis, and career exploration. Readings, writing assignments, and activities are used to stimulate thinking about inquiry and decisions about students' possible career opportunities. Students may not withdraw from the course; they may repeat it in the spring of the freshmen year. Students must pass this course to demonstrate proficiency in the skills coded for this course. Addresses GLE Learning Outcomes Career Exploration, Inquiry & Analysis and Information Literacy

GLE 101 FYI: What is Life For? 3.0 UNITS

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GLE 110 First Year Composition I 3.0 UNITS

GLE110 First Year Composition I 3 credits First Year Composition I is the first in a series of two courses for those who must excel in reading and writing at the college-level. The central question is, "How well does the writing respond to the needs of audience(s)?" Students will learn to attend to the context and purpose for the writing and select credible, relevant sources to develop ideas as well as refine the ability to analyze and comprehend texts. Addresses GLE Learning Outcomes Critical Reading (CR) and Written Communication (WC). Some sections of GLE 110 are designated as T-sections, Composition I Tutorial, designed to give students the support they need to succeed in GLE 110 and move on to succeed in GLE 120, Composition II. GLE110 T-sections include 3 hours of class time, MWF. Attendance at one tutoring session with the class-linked tutor four times during the semester is required. All writing projects, consisting of at least three drafts, will also include direct instruction on vocabulary and grammar for each of the 4-5 class papers.

GLE 110 Honors First Year Composition I 3.0 UNITS

GLE110 First Year Composition I 3 credits First Year Composition I is the first in a series of two courses for those who must excel in reading and writing at the college-level. The central question is, "How well does the writing respond to the needs of audience(s)?" Students will learn to attend to the context and purpose for the writing and select credible, relevant sources to develop ideas as well as refine the ability to analyze and comprehend texts. Addresses GLE Learning Outcomes Critical Reading (CR) and Written Communication (WC). Some sections of GLE 110 are designated as T-sections, Composition I Tutorial, designed to give students the support they need to succeed in GLE 110 and move on to succeed in GLE 120, Composition II. GLE110 T-sections include 3 hours of class time, MWF. Attendance at one tutoring session with the class-linked tutor four times during the semester is required. All writing projects, consisting of at least three drafts, will also include direct instruction on vocabulary and grammar for each of the 4-5 class papers.

GLE 200 THE TWENTIETH CENTURY: A GLOBAL APP 3.0 UNITS

GLE200 The Twentieth Century: A Global Approach 3 credits Examines the twentieth century, an era that has been characterized by change. This includes change in political boundaries, technological capability, response to religion, philosophy and the arts, and change in how people think. The course examines some of the major events of the century from different perspectives, in order to try and gain understanding of the period and its change. The goals of the course include: a fundamental understanding of the major events that shaped

the century; a sense of the sources of contemporary problems; exposure to artistic and cultural developments and their historical context; the development of a chronological sense of the century; and an extension of the world view beyond ethnocentric limitations. Addresses GLE Learning Outcomes Humanities, Critical Thinking and Intercultural Knowledge.

GLE 205 AMERICAN SOUNDSCAPE 3.0 UNITS

GLE205 American Soundscape 3 credits This course is designed to examine how musical expressions are manifested in particular moments of the United States of America's history, society and culture. Special attention will be given to how the nature, form, function and content of the music are a reflection of the political, economic, aesthetic, historical, social and cultural milieu. The music and songs of the United States of America will be approached with a pedagogy that is both analytical and critical through the use of the historical sources, primary documents, recordings and performances. Addresses GLE Learning Outcomes Humanities (HM), Critical Thinking (CT) and Intercultural Knowledge (IK).

GLE 210 ANCIENT AND MEDIEVAL WORLDS 3.0 UNITS

GLE210 Ancient and Medieval Worlds 3 credits Ancient and Medieval Worlds is a General and Liberal Education course which addresses three Learning Outcomes of a Franklin Pierce Education: Humanities Knowledge and Understanding, Critical Thinking, and Intercultural Knowledge. This course is structured as a Pilgrimage in which participants journey, chronologically, through time, in order to experience significant historical and cultural aspects of the ancient Greek, Roman, and medieval European societies. If you enjoy learning about the past and are curious to discover how historical events have influenced the ways we interact, think, and seek happiness in the modern world, then this is the course for you. Addresses GLE Learning Outcomes Humanities (HM), Critical Thinking (CT) and Intercultural Knowledge (IK). Prerequisite: Sophomore Status.

GLE 230 Second-Year Composition LA 3.0 UNITS

GLE 230 Second-Year Composition 3 cr GLE 230 Second-Year Composition is the second writing-intensive course required of all undergraduates at the University, offering discipline-specific sections serving a variety of academic interests. The course emphasizes persuasive and researched writing, revision, and composing in various forms and media. Students will continue to develop reading comprehension, rhetorical knowledge and facility with the writing process as well as the conventions of Standard Academic English in both writing and presentation. Addresses GLE Learning Outcomes for Written Communication (WC) and Oral Communication (OC), as well as opportunities to further develop Information Literacy (IL) and Inquiry and Analysis (IA). Prerequisite: C or better in GLE110.

(HCA)

HCA 201 INTRODUCTION TO HEALTHCARE MGMT 3.0 UNITS

HCA201 - Introduction to Health Care Management (3 credits) This course introduces the contemporary and historical nature, organization, functions, policies, processes, structures, tasks, roles, and personnel within the complex inter-related healthcare systems in the United States. Global healthcare systems and perspectives will also be explored. It includes a general overview of fundamental management principles and practices within the healthcare environment, as well as the ever-changing infrastructure of the health-services industry. Current political, economic, ethical, professional, legal, financial, patient, and technological topics will be explored

(HS)

HS 132 REEL HISTORY: AMERICAN STORIES FILM 3.0 UNITS

HS 132 Reel History: American Stories on Film 3 credits How is history portrayed on film? How do Hollywood blockbusters, cult favorites and thought-provoking documentaries represent historical episodes and events? In this course, modern American history is explored through the media of film. Using constructions of race, class, gender, and sexuality, we examine cinematic depictions of topics such as slavery, the World Wars, the Counterculture, women's rights and recent history through the fascinating world of film. Addresses GLE Learning Outcomes Humanities (HM), and Intercultural Knowledge (IK).

HS 202 AMER HISTORY/SLAVERY & CIVIL WAR 3.0 UNITS

HS202 American History in the Age of Slavery and the Civil War 3 credits An examination of the critical period from 1815 to the end of Reconstruction in 1877. Topics include early industrialization, Jacksonian politics, slavery and abolition, women's rights movement, territorial expansion, Civil War, and the Reconstruction of the South. Addresses GLE Learning Outcomes Humanities (HM), Critical Reading (CR), and Written Communication (WC).

HS 203 War & Peace Mod America 1877-1945 3.0 UNITS

HS203 Emergence of Modern America, 1877–1945 3 credits During the period from the end of Reconstruction through World War II the United States became an urbanized, industrialized nation and a global power. To understand this transformation, the course will

examine the experience of African Americans in the South and Native Americans in the West, the struggles between labor and capital, the Progressive responses to industrial America, and the experience of women and immigrants. The paramount importance of World War I, the Great Depression, and World War II will also be explored along with the dynamic social and cultural impulses that marked the first half of the twentieth century.

HS 214 Popular History Today 3.0 UNITS

HS214 Popular History Today 3 credits This course acquaints students with the field of public history. The course will examine the various ways in which stories of the past are presented to the general public—for the benefit of the citizenry and in a public venue. It is especially useful for students considering careers in public service, historical museums, historic sites, historical societies, archives, historic preservation, digital history, and filmmaking. By gaining a familiarity with the professional standards and skills applicable in field, the course will also assist students seeking professional internships.

HS 224 RENAISSANCE TO NAPOLEON 3.0 UNITS

HS224 Renaissance to Napoleon 3 credits This course examines the history of Europe from the waning days of the Middle Ages through the early nineteenth century. During this period Europe underwent a series of profound changes as it made the transition from the medieval period to the modern era. To understand these changes, the course will focus on several major topics, including the Renaissance, the Reformation and Counter-Reformation, absolutism, the Enlightenment, the French Revolution, European expansion, global warfare, and the emergence of the modern nation-state. Addresses GLE Outcomes Humanities (HM), Written Communication (WC), and Intercultural Knowledge (IK).

HS 319 HISTORY OF NEW ENGLAND 3.0 UNITS

HS319 History of New England 3 credits A regional history of New England, covering pre-contact Native American culture, the Pilgrim and Puritan migrations, role of New England in the American Revolution, and the process of early industrialization. Unique aspects of New England life and cultural contributions will also be examined and the urbanization and diversification of New England in the 19th century.

HS 340 IRELAND SINCE 1500 3.0 UNITS

HS340 Ireland Since 1500 3 credits Students will become immersed in the Gaelic medieval world, the evolving relationship with England, native Irish culture and arts, the Irish language, the foundations of the present Republic, and the search for an end to long-established political divisions. Explores the popularity of Irish arts and literature in the later twentieth century.

HS 375 Topics: Native American History 3.0 UNITS

HS375 Topics in American History 3 credits Study of an American historical topic chosen by the professor. .

HS 410 History Research Seminar 3.0 UNITS

HS410 History Research Seminar 3 credits Required of all History majors. The seminar will be oriented around a broad topic chosen by the professor and fitted to the research needs of students in the History major concentrations. Prerequisite: limited to Junior and Senior History majors. s.

HS 450 HISTORY SENIOR PORTFOLIO ASSESSMENT 1.0 UNIT

HS450 History Senior Portfolio Assessment 1 credit Students will complete and present their History major portfolio for evaluation by the faculty. Required of all History majors. Prerequisites: senior standing & History major.

(HU)

HU 101 Introduction to Human Services 3.0 UNITS

HU101 Introduction to Human Services 3 credits This course introduces the human services profession and interweaves contemporary themes of strength, human rights and social issues. It covers the three broad areas of practice in social work and human services (case work, group work and community organization), policy analysis and formulation, management issues, budgeting and grant writing. We also explore the different levels of social work (micro, mezzo and macro). The course content is centered on discussion and exercises based on cases from the different levels and areas of social work and human service advocacy

HU 450 Cont Social Problems in Hum Service 3.0 UNITS

HU450 Contemporary Social Problems in Human Services 3 cr Upon arrangement, seminars are offered which encourage in-depth exploration beyond the competency of introductory and intermediate levels. Prerequisites: HU101, junior class standing, or permission of the instructor.

(IB)

IB 364 International Business 3.0 UNITS
IB364 International Business 3 credits Essential elements of international business will be covered from the manager's viewpoint. Discussion will include the human and cultural environment of the multinational organization, foreign exchange, finance, trade barriers, etc. Prerequisites: ET101, FM224.

(ID)

ID 001 Intern/Indep/DS Pending 3.0 UNITS
ID001 is a placeholder course for all individualized courses of study (internship, independent study, or directed study). Students register for ID001 during their designated registration time. The appropriate paperwork must be completed, approved, and submitted by the last day of the add/drop period of the term/semester in which the course is to take place.

ID 491 Student Teaching I: Elementary 8.0 UNITS
ID491 Interdisciplinary Internship 1-12 credits This course is for students pursuing an internship opportunity outside of the student's major program. Internship level to be determined by student class standing and level of responsibility expected by internship. Credit hours to be determined by amount of hours required by internship, with a general guide being 45 hours of work equals 1 credit. The standard Internship Contract will have to be completed, submitted, and approved. Prerequisite: Sophomore standing

(LS)

LS 312 SPANISH-AMERICAN CULTURE&CIVILIZATE 3.0 UNITS
LS312 Spanish-American Culture and Civilization 3 credits A comprehensive survey of Spanish-American culture and civilization; Prerequisite: LS301 or permission of the instructor.

(MK)

MK 201 PRINCIPLES OF MARKETING 3.0 UNITS
MK201 Principles of Marketing 3 credits Integrates the various facets of marketing from research and planning to challenges faced in product development, distribution, pricing, and promotion of goods and services. Through in-class activities, students will view marketing problems and opportunities from different perspectives, and will practice applying marketing principles to an original product. Fall/Spring

MK 214 CONSUMER BEHAVIOR 3.0 UNITS
MK214 Consumer Behavior 3cr Focuses on the study of individuals, groups, organizations, and the processes they use to select, secure, use, and dispose of products. Prerequisite: completion of or simultaneous enrollment in GLE110.

MK 333 MARKETING RESEARCH 3.0 UNITS
MK333 Marketing Research 3 credits A study of basic marketing and social science research concepts and practices: research design, sampling, survey, observation and experimental research practices, data collection and analysis. Prerequisites: junior class standing. Fall

MK 335 PUBLIC RELATIONS 3.0 UNITS
MK335 Public Relations 3 credits Public relations are a significant component of a market communication plan, and are often used to introduce new products/services before significant advertising expenditures occur. This course explores options and strategies organizations and celebrities can pursue for the purpose of building goodwill, education, issues management, and crisis management for all stakeholders. Prerequisites: Junior class standing, or permission of instructor. Fall, odd years

MK 365 INTERNATIONAL MARKETING 3.0 UNITS
MK365 International Marketing 3 credits The structure of foreign as well as home-based marketing and the financial features of international marketing. Prerequisites: ET101, ET102, MK201, MN201. Fall, even years

MK 495 SENIOR INDEPENDENT PROJECT MKTING 4.0 UNITS
MK495 Senior Independent Project 4 credits The student will develop a project arranged with the assistance of the major advisor and the approval of the Chair of the Division of Business Administration. Projects include a thesis, business plan, or other significant research project. Prerequisites: declared major in the Business Division, senior class standing and permission of Division Chair.

(MN)

MN 201 PRINCIPLES OF MANAGEMENT 3.0 UNITS
MN201 Principles of Management 3 credits The process of coordinating the various resources of an organization toward the realization of its goals.

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MN 314 Human Resource Management 3.0 UNITS
MN314 Human Resource Management 3 credits The selection, training and management of personnel in private and public business. The procuring, developing, maintaining, and utilizing of an effective working team. Current practices and major problems of personnel administration. Prerequisite: MN201 (must be passed with a grade of C- or higher).

MN 321 ORGANIZATIONAL BEHAVIOR 3.0 UNITS
MN321 Organizational Behavior 3 credits Profit and non-profit organizations. Problems of meeting individual and group needs within organizations. Case histories are studied. Prerequisite: MN201 (must be passed with a grade of C- or higher).

MN 360 COMMUNICATION SKILLS FOR MANAGERS 3.0 UNITS
MN360 Communication Skills for Managers 3 credits All of the writing elements concerning management activity will be examined including memos, good news/bad news letters, and résumés. Verbal applications will be a major part of the class, as students will make a series of formal speeches.

MN 365 PRODUCTION & OPERATIONS MANAGEMENT 3.0 UNITS
MN365 Production and Operations Management 3 credits The production process and the problems encountered in the administration of a manufacturing organization. The quantitative and qualitative techniques used to solve the problems. Production facilities, product development, planning and scheduling, and quality control. Similarity of problems and solutions in service-providing organizations. Prerequisites: MT260, MN201 (must be passed with a grade of C- or higher).

MN 371 Entrepreneurship 3.0 UNITS
MN371 Entrepreneurship 3 credits Organizational structure, financing, accounting and budgeting, advertising, purchasing, risk management, and personnel administration. Prerequisite: AC101, MN201 (must be passed with a grade of C- or higher)

MN 390 Internship in Management 3.0 UNITS
MN390 Internship in Management 2–3 credits The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. This internship must be completed before the beginning of the student’s senior academic year, unless otherwise approved by the Division Chair. Prerequisites: junior class standing and permission of Division Chair.

MN 499 INDEPENDENT STUDY IN MANAGEMENT 3.0 UNITS
MN299, 399, 499 Independent Study in Management 2–3 credits each Offers an opportunity to explore an area of study not included in the catalog listing of approved courses. The topic of an Independent Study should be selected and carefully designed by the student and faculty sponsor, and must meet with the approval of the Division Chair. Normally, the student will be expected to have a cumulative grade point average of 3.00 and possess the appropriate background and interest to pursue the proposed area of study. A “Proposal for Independent Study” form may be obtained from the Registrar or from the office of the Division Chair. Independent Study courses are assigned numbers of 299, 399 or 499, depending on the level of the course.

(MT)

MT 221L CALCULUS I - LECTURE 0.0 UNITS

MT221 Calculus I 4 credits The real power of calculus, the Fundamental Theorem of Calculus, is developed early in the course. A combination of the intuitive and theoretical approaches to the fundamental concepts of single variable calculus is used throughout. Prerequisite: four years of high school mathematics. Addresses GLE Learning Outcomes Mathematics (MT), Problem Solving (PS) and Quantitative Literacy (QL).

MT 222L CALCULUS II-LECTURE 0.0 UNITS

MT222 Calculus II 4 credits The real power of calculus, the Fundamental Theorem of Calculus, is developed early in the course. A combination of the intuitive and theoretical approaches to the fundamental concepts of single variable calculus is used throughout. Prerequisite: four years of high school mathematics.

MT 102 Basic College Mathematics 3.0 UNITS

MT120 Basic College Mathematics 3cr This course introduces basic, introductory mathematics required to be successful in other courses in Math, Sciences, Health Sciences, Computer Information Systems, Business, Economics, and other fields. With the focus on fundamental concepts and problem solving skills, the course emphasizes solving real-world, practical problems. Technology tools are utilized where appropriate and available. Open to students from any major. Offered Fall, Spring.

MT 104 Contemporary Mathematics 3.0 UNITS

MT104 Contemporary Mathematics 3 credits This course aims to cultivate an understanding of mathematical reasoning, promote quantitative literacy, and develop problem solving skills by aiding the student in stating problems clearly, sorting out the relevant from the irrelevant, abstracting common properties from individual situations, and arguing coherently. Addresses GLE Learning Outcomes Mathematics, Problem Solving and Quantitative Literacy. Prerequisite: varies, depending upon prior mathematical background.

MT 130 MATHEMATICS FOR K-8 EDUCATORS 3.0 UNITS

MT130 Mathematics for Educators 3 credits Intended for students majoring in education and designed to help meet mathematics content standards from the New Hampshire Department of Education and to serve as a refresher in preparation for the Praxis Core Exams. Addresses GLE Learning Outcomes: Mathematics (MT), Problem Solving (PS) and Quantitative Literacy (QL)

MT 151 College Algebra 3.0 UNITS

MT151 College Algebra 3 credits Develops manipulative algebraic skills and mathematical reasoning required for further study and use in mathematical modeling. Emphasis is placed on the understanding of mathematical concepts, functions, and their graphs. College Algebra addresses GLE Outcomes Mathematics (MT), Quantitative Literacy (QL), and Problem Solving (PS).

MT 221 CALCULUS I - LAB 4.0 UNITS

MT221 Calculus I 4 credits The real power of calculus, the Fundamental Theorem of Calculus, is developed early in the course. A combination of the intuitive and theoretical approaches to the fundamental concepts of single variable calculus is used throughout. Prerequisite: four years of high school mathematics. Addresses GLE Learning Outcomes Mathematics (MT), Problem Solving (PS) and Quantitative Literacy (QL).

MT 222 CALCULUS II-LAB 4.0 UNITS

MT222 Calculus II 4 credits The real power of calculus, the Fundamental Theorem of Calculus, is developed early in the course. A combination of the intuitive and theoretical approaches to the fundamental concepts of single variable calculus is used throughout. Prerequisite: four years of high school mathematics.

MT 260 STATISTICS I 3.0 UNITS

MT260 Statistics 3 credits Collection, presentation, and interpretation of numerical data, frequency distributions, central tendency, dispersion, correlation, normal curve Approximation, t-distribution, and chi-square. Emphasis is on hypothesis testing. Prerequisite: 3 years of high school mathematics, IC201 or MT101. Addresses GLE Learning Outcomes Mathematics (MT), Problem Solving (PS) and Quantitative Literacy (QL).

MT 260 STATISTICS I 3.0 UNITS

MT260 Statistics 3 credits Collection, presentation, and interpretation of numerical data, frequency distributions, central tendency, dispersion, correlation, normal curve approximation, t-distribution, and chi-square. Emphasis is on hypothesis testing. Addresses GLE

MU 155 Rap I 2.0 UNITS

MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the “private instruction” requirement in the Music major and minor. Though, all students are welcome to register.

MU 156 Pep Band I 1.0 UNIT

MU156-MU456 Pep Band 1 credit The band rehearses and performs a wide variety of music, drawing from numerous popular genres and artists in American contemporary and traditional music. While a primary function of the band is to support our school’s athletic organizations, we also proudly and publicly represent Franklin Pierce University, serving as an ambassador for the music department and the university as a whole.

MU 157 BASS GUITAR I 2.0 UNITS

Applied Music: Performance (Fee for non-majors) Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 158 BASS GUITAR II 2.0 UNITS

Applied Music: Performance (Fee for non-majors) Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 159 FLUTE I 2.0 UNITS

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 160 FLUTE II 2.0 UNITS

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 167 JAZZ ENSEMBLE I 1.0 UNIT

MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII 1 credit each Open to all musicians in the College community, with or without previous jazz experience. Repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. Prerequisite: permission of instructor.

MU 168 JAZZ ENSEMBLE II 1.0 UNIT

MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII 1 credit each Open to all musicians in the College community, with or without previous jazz experience. Repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. Prerequisite: permission of instructor.

MU 169 CLARINET I 2.0 UNITS

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 170 CLARINET II 2.0 UNITS

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 175 ORGAN I 2.0 UNITS

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 176 ORGAN II 1.0 UNIT

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

MU 177	SAXOPHONE I	2.0 UNITS
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details		
MU 178	SAXOPHONE II	2.0 UNITS
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details		
MU 179	PERCUSSION I	2.0 UNITS
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details		
MU 180	PERCUSSION II	2.0 UNITS
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details		
MU 183	STRINGS I	2.0 UNITS
Applied Music: Performance		
MU 184	STRINGS II	2.0 UNITS
Applied Music: Performance		
MU 185	TRUMPET I	2.0 UNITS
Applied Music: Performance		
MU 186	TRUMPET II	2.0 UNITS
Applied Music: Performance		
MU 187	TROMBONE I	2.0 UNITS
Applied Music: Performance		
MU 188	TROMBONE II	2.0 UNITS
Applied Music: Performance		
MU 189	LOW BRASS I	2.0 UNITS
Applied Music: Performance		
MU 190	LOW BRASS II	2.0 UNITS
Applied Music: Performance		
MU 191	Vocal Ensemble I	1.0 UNIT
MU191–192, 291–292, 391–392, 491–492 Vocal Ensemble I–VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is require		
MU 192	Vocal Ensemble II	1.0 UNIT
MU191–192, 291–292, 391–392, 491–492 Vocal Ensemble I–VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is require		
MU 193	DOUBLE REEDS I	2.0 UNITS
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details		

- MU 194 DOUBLE REEDS II 1.0 UNIT**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 195 RECORDER I 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 196 RECORDER II 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 200 SOPHOMORE MUSIC PORTFOLIO 0.0 UNITS**
MU200 Sophomore Portfolio 0 credit This requirement is an assessment of the student's progress in the Music major and the baccalaureate program, through the student's portfolio. Prerequisites: MU151 and declared Music major.
- MU 203 PIANO III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 204 PIANO IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 205 GUITAR III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 206 GUITAR IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 207 VOICE III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 208 VOICE IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 209 Theory of Music II 2.0 UNITS**
MU151, 209, 309, 409 Theory of Music I-IV 2 credits each A multilevel course designed to teach Music Theory I-IV concurrently. All students will complete theory-based composition projects and assignments specific to their level. Critique of student compositions, ear training, and in-class analysis of specific pieces of music will provide a common point of discussion and learning. Musical examples will come from a variety of styles including Jazz, Folk, Popular, and Classical. MU209 Theory of Music II Includes the study of cadences and phrases, non-chord tones, the dominant seventh chord, the ii6 and vii6 chord, and other diatonic seventh chords. Prerequisite: MU151.
- MU 217 Rap II 2.0 UNITS**
MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the "private instruction" requirement in the Music major and minor. Though, all students are welcome to register.
- MU 218 HISTORY OF ELECTRONIC MUSIC 3.0 UNITS**
MU218 History of Electronic Music 3 credits Traces the history of electronic music, examining the impact of technology on artistic thought and the creative process in late 19th century, 20th century and current sonic art. Influential musicians, movements and venues

associated with electronic sound will be discussed including the Futurists, early electronic instruments, Varese, Cage, Stockhausen, Musique Concrète, Elektronische Musik, tape recorders, synthesizers, Text-Sound Art, radio plays, Minimalism, Sound Installation Art, Site-Specific Sound Compositions, Soundscape, Computer Music, algorithmic composition and Live Interactive Electronic Sound and Internet Audio. Students will regularly analyze important works in an effort to gain insight into processes utilized by composers working with technology. Addresses GLE Learning Outcomes Arts & Design (AD), Applied Learning (AL) and Creative Thinking (CV).

MU 219 MUSIC AND FILM 3.0 UNITS

MU219 Music and Film 3 credits This course explores how music has been used in film since the beginning of the film medium. The work of important film composers is studied and analyzed. Terminology for this process is also studied and students learn how to effectively judge film scores. Addresses GLE Learning Outcomes Arts & Design (AD), Applied Learning (AL), and Problem Solving (PS).

MU 220 ADVANCED RECORDING TECHNIQUES 3.0 UNITS

MU220 Advanced Recording Techniques 3 credits The skills required in Recording Techniques (MU120) will be further developed through five recording projects. These projects will focus on the recording of musical instruments, post-production mixing, and the study of equalization, compression and reverb. Listening skills will be developed through in-class aural analysis and the study of producers and their techniques. The study of acoustics and audio theory will give the student a scientific background in the skill of recording. Prerequisite: MU120

MU 227 Rap III 2.0 UNITS

MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the “private instruction” requirement in the Music major and minor. Though, all students are welcome to register.

MU 228 Rap IV 2.0 UNITS

MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the “private instruction” requirement in the Music major and minor. Though, all students are welcome to register.

MU 237 Contemporary Music Making II 2.0 UNITS

MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the “private instruction” requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.

MU 238 Contemporary Music Making III 2.0 UNITS

MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the “private instruction” requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.

MU 239 Contemporary Music Making IV 2.0 UNITS

MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the “private instruction” requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.

MU 256 Pep Band II 1.0 UNIT

MU156-MU456 Pep Band 1 credit The band rehearses and performs a wide variety of music, drawing from numerous popular genres and artists in American contemporary and traditional music. While a primary function of the band is to support our school’s athletic organizations, we also proudly and publicly represent Franklin Pierce University, serving as an ambassador for the music department and the university as a whole.

MU 257 BASS GUITAR III 2.0 UNITS

Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

- MU 258 BASS GUITAR IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 259 FLUTE III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 260 FLUTE IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 267 JAZZ ENSEMBLE III 1.0 UNIT**
MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII 1 credit each Open to all musicians in the College community, with or without previous jazz experience. Repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. Prerequisite: permission of instructor.
- MU 268 JAZZ ENSEMBLE IV 1.0 UNIT**
MU167–168, 267–268, 367–368, 467–468 Jazz Ensemble I–VIII 1 credit each Open to all musicians in the College community, with or without previous jazz experience. Repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. Prerequisite: permission of instructor.
- MU 269 CLARINET III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 270 CLARINET IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 275 ORGAN III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 276 ORGAN IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 277 SAXOPHONE III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 278 SAXOPHONE IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 279 PERCUSSION III 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 280 PERCUSSION IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

- MU 283** **STRINGS III** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 284** **STRINGS IV** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 285** **TRUMPET III** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 286** **TRUMPET IV** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 287** **TROMBONE III** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 288** **TROMBONE IV** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 289** **LOW BRASS III** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 290** **LOW BRASS IV** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 291** **Vocal Ensemble III** **1.0 UNIT**
 MU191–192, 291–292, 391–392, 491–492 Vocal Ensemble I–VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is require
- MU 292** **Vocal Ensemble IV** **1.0 UNIT**
 MU191–192, 291–292, 391–392, 491–492 Vocal Ensemble I–VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is require
- MU 293** **DOUBLE REEDS III** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 294** **DOUBLE REEDS IV** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 295** **RECORDER III** **2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

- MU 296 RECORDER IV 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 303 PIANO V 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 304 PIANO VI 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 305 GUITAR V 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 306 GUITAR VI 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 307 VOICE V 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 308 VOICE VI 2.0 UNITS**
Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 309 Theory of Music III 2.0 UNITS**
MU151, 209, 309, 409 Theory of Music I-IV 2 credits each A multilevel course designed to teach Music Theory I-IV concurrently. All students will complete theory-based composition projects and assignments specific to their level. Critique of student compositions, ear training, and in-class analysis of specific pieces of music will provide a common point of discussion and learning. Musical examples will come from a variety of styles including Jazz, Folk, Popular, and Classical. MU309 Theory of Music III Includes the study of secondary functions, modulation, larger forms, mode mixture and Neapolitan sixth chords. Prerequisite: MU209.
- MU 327 Rap V 2.0 UNITS**
MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the “private instruction” requirement in the Music major and minor. Though, all students are welcome to register.
- MU 328 Rap VI 2.0 UNITS**
MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the “private instruction” requirement in the Music major and minor. Though, all students are welcome to register.
- MU 337 Contemporary Music Making V 2.0 UNITS**
MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the “private instruction” requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.
- MU 338 Contemporary Music Making VI 2.0 UNITS**
MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the “private instruction” requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.

- MU 379 PERCUSSION V 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 380 PERCUSSION VI 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 383 STRINGS V 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 384 STRINGS VI 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 385 TRUMPET V 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 386 TRUMPET VI 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 387 TROMBONE V 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 388 TROMBONE VI 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 389 LOW BRASS V 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 390 LOW BRASS VI 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details
- MU 391 Vocal Ensemble V 1.0 UNIT**
 MU191–192, 291–292, 391–392, 491–492 Vocal Ensemble I–VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is require
- MU 392 Vocal Ensemble VI 1.0 UNIT**
 MU191–192, 291–292, 391–392, 491–492 Vocal Ensemble I–VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is require
- MU 393 DOUBLE REEDS V 2.0 UNITS**
 Applied Music: Performance Private music instruction is available for non-music majors for an additional fee. Music majors and minors taking required individual instruction will have the fee reversed. See Academic Catalog for full details

assigned readings. In class, students will report progress on projects, discuss their topics, give formal presentations, and receive feedback and guidance on completed projects. Regularly, we will critically listen to and discuss music related to each student's topic. This course may be taken up to three times and will be offered about once a year. Prerequisite: MU151 Theory of Music I.

MU 421 Seminar in Music III 3.0 UNITS

MU421 Seminar in Music III 3 credits This 3 credit course will use a seminar format to study a wide range of advanced topics related to Music Theory, Music Composition, Music History and Music Technology. With the professor's guidance, each student will choose a topic to study throughout the semester. The course work will include three substantial topic-specific projects, weekly study reports, and assigned readings. In class, students will report progress on projects, discuss their topics, give formal presentations, and receive feedback and guidance on completed projects. Regularly, we will critically listen to and discuss music related to each student's topic. This course may be taken up to three times and will be offered about once a year. Prerequisite: MU151 Theory of Music I.

MU 427 Rap VII 2.0 UNITS

MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the "private instruction" requirement in the Music major and minor. Though, all students are welcome to register.

MU 428 Rap VIII 2.0 UNITS

MU155 - MU428 Rap 2 credits This is an 8-level private instruction course that teaches the student how to rap. This course will teach both vocal and poetic skills, and is designed to be an option for students to fulfill the "private instruction" requirement in the Music major and minor. Though, all students are welcome to register.

MU 437 Contemporary Music Making VII 2.0 UNITS

MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the "private instruction" requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.

MU 438 Contemporary Music Making VIII 2.0 UNITS

MU154 - MU438 Contemporary Music 2 credits This is an 8-level private instruction course that focuses on original music composition in all its forms: songwriting, beat creation, film/game scoring, and concert music, among others. This course is designed to be an option for students to fulfill the "private instruction" requirement in the music major and minor. Though, all students are welcome to register. Offered every semester. No prerequisites for first level, then each level is a prerequisite for the next.

MU 451 SENIOR PROJECT MUSIC 3.0 UNITS

MU451 Senior Project 3 credits A culminating course for the major in music. Students will show an advanced level of substantial research, analytical or creative work that demonstrates proficiency in an area of musical interest and preparation. Students may choose from the areas of theory/ composition, history, technology or some combination of these for their project specialization. All project selections are subject to Departmental approval. Prerequisites: Senior status, declared major in Music.

MU 456 Pep Band IV 1.0 UNIT

MU156-MU456 Pep Band 1 credit The band rehearses and performs a wide variety of music, drawing from numerous popular genres and artists in American contemporary and traditional music. While a primary function of the band is to support our school's athletic organizations, we also proudly and publicly represent Franklin Pierce University, serving as an ambassador for the music department and the university as a whole.

MU 467 JAZZ ENSEMBLE VII 1.0 UNIT

MU167-168, 267-268, 367-368, 467-468 Jazz Ensemble I-VIII 1 credit each Open to all musicians in the College community, with or without previous jazz experience. Repertoire consists of combo style jazz, featuring composers of the 1940s to the present. Improvisation is emphasized and student composition and arrangements are encouraged. Prerequisite: permission of instructor.

MU 491 Vocal Ensemble VII 1.0 UNIT

MU191-192, 291-292, 391-392, 491-492 Vocal Ensemble I-VIII 1 credit each A mixed choral ensemble rehearsing and performing choral literature. Instruction in ear training and technical principles of performance are included. A concert is given at the end of each semester. Designed to give the maximum number of people an opportunity to experience musical performance. Choral Union is open to all students for credit or non-credit. No prior performance experience is necessary. However, minimal singing ability is required.

(NHC)

NHC 401	NHCUC Course	0.0 UNITS
NHC 601	NHCUC Course	0.0 UNITS

(PA)

PA 101	INTRODUCTION TO PHILOSOPHY	3.0 UNITS
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PA101 Introduction to Philosophy 3 credits Philosophy (the love of wisdom) is the systematic examination of essential questions. The course examines the following questions: What is Philosophy? What is real (Metaphysics)? How do we know (Epistemology)? What ought we to do (Ethics)? These questions are critically examined in the light of their formulation by influential thinkers and their relevance to contemporary issues. Addresses GLE Learning Outcomes Humanities (HM), Critical Reading (CR) and Critical Thinking (CT).

PA 209	ETHICAL REASONING	3.0 UNITS
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PA209 Ethical Reasoning 3 credits This course seeks to deepen student engagement with ethical reasoning while developing skills in value identification and formation by providing critical engagement with ethical theory and critical analysis of contemporary ethical problems. Theories to be considered include Kantianism, Utilitarianism and Virtue Ethics. Topics to be considered included punishment, violence, justice, and the environment. Addresses GLE Learning Outcomes Humanities (HM), Critical Reading (CR), Critical Thinking (CT), and Ethical Reasoning (ER). Prerequisite: Sophomore status.

(PH)

PH 101L	GENERAL PHYSICS I - LECTURE	0.0 UNITS
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PH101–102 General Physics I and II (laboratory) 4 credits each Designed to show the science of physics as a broadly-based intellectual activity that has firm historical roots and profoundly influences our whole culture. Through lectures, demonstrations, problem-solving, and laboratory activities the students will learn the basic concepts of physics (using a historical, mathematical and scientific approach). First semester covers the kinematics and dynamics of motion, momentum, work, power and energy, thermodynamics and fluid dynamics. Second semester covers waves and sound, light and optics, electricity and magnetism, quantum mechanics, and nuclear physics. (The topics are selected and arranged to progress from the simple to more sophisticated concepts and problem-solving skills.) Prerequisite: high school algebra. PH101 addresses GLE Learning Outcomes Natural Sciences (NS), Critical Thinking (CT) and Inquiry & Analysis (IA); PH102 addresses GLE Learning Outcomes Natural Sciences (NS), Problem Solving (PS) and Technology Literacy (TL).

PH 101	GENERAL PHYSICS I-LAB	4.0 UNITS
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PH101–102 General Physics I and II (laboratory) 4 credits each Designed to show the science of physics as a broadly-based intellectual activity that has firm historical roots and profoundly influences our whole culture. Through lectures, demonstrations, problem-solving, and laboratory activities the students will learn the basic concepts of physics (using a historical, mathematical and scientific approach). First semester covers the kinematics and dynamics of motion, momentum, work, power and energy, thermodynamics and fluid dynamics. Second semester covers waves and sound, light and optics, electricity and magnetism, quantum mechanics, and nuclear physics. (The topics are selected and arranged to progress from the simple to more sophisticated concepts and problem-solving skills.) Prerequisite: high school algebra. PH101 addresses GLE Learning Outcomes Natural Sciences (NS), Critical Thinking (CT) and Inquiry & Analysis (IA); PH102 addresses GLE Learning Outcomes Natural Sciences (NS), Problem Solving (PS) and Technology Literacy (TL).

(PO)

PO 111	POLITICS IN POPULAR CULTURE	3.0 UNITS
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PO111 Politics and Popular Culture 3 credits An investigation into the interactions between politics and popular culture in American society. Particular attention will be given to the role of the mass media and the popular arts in the political system. The objective is to draw important political lessons from questions about these relationships between culture and politics. Addresses GLE Learning Outcomes Humanities (HM), Ethical Reasoning (ER) and Intercultural Knowledge (IK).

PO 201	U.S. GOVERNMENT	3.0 UNITS
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PO201 U.S. Government 3 credits Examines the institutions, participants, and processes that characterize political activity in the United States. Focus is not only on the contemporary nature of American government but also on the original design of the Framers and how

it has been implemented over time. Addresses GLE Learning Outcomes: Civic Knowledge and Engagement (CE), Inquiry & Analysis (IA), Information Literacy (IL) and Social Science (SS)

PO 201 U.S. GOVERNMENT 3.0 UNITS
PO201 U.S. Government 3 credits Examines the institutions, participants, and processes that characterize political activity in the United States. Focus is not only on the contemporary nature of American government but also on the original design of the Framers and how it has been implemented over time. Addresses GLE Learning Outcomes: Civic Knowledge and Engagement, Inquiry & Analysis, Information Literacy and Social Science

PO 205 International Relations 3.0 UNITS
PO205 International Relations 3 credits Examines the actors, institutions, and processes that have shaped the political, military, economic, and social life of the planet in the post-World War II era. Particular attention is given to the role of the nation-state and the challenges to it posed by a variety of non-state actors. Major world issues such as overpopulation and ethnic conflict are explored in order to demonstrate that the complexities surrounding these phenomena make their solution problematic within the current global framework. Addresses GLE Learning Outcomes: Social Science (SS), Critical Thinking (CT) and Critical Reading (CR).

PO 322 Campaign, Election & Policy Process 3.0 UNITS
PO322 Campaigns, Elections, and the Policy Process 3 credits Inquiry and analysis into the operation of federal campaigns and elections; into the forces driving public and foreign policymaking; into the interactions between the electoral and policymaking processes; and into public opinion as cause and effect in both processes. All students participate in a practicum on election campaign strategy or on public/foreign policy decision making. In presidential election years, the practicum focuses on the New Hampshire Primary. Prerequisite: any PO class or Second Semester Freshman Status. Fall semester.

(PS)

PS 101 INTRODUCTION TO PSYCHOLOGY 3.0 UNITS
PS101 Introduction to Psychology 3 credits The application of psychological principles of learning, perception, cognition, motivation and social and developmental processes to the understanding of human behavior. Addresses GLE Learning Outcomes Social Sciences (SS), Inquiry & Analysis (IA) and Written Communication (WC).

PS 101 INTRODUCTION TO PSYCHOLOGY 3.0 UNITS
PS101 Introduction to Psychology 3 credits The application of psychological principles of learning, perception, cognition, motivation and social and developmental processes to the understanding of human behavior. Addresses GLE Learning Outcomes Social Sciences (SS), Inquiry & Analysis (IA) and Written Communication (WC).

PS 251 ABNORMAL PSYCHOLOGY 3.0 UNITS
PS251 Abnormal Psychology 3 credits An understanding of abnormal behavior from both an historical and contemporary perspective. Emphasis will be placed on the causes and diagnoses of anxiety, mood, and personality disorders, including treatment interventions. Prerequisite: PS101 and sophomore standing.

PS 260 STATISTICS FOR BEHAVIORAL SCIENCES 4.0 UNITS
PS260 Statistics for Behavioral Sciences 4 cr Quantitative analysis of behavioral measures including descriptive, correlational and inferential methods. Computer use and basic reporting of statistical results in accordance with American Psychological Association standards are included. If you are a Psychology major/minor, then you must earn a C- to take PS261. Addresses GLE Learning Outcomes Mathematics (MT), Problem Solving (PS), and Quantitative Literacy (QL).

PS 261 RESEARCH METHODS-LAB 4.0 UNITS
PS261 Research Methods in Psychology (Laboratory/Lecture) 4 credits The strategy and techniques of research design, applied statistical techniques, research report writing, and laboratory with field experience. Prerequisite: minimum C- in PS260.

PS 270 PSYCHOLOGY OF TERRORISM 3.0 UNITS
PS270 Psychology of Terrorism 3 credits An investigation into the psychological factors involved in terrorism. Topics include the psychological issues involved in the recruitment process, ideology, personality, motivation, obedience, conformity, influence/persuasion, and interpersonal relationships. Prerequisite: any social science course. Addresses GLE Learning Outcomes Social Sciences, Critical Thinking, Inquiry & Analysis and Information Literacy.

PS 303 PSYCHOLOGY OF LEARNING-LAB 4.0 UNITS

PS303 Psychology of Learning (Laboratory) 4 credits An evaluation of learning processes from an historical perspective through issues of current interest, and a review of the experimental research in the area. Topics include respondent, operant, physiological and information processing theories of learning. The laboratory provides “hands on” experience with the research; the student is responsible for an original research project. Prerequisite: PS261 (minimum grade of C-).

PS 304 INTRODUCTION TO NEUROSCIENCE-LAB 4.0 UNITS

PS304 Introduction to Neuroscience (laboratory) 3 + 1 credits A survey of the biological and chemical explanations of human behavior in learning, memory, sleep, personality, stress, addiction, and sexual functioning. The student is responsible for an original research project. Prerequisite: PS261 (minimum grade of C-) or 16 credits of Biology.

PS 318 PSYCHOLOGY OF INTELLIGENCE ANALYSIS 3.0 UNITS

PS318 Psychology of Intelligence Analysis 3 credits An investigation of the psychology of intelligence analysis. Topics include the psychological issues involved in gathering and analyzing information, sources of intelligence, and the United States Intelligence Community. Prerequisites: Junior status and any social science course, i.e., AN, ET, PO, PS, or SO.

PS 322 SOCIAL PSYCHOLOGY 3.0 UNITS

PS322 Social Psychology 3 credits An analysis of individual, group, and collective behavior from a psychological perspective. Topics include theories, methods and empirical data on conformity, compliance, attribution, social justification, mass persuasion, aggression, prejudice, and affiliation. Prerequisites: 9 credit hours of psychology, sociology, or anthropology, or permission of instructor.

PS 323 SEMINAR ON ADDICTION 3.0 UNITS

PS323 Seminar on Addiction 3 credits An explanation of the social, psychological and physiological factors associated with drug abuse and dependency. Other topics include the disease implications of drug dependency, models of treatment and recovery and approaches to community intervention. Prerequisites: 9 credit hours of psychology.

PS 340 TECHNIQUES OF COUNSELING I 3.0 UNITS

PS340 Techniques of Counseling I 3 credits Acquaints students with psychoanalytical, behavioral, cognitive, and humanistic techniques of counseling. Prerequisite: 9 credit hours of psychology.

PS 494 SENIOR SEMINAR IN PSYCHOLOGY 3.0 UNITS

PS494 Psychology Senior Seminar 3 credits A capstone course that assesses the student’s progress in achieving the goals of the psychology major, focusing on the ability to understand and communicate important concepts in psychology. Activities include student presentations on thesis and internship experiences, as well as a comprehensive exam in psychology. Prerequisites: PS261, senior standing and a Psychology major. Taken concurrently or subsequent to PS489, PS490, or PS495.

PS 495 SENIOR INTERNSHIP IN PSYCHOLOGY 3.0 UNITS

PS495 Senior Internship in Psychology 3–15 credits Qualified students work under supervision in a hands-on learning environment in the field to further their skills in psychology. Placements are limited, but opportunities are accorded students of exceptional ability. Prerequisites: 18 credit hours in psychology, senior standing, permission of advisor, acceptance by a sponsoring institution, and a 2.50 GPA. The GPA requirement may be waived with permission of the Psychology Department faculty.

(PUBH)

PUBH 101 Intro Pub Health & Health Service 3.0 UNITS

PUBH101 Introduction to Public Health and Health Services 3 credits Introduction to Public Health and Health Services provides an introduction into the tools needed to understand the basic science of public health, the biomedical basis of public health, including infectious disease transmission and containment. It explores the societal and behavioral determinants of health, impact of the environment on health, role of medical care system in meeting the needs of the population, and population level interventions aimed at improving and promoting health. Challenges faced by public health in the United States will be examined. Fall of each year

(SO)

SO 101 INTRODUCTION TO SOCIOLOGY 3.0 UNITS

SO101 Introduction to Sociology 3 credits An introduction to the major concepts, theories, methods, and perspectives in sociology as well as a survey of some areas of sociological investigation such as the social nature of personal identity as mediated through the influences of race, class, gender, national culture, and the forces of social change. Addresses GLE Learning Outcomes Social Sciences (SS), Inquiry & Analysis (IA) and Information Literacy (IL).

SO 318 Social Science Research Methods 3.0 UNITS

SO318 Social Science Research Methods 3 credits An introduction to the social science research procedures that collect data which are easily subject to statistical handling. It is designed to provide instruction and practice in methodological skills that include research design, techniques of data gathering, procedures for data analysis, and strategies for writing up of research findings. Prerequisite: Either SO101 or AN101. Note: Extensive statistical analysis and writing course.

SO 321 Social Science Computer Skills 1.0 UNIT

SO321 Social Science Computer Skills 1 credit An introduction to computer programs and resources that support research and writing in the social sciences. Students will practice data file management, data graphing and charting, citation and reference management, and techniques of procuring social science research and data.

(SPME)

SPME 101 Foundations of Sports Media 3.0 UNITS

SPME 101: Foundations of Sports Media 3 credits This course covers the relationships between sports industries, athletes, media, and audiences. After a brief study of the earliest “coverage” of sports during the ancient Olympic games, we will look at the evolution of sports communication from early sports writers, through early sports broadcast announcers, to the current age, where athletes create their own sports media via Twitter and other social media.

SPME 250 Sports Media Production 3.0 UNITS

SPME250 Sports Media Production 3 credits This course will give students hands-on experience producing various short form sports programs, such as feature stories, highlights, and news packages. Students will also produce a weekly sports news program focusing on coverage of university sports games and events. Prerequisites: SPME101, COMM221. Offered: Fall, Spring.

SPME 260 Spc Top: Race, Politics & Am Sports 3.0 UNITS

SPME260 Special Topics in Sports Media 3 credits This course focuses on in-depth exploration of either a timely or historical topic related to the intersection of sports and media. Students may repeat the course for additional credit if the topic is different. Prerequisite: SPME101..

(SR)

SR 100 Foundations of Sports & Recreation 3.0 UNITS

SR100 Foundations of Sports and Recreation 3 credits This course introduces the formal study of community, commercial, therapeutic, outdoor recreation and sport. Topics include an historical perspective of the importance of sport, recreation, leisure and play, types of agencies and organizations providing sport and recreation services, basic management techniques and problems associated with the field of sport, recreation and leisure; and current trends and future potential in the field. Note: SR100 must be completed with a C- or higher before additional SR courses may be taken. Fall and Spring

SR 202 Prin of Sport and Recreation Mgmt 3.0 UNITS

SR202 Principles of Sport and Recreation Management 3 credits The business of sports and recreation is interdisciplinary, and as such, this course will provide instruction and opportunity for hands-on learning of several business principles that are active in, and relevant to, topics pertinent within the sports and recreation industry. Accordingly, the topics to be examined throughout this course include, but are not limited to, sports and recreation leadership, teams, leagues, ownership, revenue sharing, facility operation, media, compensation, franchise valuation, Olympic sports, gender equity, ethical dilemma analysis, amateurism and reform. Prerequisite SR100,

SR 243 PROGRAMMING SPORTS/RECREATION MGMT 3.0 UNITS

SR243 Programming in Sports and Recreation Management 3 credits Program design and leadership techniques employed through hands-on activities. The realistic, ethical, and technical skills that a recreation manager should have in order to be successful in programming for various populations and in facilitating a variety of activities. Prerequisite: SR201 or may be taken in conjunction with SR100. Fall

SR 310 Sports & Recreation Marketing 3.0 UNITS

SR310 Sports and Recreation Marketing 3 credits This course will direct students to a better understanding of the theoretical backbone that makes marketing such a distinctive and vibrant component of the sports and recreation profession. Through the examination of real-world examples and practical application exercises, students will learn how to understand the tools and skills involved in marketing, evaluate marketing efforts, and use the strategies necessary for successful marketing campaigns in sports and recreation. Prerequisites: SR100, or declaration of marketing major or marketing minor Spring, odd years, or as needed

SR 357 Inclusive Sports & Recreation 3.0 UNITS

SR357 Inclusive Sports & Recreation 3 credits Inclusive Sports and Recreation provides the knowledge and skills that students will need to deliver programs and services to individuals with disabilities in their entry-level careers and also the ability to ensure that people of both sexes and all abilities, ages, cultures, ethnicities, races, and religions will be able to participate in the sports and recreation programs they provide. Prerequisite: SR243. May be taken concurrently. Spring, or as needed

SR 390 INTERNSHIP-SPORTS/RECREATION MGMT 3.0 UNITS

SR390 Internship in Sports and Recreation Management 2–3 credits The opportunity to gain experience in the administration of profit or non-profit organizations. The internship is taken after most of the major or minor requirements have been met, and in no case before the second semester of the junior year. The internship may be arranged with the assistance of the major internship advisor and/or the Chair of the Division of Business Administration. An agreement is drawn up and approved by the student, the proposed employer, the major internship advisor and Division Chair. Internships require a minimum of 55 hours of on-the-job work for each hour of credit. Evaluation is made by the major internship advisor and the Division Chair in consultation with the employer. The internship must be completed before the beginning of the student’s senior academic year, unless otherwise approved by the Division Chair. Prerequisites: junior class standing and permission of Division Chair.

(TH)

TH 131 DANCE MOVEMENT I 3.0 UNITS

TH131 Dance Movement I 3 credits Introduction to contemporary dance based on classical and modern forms, with beginning improvisational work leading to dance composition. Addresses GLE Learning Outcomes Arts & Design (AD), Creative Thinking (CV) and Problem Solving (PS).

(TR)

TR 010 TUTORIAL IN ESOL 1.0 UNIT

TR010 Tutorial in ESOL 1 credit An individual tutorial is available by arrangement for continuing students who seek assistance in a specific area.

(WL)

WL 115 INTRODUCTION TO WOMENS STUDIES 3.0 UNITS

WL115 Introduction to Women’s Studies 3 credits Focuses on the interdisciplinary analysis of women, culture, and society. Topics include: cultural images, socialization, media, sexuality, sexual orientation, work, family, politics, violence, inequality, and racial diversity. The course also examines feminist viewpoints, interdisciplinary studies, and the relationship of feminist concepts, methods, and modes of analysis to traditional academic disciplines.

