



OHIO
UNIVERSITY

Academic Year 2008-2009

First-Year Student Course Information Guide



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INTRODUCTION

This guide provides detailed information about first-year classes not available in other publications. This guide is intended **to supplement** the efforts of advisors and aid students in making reasonably informed choices about classes. Some first-year classes are not included in this guide either because the information was not provided, or the class requirements do not conform to the set of general categories used in this guide.

The guide should not be used to select courses based solely on the amount of reading indicated. The amount of reading required in a course should be only one factor considered in choosing courses. Reading ability, level of skill development, content type, and overall class work load are among the factors which should be considered when selecting courses. Reading 15 pages of technical or scientific material in one class, for example, might be as time consuming as reading 60 pages of literature or social science material in another class. Class selection should follow careful consideration of requirements, strengths, weaknesses, prior educational background, and **consultation with an academic advisor**.

The course information included in this guide is a general representation of the requirements for a particular type of course, i.e., a generic description of what might be expected of a student who enrolls in a course of that type. The course information which is listed should not be assumed to apply to all similar courses. Class size, instructional format, number of textbooks, amount of reading, number of papers required, types of examinations, number of examinations, etc. **WILL VARY BY PROFESSOR!** Average class enrollment also will vary according to a number of factors including the time of day the class is offered, limits on available equipment, departmental philosophy and so forth.

When more than one generic description was submitted for a class of the same type, responses for the additional classes are shown in brackets. If no response appears to the right of an item, either that information was not provided, or the item is not applicable to that class.

Students are encouraged to have frequent contact with their academic advisors to discuss scheduling and other academic matters and utilize this guide as it was intended--a supplemental source of information.

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COLLEGE OFFICES

College of Arts and Sciences	104 Wilson Hall	593-2845
College of Business	214 Copeland Hall	593-2000
Scripps College of Communication	483 RTVC Building	593-4883
College of Education	124 McCracken Hall	593-4400
Russ College of Engineering and Technology	150 Stocker	593-1474
College of Fine Arts	Jennings House	593-1808
College of Health and Human Services	W364 Grover Center	593-9334
Honors Tutorial College	35 Park Place	593-2723
University College	140 Chubb Hall	593-1935

CAMPUS RESOURCES

Academic Advancement Center	101 Alden Library	593-2644
CAP Program		
Tutoring		
Supplemental Instruction		
Admissions	120 Chubb Hall	593-4100
Aerospace Studies	232 Lindley Hall	593-1343
Baker Student Center	Baker University Center	593-4020
Bursar's Office	010 Chubb Hall	593-4130
Career Services	533 Baker University Center	593-2909
Campus Life	355 Baker University Center	593-4025
Campus Recreation	140 Ping Center	597-2732
Bird Arena		593-4676
Intramural Sports		593-9946
Ping Center		593-9915
Club Sports	140B Ping Center	593-9927
Campus Safety	135 Scott Quad	593-1911
Center for Community Service	355 Baker University Center	593-4008
Computer Services	301 HDL Center	593-1222
Counseling and Psychological Services	337 Hudson Health Center	593-1616
Dean of Students	345 Baker University Center	593-1800
Financial Aid	020 Chubb Hall	593-9852
Health Education and Wellness	216 Hudson Health Center	593-4742
Housing Office	060 Chubb Hall	593-4090
Information Technology	301 HDL Center	593-1222
Institutional Equity	Crewson House	593-2620
Disability Student Services		
Intercollegiate Athletics	130 Convocation Center	593-1174
International Student and Faculty Services	348 Baker University Center	593-4330
University Judiciaries	349 Baker University Center	593-2629
Library	Alden Library	593-2699
Lifelong and Distance Learning	102 Haning Hall	593-2898
Military Science	254 Lindley Hall	593-1919
Multicultural Programs	205 Baker Center	593-4027
Ombuds	200 Crewson House	593-2627
President's Office for Diversity	307 RTEC Building	593-9376
Registrar and Student Records	110 Chubb Hall	593-4191
Residence Life	350 Baker University Center	593-4095
Student Health Services	Hudson Health Center	593-1660
Student Writing Center	Alden Library 2 nd floor	593-2699
Templeton-Blackburn Alumni Memorial Auditorium		593-1762
<i>The Post</i>	325 Baker University Center	593-4017
University Program Council	363 Baker University Center	593-4060

PUBLIC COMPUTER LABS

	Type Computer
Academic Advancement Center	PC and Mac
Alden Library Learning Commons	PC and Mac
Baker University Center	PC and Mac
Boyd Hall	PC
Brown House	PC
CITL (Scott Quad 201)	PC and Mac
Computer Services Center	PC
Ellis Hall	PC and Mac
Grover Center	PC and Mac
Haning Hall 219	PC
McCracken Hall	PC and Mac
Stocker Center	PC and Mac

Course: AAS 101

Course Title: *African American History I, 1526-1865*

Tier Designation: 2SS

Description: Survey of key economic, political, ideological, and social elements that shaped destinies of black people in the United States from 1526 to 1865.

Credit Hours: 4	Average Class Size: 100
Average Weekly Reading: 70 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations	60%
Written Papers	40%

Major/Minor Requirement: African American Studies major/minor

Course: AAS 106

Course Title: *Introduction to African American Studies*

Tier Designation:

Description: Interdisciplinary course designed to introduce students to field of African American studies. Focuses upon subject matter, scope, assumptions, and methods of various academic disciplines that are constituent parts of the African American Studies Program, and seeks to show how these disciplines collectively contribute to the broadest understanding of African American experience and, thus, of the general American experience from a black perspective.

Credit Hours: 4	Average Class Size: 30-35
Average Weekly Reading: 30 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion, Group Research	
Types of Quizzes and Examinations: Essay, Oral Exams	
Percentages in Final Grade: Examinations	25%
Written Papers	40%
Projects	20%
Participation in Class Discussion	15%

Major/Minor Requirement: African American Studies major/minor, Business

Course: AAS 110

Course Title: *Introduction to African American Literature*

Tier Designation: 2HL

Description: Provides a general introduction to and overview of the canon of African American literature. By examining a variety of texts, genres, themes, and issues in literature by black Americans, this course seeks to establish foundations and achievements of the African American literary tradition. Examines various critical approaches to the study of literature.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 50-100 pages	Average Number of Papers: 4
Average Number of Quizzes:	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay	
Percentages in Final Grade: Examinations	40%
Written Papers	40%
Participation in Class Discussion	20%

Major/Minor Requirement: African American Studies

Course: AAS 150

Course Title: *Introduction to Black Media*

Tier Designation: 2HL

Description: Historical analysis of images of blacks in cinema, radio, and television programming; origin and development of stereotypes; relationship of these images to societal developments; examination of alternatives.

Credit Hours: 5	Average Class Size: 200
Average Weekly Reading: 50 pages	Average Number of Papers: 1
Average Number of Quizzes: 2	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion, Film, Videos, Radio Broadcast (taped)	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Quizzes	20%
Examinations	50%
Written Papers	25%
Participation in Class Discussion	5%

Major/Minor Requirement: African American Studies, Business, Journalism

Course: AAS 202**Course Title:** *African American History II, 1865 to Present***Tier Designation:** 2SS

Description: Survey of key economic, political, ideological, and social elements that have shaped destinies of black people in the United States from 1865 to present.

Credit Hours: 4

Course: A H 211**Course Title:** *History of Art***Tier Designation:** 2FA

Prerequisites: not IART 211

Description: Survey of Western painting, sculpture, and architecture from prehistoric through early Christian.

Students advised but not required to enroll in A H 211, 212, and 213 in sequence.

Credit Hours: 4

Average Class Size: 200

Average Weekly Reading: 30-40 pages

Average Number of Papers: 1-2

Average Number of Examinations: 3-4

Primary Instructional Method: Lecture/Discussion (discussion group each Friday)

Types of Quizzes and Examinations: Essay, Multiple Choice, True-False

Percentages in Final Grade: Examinations 70%-80%

Written Papers 10%

Participation in Class Discussion 10%-20%

Major/Minor Requirement: Art History, Ceramics, Graphic Design, Interior Architecture, Painting, Photography, Printmaking, Sculpture, Art minor, IART minor.

Course: A H 212**Course Title:** *History of Art***Tier Designation:** 2FA

Prerequisites: not IART 212

Description: Continuation of A H 211 from early Medieval art in Europe through the Renaissance. Students advised but not required to enroll in A H 211, 212, and 213 in sequence.

Credit Hours: 4

Average Class Size: 200

Average Weekly Reading: 30-40 pages

Average Number of Papers: 1-2

Average Number of Examinations: 3-4

Primary Instructional Method: Lecture/Discussion (discussion group each Friday)

Types of Quizzes and Examinations: Essay, Multiple Choice, True-False

Percentages in Final Grade: Examinations 70%-80%

Written Papers 10%

Participation in Class Discussion 10%-20%

Major/Minor Requirement: Art History (BFA and BA), Ceramics, Graphic Design, Interior Architecture, Painting, Photography, Printmaking, Sculpture, Art minor, IART minor.

Course: A H 213**Course Title:** *History of Art***Tier Designation:** 2FA

Prerequisites: not IART 213

Description: Continuation of A H 212 from Baroque to present. Students advised but not required to enroll in A H 211, 212, and 213 in sequence.

Credit Hours: 4

Average Class Size: 200

Average Weekly Reading: 30-40 pages

Average Number of Papers: 1-2

Average Number of Examinations: 3-4

Primary Instructional Method: Lecture/Discussion (discussion group each Friday)

Types of Quizzes and Examinations: Essay, Multiple Choice, True-False

Percentages in Final Grade: Examinations 70%-80%

Written Papers 10%

Participation in Class Discussion 10%-20%

Major/Minor Requirement: Art History (BFA and BA), Ceramics, Graphic Design, Interior Architecture, Painting, Photography, Printmaking, Sculpture, Art minor, IART minor.

Course: A H 214**Course Title:** *History of Non-Western Art***Tier Designation:** 2CP

Description: Survey of non-Western art traditions from Asia, the Americas, Africa, and the Pacific region from ancient times to present.

Credit Hours: 4

Average Class Size: 75-100

Average Weekly Reading: 30-40 pages

Average Number of Papers: 7 short papers

Average Number of Quizzes: 0

Average Number of Examinations: 3

Primary Instructional Method: lecture, discussion, field trips

Percentages in Final Grade: Exam 1 25%

Exam 2 25%

Exam 3 25%

Papers 25%

Major/Minor Requirement: Art History (BFA and BA), Ceramics, Graphic Design, Interior Architecture, Painting, Photography, Printmaking, Sculpture, Art minor, IART minor, East Asian Studies Certificate.

Course: ANTH 101**Course Title:** *Introduction to Cultural Anthropology***Tier Designation:** 2CP

Description: Basic concepts; introduction to various world cultures; nature of cultural diversity; evolution of sociocultural systems.

Credit Hours: 5

Average Class Size: 150

Average Weekly Reading: 50-100 pages

Primary Instructional Method: Lecture, Film, Discussion

Types of Quizzes and Examinations: Varies by Instructor; Multiple Choice, True-False, Essay

Major/Minor Requirement: Business, Anthropology major/minor, Human Biology, Visual Communications

(all), Community Health Services, Dietetics, Exercise Physiology, HSLs, International Studies, Middle

Childhood EDU, Nutrition with Science.

Course: ANTH 201**Course Title:** *Introduction to Biological Anthropology***Tier Designation:** 2NS

Description: Evolutionary theory; primates; fossil record of human evolution; mechanics of evolution; human variation.

Credit Hours: 5

Average Class Size: 100

Average Weekly Reading: 65 pages

Average Number of Papers: 0

Average Number of Quizzes: 0

Average Number of Examinations: 4

Primary Instructional Method: Lecture, Film, Discussion

Types of Quizzes and Examinations: Multiple Choice, True-False

Percentages in Final Grade: Examinations 100%

Major/Minor Requirement: Anthropology major/minor

Course: ANTH 202**Course Title:** *Introduction to World Archaeology***Tier Designation:** 2CP

Description: Basic concepts; how archaeologists reconstruct extinct societies and explore cultural evolution.

Credit Hours: 5

Average Class Size: 75-100

Average Weekly Reading: 75-100 pages

Average Number of Papers: 2

Average Number of Quizzes: 0

Average Number of Examinations: 3

Primary Instructional Method: Lecture, Discussion, Film

Types of Quizzes and Examinations: Multiple Choice, True-False, Short Essay

Percentages in Final Grade: Examinations 80%

(varies by instructor) Papers 20%

Major/Minor Requirement: Anthropology major/minor

Course: ARAB 111**Course Title:** *Elementary Arabic***Tier Designation:** 2CPDescription: (fall) Beginning course of 3-quarter sequence of 1st-year Arabic.

Credit Hours: 4	Average Class Size: 15
Average Weekly Reading: 3 pages	Average Number of Papers: 2 every 2 weeks
Average Number of Quizzes: 1 every week	Average Number of Examinations: 3 tests + final
Primary Instructional Method: Conversation, Group Work, Speaking, Communicative Approach, and Culture	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False, Oral Exams	
Percentages in Final Grade:	
Quizzes	20%
Examinations	20%
Written Papers	20%
Projects	30%
Participation in Class Discussion	10%

Major/Minor Requirement: International Studies: Africa Certificate

Course: ART 110**Course Title:** *Seeing and Knowing the Visual Arts***Tier Designation:** 2FA

Description: Introduction to perceiving and understanding meanings and organizational systems in traditional and contemporary visual arts in context of their social and cultural backgrounds.

Credit Hours: 4	Average Class Size: 160
Average Weekly Reading: 20 pages	Average Number of Papers: 2
Average Number of Quizzes: 2	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade:	
Quizzes (2x10%)	20%
Examinations (2x30%)	60%
Written Papers	20%

Major/Minor Requirement: Art History (BFA), Aviation, Ceramics, Graphic Design, Interior Architecture, Painting, Photography, Printmaking, Sculpture, Art minor

Course: ART 113**Course Title:** *Three-Dimensional Studies***Tier Designation:**

Prerequisites: FR or SOPH

Description: Studio projects in 3 dimensions exploring ordered and dynamic interactions of mass, plane, volume, and space. Introduction to processes, and media. Not open to junior or senior art majors.

Credit Hours: 4	Average Class Size: 20
Average Number of Examinations: 1	
Primary Instructional Method: Lecture/Lab	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade:	
Projects & Lab Work	80%
Participation in Class Discussion	20%

Major/Minor Requirement: Art History (BA or BFA), Ceramics, Graphic Design, Informational Graphics/Publication Design, Interior Architecture, Photography, Printmaking, Retail Merchandising, Sculpture, Art minor.

Course: ART 116**Course Title:** *Descriptive Drawing***Tier Designation:**

Prerequisites: FR or SOPH

Description: Fundamental issues and concepts of drawing. Varied projects to developing the ability to perceive, interpret, and record information through an awareness of the conceptual and technical basis of drawing.

Credit Hours: 4	Average Class Size: 20
Primary Instructional Method: Lecture/Lab	
Percentages in Final Grade:	
Projects	40%
Lab Work	40%
Participation in Class Discussion	20%

Major/Minor Requirement: Art History (BA or BFA), Ceramics, Graphic Design, Informational Graphics, Publication Design, Painting, Photography, Printmaking, Sculpture, Retail Merchandising, Art minor.

Course: A ST 101**Course Title:** *Introduction to the U.S. Air Force***Tier Designation:**

Description: (fall) The course explores the pros and cons of a career in the U.S. Air Force, including mission and organization, officership, professionalism, and military customs and courtesies. One hour of academics each week. An additional 2 hour leadership lab and 2 hours of physical training is required for cadets and optional for others.

Credit Hours: 1	Average Class Size: 20
Average Weekly Reading: 10-20 pages	Average Number of Papers: 2
Average Number of Quizzes: 2	Average Number of Examinations: 1
Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False, Short Answer	
Percentages in Final Grade:	
Examinations	70%
Written Papers & Projects	25%
Participation in Class Discussion	5%

Course: A ST 102**Course Title:** *Air Force Missions***Tier Designation:**

Description: (winter) A continuation of A ST 101. Introduces students to opportunities in the Air Force in regards to benefits and career classifications. Introduces students to important concepts of professionalism, leadership, and war (theory/doctrine). Continues to build on military communication skills of briefing and writing.

Credit Hours: 1	Average Class Size: 20
Average Weekly Reading: 10-20 pages	Average Number of Papers: 2
Average Number of Quizzes: 2	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False, Short Answer	
Percentages in Final Grade:	
Examinations	70%
Written Papers & Projects	25%
Participation in Class Discussion	5%

Course: A ST 103**Course Title:** *Defense Policy and Forces***Tier Designation:**

Description: (spring) Defense policy, general purpose, and Air Reserve Forces, with emphasis on the role of the officer in this arena.

Credit Hours: 1	Average Class Size: 20
Average Weekly Reading: 10-20 pages	Average Number of Papers: 2
Average Number of Quizzes: 2	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False, Short Answer	
Percentages in Final Grade:	
Examinations	70%
Written Papers & Projects	25%
Participation in Class Discussion	5%

NOTE: for ASTR classes, see P SC listing.**Course: AVN 100****Course Title:** *Introduction to Aviation***Tier Designation:**

Description: Survey of civil aviation. Overview of aviation history, general aviation, types of air carrier aircraft, and the importance of the air transportation industry. Develops understanding of an airline flight from takeoff to landing.

Credit Hours: 4	Average Class Size: 50
Average Weekly Reading: 12 pages	Average Number of Papers: none
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade:	
Examinations	75%
Homework	25%

Major/Minor Requirement: Aviation, Sales Certificate (technical)

Course: AVN 110

Course Title: *Basic Aeronautics*

Tier Designation:

Description: (fall, winter, spring) 40 hours ground instruction covering radio navigation, meteorology, FAA regulations, communications, aircraft construction, and performance data to meet requirements of private pilot's written exam.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 60 pages	Average Number of Papers: none
Average Number of Quizzes: 0	Average Number of Examinations: 5
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade: Examinations	100%
Major/Minor Requirement: Aviation	

Course: B A 100A

Course Title: *Introduction to the College of Business I*

Tier Designation:

Prerequisites: College of Business and (FR or SOPH)

Description: First of a two-part sequence. Provides information about College of Business majors, offices, and services so students are familiar with the available options. Department chairs and directors, administrators, student representatives, and various guest speakers discuss the structure and procedures of the College of Business.

Credit Hours: 1	Average Class Size: 100
Average Weekly Reading: (brief)	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 1-2
Primary Instructional Method: Lecture, Discussion, Small Group Interaction	
Percentages in Final Grade: Homework and attendance in both class and small group activities.	
Major/Minor Requirement: Business	

Course: BIOL 101

Course Title: *Principles of Biology*

Tier Designation: 2NS

Prerequisites: non-science majors and not BIOS 170 or PBIO 110 or PBIO 114

Description: Principles of cell biology, physiology, genetics, and evolution. Credit not allowed for both 101 and BIOS 170 or PBIO 110 or 114.

Credit Hours: 5	Average Class Size: 80
Average Weekly Reading: 15-20 pages	Average Number of Papers: 0
Average Number of Quizzes: 7 in lab; 0-9 in lecture	Average Number of Examinations: 1-3
Primary Instructional Method: Lecture/Laboratory	
Types of Quizzes and Examinations: Essay, Multiple Choice, Short Answer	
Percentages in Final Grade: Examinations/Quizzes	80%
Lab Work	20%
Major/Minor Requirement: Early Childhood EDU, HSLs, Physical EDU	

Course: BIOS 100

Course Title: *The Animal Kingdom*

Tier Designation: 2NS

Prerequisites: not BIOS 173

Description: (fall, winter, spring) Designed for nonscience majors. A broad survey of all of the major groups of animals. Aspects of the biology, reproduction, ecology, and evolution of the animal phyla. Credit not allowed for both 100 and 173.

Credit Hours: 4	Average Class Size: 125; 150
Average Weekly Reading: 10 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion	
Percentages in Final Grade: Examinations	50%
Written Papers & Participation	50%
Major/Minor Requirement: Earth Science EDU, Integrated Science EDU	

Course: BIOS 103

Course Title: *Human Biology I: Basic Principles*

Tier Designation: 2NS

Description: (fall, winter, spring) Designed for nonscience majors. Humans as living organisms: our origins, ecology, and inheritance; and functioning of our body systems.

Credit Hours: 5	Average Class Size: 200
Average Weekly Reading: varies	Average Number of Papers: 0
Average Number of Quizzes: 3 (bonus points)	Average Number of Examinations: 3
Primary Instructional Method: Lecture (90%), Lecture/Discussion (10%)	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade: Examinations	100%
Major/Minor Requirement: Athletic Training, Community Health Services, Environmental Health Sciences, Health Services Administration, HSLs, Industrial and Systems Engineering, Industrial Hygiene, Integrated Science EDU, Long-term Healthcare Administration, Music Therapy, Physical EDU, Social Work.	

Course: BIOS 130

Course Title: *Principles of Human Anatomy and Physiology I*

Tier Designation: 2NS

Description: Introduction to the structure of the human body in the study of cells, tissues, and the integumentary, skeletal, and muscular systems. Cat used for dissection.

Credit Hours: 5

Course: BIOS 170

Supplemental Instruction Available

Course Title: *Introduction to Zoology*

Tier Designation: 2NS

Prerequisites: (ACT composite 23 or SAT 1060) or C- or better in CHEM 121 or 150 or 151) and not PBIO 110 or 114

Description: (fall, winter) Cellular and molecular biology. Designed for science majors and preprofessional students. Introduction to the chemistry of life, cell structure and function, and the principles of inheritance. Laboratories enhance lecture coverage of major topics with emphasis on experimental design and critical analysis. Credit not allowed for both BIOS 170 and any of the following: BIOL 101, PBIO 101, PBIO 110.

Credit Hours: 5	Average Class Size: 200
Average Weekly Reading: 50 pages	Average Number of Papers: 2
Average Number of Quizzes: 6	Average Number of Examinations: 3
Primary Instructional Method: Lecture and Lab	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade: Quizzes	10%
Examinations	60%
Lab Work	30%

Major/Minor Requirement: Outdoor Education and Camping, PBIO, Psych/pre-physical therapy, Athletic Training, BIOS major/minor, Chemical Engineering, Biochemistry, Pre-dentistry, Community Health Services, Dietetics, Early Childhood EDU, Industrial Hygiene, HSLs, Environmental Health Services, Exercise Physiology, Forensic Chemistry, Environmental Geography, Geology (BS), Environmental Geology, Health Services Administration, Life Science EDU, Long-term Healthcare Administration, Nutrition with Science, Physical Science EDU.

Course: BIOS 202

Course Title: *Biology of Sex Differences*

Tier Designation: 2NS

Description: Genetic, hormonal, and environmental influences that affect the development of sex differences,

Credit Hours: 4
Primary Instructional Method: Lecture, discussion, and group-report formats
Major/Minor Requirement: Women's Studies major/Certificate

Course: BIOS 205**Course Title:** *Human Biology: Sex and Reproduction***Tier Designation:** 2AS

Description: (spring) Development, structure and function of male and female human reproductive systems from conception to death, including behavior. Emphasis on current state of knowledge and relevance to topical health and social issues.

Credit Hours: 3	Average Class Size: 100
Average Weekly Reading: 8-10 pages	Average Number of Papers: 6
Average Number of Quizzes: 5	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice	
Percentages in Final Grade:	
Quizzes	5%
Examinations	60%
Written Papers	35%
Major/Minor Requirement: Human Biology	

Course: BIOS 210**Course Title:** *Exploring Animal Behavior***Tier Designation:** 2NS

Prerequisites: not BIOS 473 or PSY 314

Description: Humans have always been interested in animal behavior. During our early history, much of that interest was based on practical need. Today studies of animal behavior help us understand our own behavior as well as our interactions with all other animals. In this course we explore both how and why some animals migrate, live in groups, fight, have mating preferences, provide parental care and communicate. Lectures will address some controversial issues in animal behavior, such as "Do animals have emotions?" This course will provide you with a new way of thinking about, observing and interacting with the animals.

Credit Hours: 4	Average Class Size: 90
Average Weekly Reading: 20 pages from test and 1 article (4-8 pages)	
Average Number of Papers: weekly one page	
Average Number of Quizzes: none	Average Number of Examinations: 3
Primary Instructional Method: lectures and discussions	
Percentages in Final Grade:	
Exam 1	25%
Exam 2	30%
Final	35%
Discussions	10%

Course: BIOS 220**Course Title:** *Conservation and Biodiversity***Tier Designation:** 2AS

Description: (winter, spring) For nonmajors. Introduces students to the modern field of conservation biology and the role of genetics, ecology, life history, and biogeography in the preservation and maintenance of biodiversity. Case studies of endangered animal and plant species will be highlighted. Credit not allowed for both 220 and 481.

Credit Hours: 4	Average Class Size: 90
Average Weekly Reading: 10 pages	Average Number of Papers: 2
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade:	
Examinations	40%
Written Papers	40%
Projects	20%

Major/Minor Requirement: Environmental Geography, Environmental Geology, Integrated Science EDU, International Studies, Environmental Studies Certificate.

Course: BIOS 221/222**Course Title:** *Microbes and Humans/Laboratory***Tier Designation:** 2AS

Description: For nonmajors. A good introduction to microbiology for allied health fields. Introduction to the history and life of microorganisms with an emphasis on bacteria and viruses. Discussion of the interaction between humans and microbes including vaccines, antibiotics, biotechnology, immunity, disease transmission, and food spoilage. Overview of infectious diseases affecting human organ systems. Application of concepts through reading on current topics.

Credit Hours: 4

Course: BIOS 225**Course Title:** *Genetics in Human Society***Tier Designation:** 2AS

Prerequisites: no credit if BIOS 325

Description: (winter) Basic principles of inheritance in humans. Normal and abnormal chromosome constitutions, gene-protein interrelationships, and factors that cause mutations of genes and chromosomes. Significance of genetics in life of human society. Credit not allowed for both 225 and 325.

Credit Hours: 4	Average Class Size: 50
Average Number of Papers: 2	Average Number of Quizzes: 0
Average Number of Examinations: 3	
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion	
Percentages in Final Grade:	
Examinations	80%
Written Papers	20%
Major/Minor Requirement: Environmental Biology, Human Biology, Community Health Services	

Course: BIOS 235**Course Title:** *Insects, Science, and Society***Tier Designation:** 2AS

Prerequisites: not BIOS 435

Description: (spring) This course will introduce non-majors to fundamental concepts of biology using insects as examples. Students will gain an appreciation of how insects have shaped human culture and history for thousands of years, and how the scientific understanding of insect behavior, physiology, evolution and ecology is applied to solve real world problems. Contemporary issues, ranging from mosquito born-diseases, genetically modified crops and insecticide resistance, to killer bees, the silk industry and insects in forensic investigations will be used to focus discussions and improve scientific literacy.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 50 pages	Average Number of Papers: 1
Average Number of Quizzes: 4	Average Number of Examinations: 2
Primary Instructional Method: Lecture, Films, Web Resources, Current News	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade:	
Quizzes	10%
Examinations	70%
Written Papers	10%
Projects	10%

Course: BIOS 275**Course Title:** *Ecology in the 21st Century***Tier Designation:** 2NS

Prerequisites: not BIOS 375

Description: (fall) Introductory study of the natural environment and relations of organisms to each other and their surroundings. Individual, population, and community and global dynamics are considered in natural and human-influenced environments to improve ecological literacy about how the natural world works. Credit not allowed for both 275 and 375.

Credit Hours: 4	Average Class Size: 60
Average Weekly Reading: 10 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade:	
Examinations	90%
Written Papers & Projects	10%

Major/Minor Requirement: Environmental Biology, Human Biology, Environmental Geography, Integrated Science EDU, International Studies, Life Sciences EDU, PBIO-Applied Ecology, Environmental Studies Certificate.

Course: CH E 100**Course Title:** *Introduction to Chemical Engineering***Tier Designation:**

Description: Overview of the profession's history, present status, and future opportunities. Lectures on different aspects of chemical engineering study.

Credit Hours: 2	Average Class Size: 25
Average Weekly Reading: 20 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay/Calculation	
Percentages in Final Grade:	
Participation in Class Discussion	10%
Examinations	70%
Homework	20%

Major/Minor Requirement: Chemical Engineering

Course: CHEM 121**Supplemental Instruction Available****Course Title:** *Principles of Chemistry I***Tier Designation:** 2NS

Description: (fall, winter, and summer) Introduction to chemistry through study of atomic and molecular structure, periodic table, and states of matter. Recommended for students in College of Education (except B.S.Ed. majors in biological science, chemistry, and physics), and other programs requiring only 1 year of chemistry. Credit not allowed for both 121 and 151. CHEM 121 is recommended for those who do not score 34 or better on the chemistry placement exam.

Credit Hours: 4	Average Class Size: 100-200
Average Weekly Reading: 30+ pages	Average Number of Papers: 0
Average Number of Quizzes: 5	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Lab	
Types of Quizzes and Examinations: Essay, Multiple Choice, Calculations (you must show all your work)	
Percentages in Final Grade:	
Quizzes	15%
Examinations	65%
Lab Work	20%

Major/Minor Requirement: Athletic Training, Community Health Services, Dietetics, Earth Sciences EDU, Environmental Health Sciences, Exercise Physiology, Family and Consumer Sciences EDU, Environmental Geography/prelaw, Geology (BA and BS), Environmental Geology, Industrial and Systems Engineering, Industrial Hygiene, Industrial Technology, Integrated Science EDU, Life Science EDU, Middle Childhood EDU, (Nursing), PBIO (BS), Psychology/Pre-Physical Therapy, Restaurant/Hotel/Tourism, Basic and Applied Nutrition minor.

Course: CHEM 150**Supplemental Instruction Available****Course Title:** *Concepts in Chemistry*

Prerequisites: MATH placement level 2 or MATH 113 or concurrent and not CHEM 121

Description: Introduction to general chemistry for students who have majors requiring CHEM 151 but who need a solid review of concepts. No prior study of chemistry is assumed. Topics include measurement, properties of matter, fundamental atomic theory, the mole, stoichiometry, and related calculations.

Credit Hours: 4	Average Class Size: 175
Average Weekly Reading: 30+ pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3 + final
Primary Instructional Method: Lecture/Lab	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, Calculations	
Percentages in Final Grade:	
Examinations	72%
Homework	8%
Lab Work	20%

Course: CHEM 151**Supplemental Instruction Available****Course Title:** *Fundamentals of Chemistry I***Tier Designation:** 2NS

Prerequisites: (MATH 113 or math placement level 2 or higher) and score 34 or better on the chemistry placement examination or C- or better in CHEM 150.

Description: (fall, winter, summer) General course in fundamental chemical principles. Atomic structure, periodic classification, bonding, mole concept, and stoichiometry with problem solving. Recommended for majors in chemistry, engineering, biological sciences, plant biology, medical technology, secondary education (B.S.Ed. in biological sciences, chemistry, and physics), and preprofessional (biological science) areas. Credit not allowed for both 121 and 151.

Credit Hours: 5	Average Class Size: 150-200
Average Weekly Reading: 30+ pages	Average Number of Papers: 0
Average Number of Quizzes: 5	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Lab	
Types of Quizzes and Examinations: Essay, Multiple Choice, Calculations	
Percentages in Final Grade:	
Quizzes	9%
Examinations	66%
Lab Work	18%
Homework	7%

Major/Minor Requirement: Athletic Training, Community Health Services, Biological Sciences, Chemical Engineering, Chemistry (all) majors/minor, Biochemistry, Pre-dentistry, Civil Engineering, Dietetics, Electrical Engineering, Environmental Chemistry, Physical Science EDU, Physics/Meteorology, Restaurant/Hotel/Tourism, Environmental Health Sciences, Exercise Physiology, Family and Consumer Science EDU, Environmental Geography/prelaw, Meteorology, Geology (BS), Environmental Geology, Industrial and Systems Engineering, Industrial Hygiene, Mechanical Engineering, Nutrition with Science, PBIO (BA), PBIO/Environmental Biology, Basic and Applied Nutrition minor.

Course: CHIN 111**Course Title:** *Elementary Chinese***Tier Designation:** 2CP

Description: (fall) Beginning course of 3-quarter 1st-year sequence.

Credit Hours: 4	Average Class Size: 15
Average Weekly Reading: 5 pages	Average Number of Quizzes: 6
Average Number of Examinations: 2	
Primary Instructional Method: Conversation, Group Work, Speaking, Communicative Approach, and Culture	
Types of Quizzes and Examinations: Sentence Completion, Listening, Cloze-Test (writing), Communication (oral)	
Percentages in Final Grade:	
Quizzes	25%
Examinations	25%
Participation	20%
Lab	10%
Oral Presentation	10%
Homework	10%

Major/Minor Requirement: East Asian Studies Certificate, International Studies: Asia Certificate

Course: CLAR 211**Course Title:** *Greek Archaeology***Tier Designation:** 2SS

Description: Provides an introduction to Greek society as known from archaeology; covers the period from the Minoan and Mycenaean Bronze Age to Hellenistic times. Topics include the initial development of civilization in Greece and its rebirth after the Dark Ages, the continuing interchange of ideas between the Near East and Greece, the development of architectural styles and building complexes, and the role of public art in the propaganda of a city. Emphasis is on the use of archaeology to interpret the social development of the Greeks.

Credit Hours: 4	Average Class Size: 30
Major/Minor Requirement: Classical Civilization major/minor, Greek, Latin	

Course: CLAR 212**Course Title:** *Roman Archaeology***Tier Designation:** 2SS

Prerequisites: not CLAR 203

Description: Traces the development of one ethnic group, the Romans, in their appropriation and transformation of various native, Etruscan, and Greek artistic styles. Focuses on the difference social, political, and artistic influences that contributed to the continual change and development of Roman material culture, and emphasizes the Roman ability to adapt and innovate. Topics include the nature of Greek influence on Italian culture, the development of a characteristic Roman architecture, archaeological evidence for the economy, the development of public and private art styles, and the Roman provinces.

Credit Hours: 4

Average Class Size: 35

Major/Minor Requirement: Classical Civilization major/minor, Greek, Latin, Italian Studies Certificate

Course: CLAR 213**Course Title:** *Near Eastern and Egyptian Archaeology***Tier Designation:** 2SS

Prerequisites: not CLAR 201

Description: Survey course tracing the initial development of complex urban states in Mesopotamia, Syro-Palestine, Anatolia, and Egypt from the Late Neolithic into the Early Bronze Age, and their increasing influence on each other from the Middle through the Late Bronze Age and into the Iron Age. Presents the main elements of society, art, and architecture in these major Near Eastern cultures. Topics include the role of religion in the early states, the rise of the absolute ruler, trade networks, and the growth of the Egyptian and Hittite empires.

Credit Hours: 4

Average Class Size: 30

Major/Minor Requirement: Classical Civilization major/minor, Greek, Latin

Course: CLAS 231**Course Title:** *Human Aspirations Among the Greeks and Romans* **Tier Designation:** 2HL

Description: A study of the hopes and goals that shaped the lives of individuals and societies in the ancient Western tradition. Topics include financial success, respect, pleasure, wisdom, national well-being, and salvation of the soul. Involves extensive reading of Greek and Latin literature in English translation.

Credit Hours: 4

Average Class Size: 35

Average Weekly Reading: 100 pages

Average Number of Papers: 3

Average Number of Quizzes: 0

Average Number of Examinations: 2

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice

Percentages in Final Grade: Examinations 40%

Written Papers 60%

Major/Minor Requirement: World Religions, Greek, Latin, Classical Civilization major/minor.

Course: CLAS 234**Course Title:** *Classical Mythology***Tier Designation:** 2HL

Description: Introduction to classical mythology; readings and discussions of myths and their interpretations.

No knowledge of Greek or Latin required. No credit toward meeting foreign language requirement.

Credit Hours: 4

Average Class Size: 60

Average Weekly Reading: 100 pages

Average Number of Papers: 8

Average Number of Quizzes: 10

Average Number of Examinations: 1

Primary Instructional Method: Discussion

Types of Quizzes and Examinations: Essay, Sentence Completion

Percentages in Final Grade: Quizzes 40%

Examinations 20%

Written Papers 40%

Major/Minor Requirement: Greek, Latin, Classical Civilization major/minor

Course: CLAS 252**Course Title:** *Classical Athens***Tier Designation:** 2HL

Description: Study of classical Athens as the city and its people are known to us from the written texts and archaeological remains of the period.

Credit Hours: 4

Average Class Size: 30

Average Weekly Reading: 100 pages

Average Number of Papers: 4

Average Number of Quizzes: 16

Average Number of Examinations: 2

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice

Percentages in Final Grade: Examinations 50% (midterm, final)

Written Papers 25%

Quizzes 25%

Major/Minor Requirement: Classical Civilization major/minor, Greek, Latin

Course: CLAS 253**Course Title:** *Alexander the Great and the Hellenistic World* **Tier Designation:** 2HLDescription: An interdisciplinary approach to life and thought in the Hellenistic world from the conquests of Alexander the Great to ascendancy of Rome in the eastern Mediterranean (4th to 1st centuries BC), based on archaeological, historical, and literary sources.

Credit Hours: 4

Average Class Size: 30

Course: CLAS 254**Course Title:** *Rome Under the Caesars***Tier Designation:** 2HL

Description: An interdisciplinary approach to life and thought in Rome from the reigns of Augustus through Marcus Aurelius (27BC-AS180), based on archaeological, historical, and literary sources.

Credit Hours: 4

Average Class Size: 35

Major/Minor Requirement: Classical Civilization major/minor, Greek, Latin, Italian Studies Certificate

Course: CLAS 255**Course Title:** *Pagan to Christian in Late Antiquity***Tier Designation:** 2HLDescription: An interdisciplinary approach to the dramatic changes that occur in ways of looking at the individual and his place in the world during the 4th through 6th centuries of our era as paganism is replaced by Christianity as the dominant religious view. Geographical foci are Rome and Constantinople. Sources are textual, artistic, and archaeological.

Credit Hours: 4

Course: CLWR 181**Course Title:** *Introduction to Religion***Tier Designation:** 2HL

Description: Definition of religion and analysis of its various aspects including ritual, social, experiential, and symbolic.

Credit Hours: 4

Average Class Size: 35

Average Weekly Reading: 50

Average Number of Papers: 3

Average Number of Quizzes: 0

Average Number of Examinations: 1

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay

Major/Minor Requirement: International Studies, World Religions major/minor

Course: COMS 101

Course Title: *Fundamentals of Human Communication*

Tier Designation: 2HL

Description: Introductory analysis of oral communication in human relationships with focus on variety of contexts including dyadic, small group, and public communication experiences. Serves as survey of human communication processes.

Credit Hours: 4	Average Class Size: 380
Average Weekly Reading: 60 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion/Demonstration	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Group Discussions	20%
Examinations	60%
Papers	20%

Major/Minor Requirement: Aviation, Community Health Services, Dietetics, HSLS, ITS, Integrated Language Arts EDU, Middle Childhood Language Arts EDU, Music Composition, Music History and Literature, Music Therapy, Nutrition with Science, Piano/Piano Pedagogy, Recreation Management, Sport Management, Communication Studies minor.

Course: COMS 103

Course Title: *Fundamentals of Public Speaking*

Tier Designation:

Description: Principles of public speaking, practice in presenting informative and persuasive speeches with emphasis on communicative process.

Credit Hours: 4	Average Class Size: 25
Average Weekly Reading: 50 pages	Average Number of Papers: 1
Average Number of Quizzes: 3	Average Number of Examinations: final
Primary Instructional Method: Lecture/Activities/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade: Speeches	45%
Speech Outlines	20%
Workbook Assignments	15%
Final Examination & Quizzes	20%

Major/Minor Requirement: Restaurant/Hotel/Tourism, Journalism (all majors), Aviation, Civil Engineering, Communication Studies major/minor, Criminal Justice, Dietetics, EDU, Family and Consumer Sciences EDU, HSLS, Interior Architecture, Environmental Geography/prelaw, Retail Merchandising, Health Services Administration, Industrial and Systems Engineering, Industrial Technology, ITS, Mechanical Engineering, Music Composition, Music Theory, Nutrition with Science, Recreation Management, Sport Management.

Course: COMS 110

Course Title: *Communication Between Cultures*

Tier Designation:

Description: The purpose of the course is to explore the role of communication in understanding, accepting, and appreciating cultural differences. Students in this course will understand that culture includes not only issues of nationality, ethnicity, and race, but also gender, socioeconomic status, age, etc. Using a number of co-cultural, cross-cultural, and intercultural examples, students will explore how communication is a key component of bridging cultural differences.

Credit Hours: 4	
Average Class Size: 75 w/ 25 person break-out sections	
Average Weekly Reading: 80-100 pages	Average Number of Papers: 2+book discussion
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice	
Percentages in Final Grade: Examinations	45%
Written Papers & Book Discussion	45%
Participation in Class Discussion	10%

Major/Minor Requirement: Communication Studies major/minor, Criminal Justice

Course: C S 210

Course Title: *Programming in C*

Tier Designation:

Prerequisites: MATH 113 or placement level 2 or MATH 263A or MATH 163A

Description: Basic programming and control structure, computer organization, data representation, control structures, manipulation of strings, arrays, structures and pointers. Computer solutions to a variety of problems using the C programming language. Debugging and verification techniques.

Credit Hours: 5	Average Class Size: 30
Average Weekly Reading: 25 pages	Average Number of Examinations: 2
Primary Instructional Method: Lecture and Lab	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Examinations	45% (20% midterm/25% final)
Projects	35%
Lab Work	20%

Major/Minor Requirement: Civil Engineering, Geographic Information Science (GIS) Certificate

Course: C S 230

Course Title: *Computer Programming I*

Tier Designation: 2AS

Prerequisites: 2 yrs. h.s. algebra or MATH 113 or equivalent

Description: Basic programming and program structure. Programming and computing systems. Debugging and verification of programs. Data representation. Organization and characteristics of computers. Survey of computers, languages, systems, and applications. Computer solution of several numerical and nonnumerical problems using 1 or more programming languages. JAVA taught.

Credit Hours: 5	Average Class Size: Lecture of 40; Lab of 20
Average Weekly Reading: 40 pages	Average Number of Papers: 8 lab projects
Average Number of Examinations: 3	
Primary Instructional Method: Lecture-4 hours/week; Lab-2 hours/week	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False, Oral Exams (as needed)	
Percentages in Final Grade: Examinations	40%
Projects	20%
Lab Work	40%

Major/Minor Requirement: Aviation, Geographic Science (GIS) Certificate

Course: DANC 170

Course Title: *Viewing 20th Century Dance*

Tier Designation: 2FA

Description: Art of dance from a broad point of view, involving dance viewing, literature and participation. Deals with aesthetic, physiological, social and cultural aspects.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 5-10 pages	Average Number of Papers: 2
Average Number of Quizzes: 2	Average Number of Examinations: 0
Primary Instructional Method: Lecture/Discussion, Audio-Visual Presentations	
Percentages in Final Grade: Quizzes	10%
Written Papers	30%
Projects	40%
Participation in Class Discussion	20%

Major/Minor Requirement: Dance major/minor, IART minor

Course: DANC 171

Course Title: *The Dance Experience*

Tier Designation: 2FA

Description: A comprehensive course to introduce the beginning student to contemporary and classical dance forms, including modern, ballet and jazz dance styles. Discussions and readings cover historical and aesthetic perspectives. Live performances and studio practice contribute to the students' experiential learning.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 5-10 pages	Average Number of Papers: 3
Average Number of Quizzes: 0	Average Number of Examinations: 0
Primary Instructional Method: Lecture and dance studio lab	
Percentages in Final Grade: Written Papers	60%
Projects	20%
Lab Work	15%
Participation in Class Discussion	5%

Major/Minor Requirement: Dance major, Dance: History and Theory minor, Dance: Somatic Studies minor

Course: DANC 271**Course Title:** *Black Dance Forms***Tier Designation:** 2FA

Description: A lecture and studio/lab course that will familiarize students with black dance forms and the contributions that African Americans have made to the development of dance in America. Discussions, readings, videotaped material, live performance and studio practice will all contribute to the student's experiential learning.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 5-10 pages	Average Number of Papers: 3 maximum
Average Number of Quizzes: 1	Average Number of Examinations: 1 final project
Primary Instructional Method: Lecture and Studio	
Types of Quizzes and Examinations: Oral Exams	
Percentages in Final Grade:	
Written Papers	20%
Projects	30%
Lab Work	30%
Participation in Class Discussion	20%

Major/Minor Requirement: Dance major, Dance History and Theory minor

Course: ECON 103**Supplemental Instruction Available****Course Title:** *Principles of Microeconomics***Tier Designation:** 2SS

Prerequisites: MATH 101 or math placement level 1 or higher or PHIL 120 or PSY 120 or PSY 121

Description: Basic theory and economic analysis of prices, markets, production, wages, interest, rent, and profits. Analysis of how the capitalistic system determines what, how, and for whom to produce.

Credit Hours: 4	Average Class Size: 200
Average Weekly Reading: 30 pages (often quite technical)	
Average Number of Papers: 0	Average Number of Quizzes: 0
Average Number of Examinations: 3	Primary Instructional Method: Lecture
Types of Quizzes and Examinations: Multiple Choice, Problems	
Percentages in Final Grade: Examinations	100%

Major/Minor Requirement: Long-term Healthcare Administration, Middle Childhood Social Studies EDU, Nutrition with Science, Public Administration (POLS), Restaurant/Hotel/Tourism, Retail Merchandising, Aviation, Business (all majors), Dietetics, Sport Management, Economics major/minor, Environmental Health Science, Environmental Geography, Urban Planning, Health Services Administration, Industrial and Systems Engineering, Industrial Hygiene, Industrial Technology, ITS, Integrated Social Studies EDU, Sport Management.

Course: ECON 104**Supplemental Instruction Available****Course Title:** *Principles of Macroeconomics***Tier Designation:** 2SS

Prerequisites: MATH 101 or math placement level 1 or higher or PHIL 120 or PSY 120 or PSY 221

Description: Basic theory of national income analysis. Causes of unemployment and inflation. Monetary and fiscal policies of the federal government.

Credit Hours: 4	Average Class Size: 200
Average Weekly Reading: 30 pages (often quite technical)	
Average Number of Papers: 0	Average Number of Quizzes: 0
Average Number of Examinations: 3	Primary Instructional Method: Lecture
Types of Quizzes and Examinations: Multiple Choice, Problems	
Percentages in Final Grade: Examinations	100%

Major/Minor Requirement: Nutrition with Science, Public Administration (POLS), Retail Merchandising, Sport Management, Aviation, Business (all majors), Dietetics, Economics major/minor, Urban Planning, Industrial and Systems Engineering, Industrial Hygiene, ITS, Integrated Social Studies EDU, Middle Childhood Social Studies EDU.

Course: EDCE 201**Course Title:** *Career and Life Planning Seminar***Tier Designation:**

Description: (Preference is for enrollment by fr. and soph. only) Designed to provide knowledge and skill in career and life planning for freshmen and sophomores, especially for those who are undecided about college major and career. Emphasis on identifying strengths, clarifying values, exploring career options, and developing decision-making skills. *Special section for Adult Learning Services students only:* designed to provide knowledge and skill in career and life planning especially for adult who is considering job or career change. Emphasis on identifying skills, interests, experience, and values in relationship to new career choices and options.

Credit Hours: 3	Average Class Size: 25
Average Weekly Reading: 30 pages	Average Number of Papers: 2
Average Number of Quizzes: 0	Average Number of Examinations: 2
Percentages in Final Grade:	
Written Papers	40%
Projects	35%
Participation in Class Discussion	25%

Course: E E 101**Course Title:** *Introduction to Electrical Engineering***Tier Designation:** 2AS

Prerequisites: MATH 113 or above or placement level 2 or higher.

Description: The goal of this course is to introduce students to the profession of electrical engineering. Students will develop a knowledge of key technical concepts of electricity: voltage, current, resistance, and power. In addition, students will study the history, professional values, and methods of electrical engineering. Lab work provides hands-on experience with electrical systems.

Credit Hours: 4 (lecture, lab)	Average Class Size: 75, 25 per lab section
Major/Minor Requirement: Electrical Engineering major	

Course: EH 260**Course Title:** *Introduction to Environmental Health and Safety***Tier Designation:** 2AS

Description: A survey of technical and administrative procedures needed to protect the environment, especially as they relate to human health effects. This is the foundation course upon which other Environmental Health courses are developed. The course will emphasize general ecological principles, and environmental degradation and protection in conjunction with current environmental risk assessment, management, and communication principles, along with providing a general overview of topic areas which make up the field of environmental health and safety.

Credit Hours: 4	Average Class Size: 75
Average Weekly Reading: 25-30 pages	Average Number of Papers: 1
Average Number of Quizzes: 4	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade:	
Quizzes	75%
Examinations	25%

Major/Minor Requirement: Community Health Services, Environmental Health Sciences major/minor, Health Services Administration, Industrial and Systems Engineering, Industrial Hygiene, Long-Term Healthcare Administration.

Course: ENG 151**Course Title:** *Writing and Rhetoric I***Tier Designation:** 1E

Description: Prereq: fr. or soph. only; 150, or 151 placement into requested or earlier quarter or into 152/153. Practice in composing and revising essays which are well organized, logically coherent, and effective for their purpose and audience. Topics from personal experience or nonfiction reading. (Nonnative speakers take 151A.)

Credit Hours: 5	Average Class Size: 20
Average Weekly Reading: 25-40 pages	Average Number of Papers: 4
Primary Instructional Method: Lecture/Discussion, Workshops	
Percentages in Final Grade:	
Written Papers	80-90%
Participation in Class Discussion	10-20%

Major/Minor Requirement: all majors

Course: ENG 152**Course Title:** *Writing and Reading***Tier Designation:** 1E

Description: Prereq: fr. and soph. only. Same as 151, except that topics are developed from reading and discussion of fiction, poetry, and/or drama.

Credit Hours: 5	Average Class Size: 20
Average Weekly Reading: 25-40 pages	Average Number of Papers: 4
Primary Instructional Method: Lecture/Discussion, Workshops	
Percentages in Final Grade: Written Papers	80-90%
Participation in Class Discussion	10-20%

Major/Minor Requirement: all majors

Course: ENG 153**Course Title:** *Writing and Reading: Special Topics***Tier Designation:** 1E

Description: Prereq: fr. and soph. only. Similar in structure and purpose to 152, but topic and texts of each section are selected by instructor. Specific course description with text lists advertised quarterly in Ellis Hall, third floor.

Credit Hours: 5	Average Class Size: 20
Average Weekly Reading: 25-40 pages	Average Number of Papers: 4
Primary Instructional Method: Lecture/Discussion, Workshops	
Percentages in Final Grade: Written Papers	80-90%
Participation in Class Discussion	10-20%

Major/Minor Requirement: all majors

Course: ENG 153A**Course Title:** *Writing and Reading: Gender***Tier Designation:** 1E

Description: Same as 153 except that topics are developed from readings depicting women and men in literature. Students examine and write about how, in both literature and life, women and men see themselves and one another, how people learn what society expects of them, and about such topics as sexuality, marriage, friendship, and rebellion against culturally imposed sexual roles.

Credit Hours: 5	Average Class Size: 20
Average Weekly Reading: 1 article or short story per class	
Average Number of Papers: 4	Average Number of Quizzes: 0
Average Number of Exams: 0	
Primary Instructional Method: Discussion and small group work	
Percentages in Final Grade: Homework	20%
Papers	75%
Participation in Class Discussion	10%

Major/Minor Requirement: Women's Studies major/certificate; all majors

Course: ENG 153B**Course Title:** *Writing and Reading: African American Experiences***Tier Designation:** 1E

Description: Same as 153 except that topics are developed from readings examining various experiences of African Americans in America, from earlier writings up to and emphasizing contemporary literature, including fiction, poems, essays, and autobiographies.

Credit Hours: 5	Average Class Size: 20
Average Weekly Reading: 1 article or short story per class	
Average Number of Papers: 4	Average Number of Quizzes: 0
Average Number of Exams: 0	
Primary Instructional Method: Discussion and small group work	
Percentages in Final Grade: Homework	20%
Papers	75%
Participation in Class Discussion	10%

Major/Minor Requirement: all majors

Course: ENG 200**Course Title:** *Introduction to Literature***Tier Designation:** 2HL

Prerequisites: 1 course above ENG 150

Description: For nonmajors. Approaches to reading and interpreting fiction, poetry, and drama through using skills, techniques, and language of interpretation.

Credit Hours: 4	Average Class Size: 35
Average Weekly Reading: significant reading of poems, stories, and plays	
Average Number of Papers: informal reading journal	
Average Number of Quizzes: weekly quizzes over reading	

Average Number of Exams: 3 essay exams (fiction, poetry, and drama)

Primary Instructional Method: Discussion	
Percentages in Final Grade: Exams	60%
Quizzes	10%
Reading Journal	20%
Participation	10%

Major/Minor Requirement: Aviation Management/Flight, Middle Childhood Language Arts EDU

Course: ENG 201**Course Title:** *Critical Approaches to Fiction***Tier Designation:** 2HL

Description: For nonmajors. Close textual analysis of fiction, development of critical vocabulary, and introduction to the variety of current methods of responding to literature.

Credit Hours: 4	Average Class Size: 35
Average Weekly Reading: 4-5 short stories	Average Number of Papers: 2
Average Number of Quizzes: 0	Average Number of Exams: 2

Primary Instructional Method: Discussion	
Percentages in Final Grade: heavy on the essay	

Course: ENG 202**Course Title:** *Critical Approaches to Poetry***Tier Designation:** 2HL

Description: For nonmajors. Close textual analysis of poetry, development of critical vocabulary, and introduction to the variety of current methods of responding to literature.

Credit Hours: 4

Course: ENG 203**Course Title:** *Critical Approaches to Drama***Tier Designation:** 2HL

Description: For nonmajors. Close textual analysis of drama, development of critical vocabulary, and introduction to the variety of current methods of responding to literature.

Credit Hours: 4	Average Class Size: 28
Average Weekly Reading: 40-70 pages	Average Number of Papers: 10
Average Number of Quizzes: 2/week	Average Number of Exams: 1-2
Primary Instructional Method: Discussion, some lecture, small groups, individual and group presentation	
Percentages in Final Grade: Quizzes	25%
Midterm Exam	25%
Final Paper	25%
Group Project	25%

Course: ENG 250**Course Title:** *Principles of Textual Analysis***Tier Designation:**

Description: Offers undergraduates considering the English major a thorough grounding in textual analysis and critical terminology. Emphasis on generalizable reading strategies rather than investigation of a particular topic.

Credit Hours: 4	Average Class Size: 25
Average Weekly Reading: 100 pages	Average Number of Papers: 4
Average Number of Quizzes: 3	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay	
Percentages in Final Grade: Examinations	30%
Written Papers	60%
Participation in Class Discussion	10%

Major/Minor Requirement: English major/minor, Integrated Language Arts EDU

Course: ET 280**Course Title:** *Engineering and Technology–Overview***Tier Designation:** 2AS

Description: Intended for students of all majors and non-Engineering Technology students are encouraged. Provides an overview of engineering and technology, to place the profession in a historical context, to examine the views of supporters and detractors, to examine moral and ethical issues associated with the profession in society, and to develop an appreciation for the manner in which engineering and technological work is conducted. Emphasizes a "problem-solving" approach to questions of all kinds, but more specifically to technological ones.

Credit Hours: 4	Average Class Size: 140
Average Weekly Reading: 15 pages	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False, Matching	
Percentages in Final Grade: Exams	70%
Homework	20%
Projects	10%

Major/Minor Requirement: Sales Certificate (Professional)

Course: FAR 150**Course Title:** *Viewing Performance***Tier Designation:** 2FA

Description: Integrates classroom and student life activities at the University by combining the OU Artist Series and major productions of the Schools of Music, Dance, and Theater with a seminar course dealing with characteristics of the medium and artistic concerns. A two-hour seminar precedes and follows each of the performances. No credit to those with credit for CA 150, DANC 150, IART 150, MUS 150, or THAR 150.

Credit Hours: 2

Course: FR 111**Course Title:** *Elementary French***Tier Designation:** 2CP

Prerequisites: not FR 169A or FR 199

Description: Beginning course of 3-quarter 1st-year sequence. Basic grammatical concepts and patterns. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Basic text and workbook used. Lab required.

Credit Hours: 4	Average Class Size: 22
Average Weekly Reading: 18-20 pages	Average Number of Papers: 0
Average Number of Examinations: 4	
Primary Instructional Method: Practice in speaking, listening, reading and writing skills in and out of class.	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False, Oral Exams	
Percentages in Final Grade: Examinations	80% (oral/written exams)
Lab Work	10%
Participation in Class Discussion	10%

Major/Minor Requirement: Voice (music), International Studies: European Studies Certificate

Course: FR 199**Course Title:** *French for Review***Tier Designation:**

Prerequisites: not FR 111 or FR 112 or FR 113

Description: Preparation for FR 211 for students with some high school French. Review of grammar and vocabulary with intensive practice adapted to college-level expectations and instructional techniques.

Emphasis on speaking, listening, reading, and writing. Does not satisfy language or humanities requirements in Arts and Sciences.

Credit Hours: 4	Average Class Size: 22
Average Weekly Reading: 18-20 pages	Average Number of Papers: 0
Average Number of Examinations: 4	
Primary Instructional Method: Practice in speaking, listening, reading and writing skills in and out of class.	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False, Oral Exams	
Percentages in Final Grade: Examinations	80% (oral/written exams)
Lab Work	10%
Participation in Class Discussion	10%

Course: GEOG 101**Course Title:** *Physical Geography***Tier Designation:** 2NS

Description: Systematic survey of temperature, precipitation, atmospheric and oceanic circulation, and global systems of climate, soils, natural vegetation, and landforms.

Credit Hours: 5	Average Class Size: 120
Average Weekly Reading: 40 pages	Average Number of Papers: 0
Average Number of Quizzes: 7	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Examinations	80%
Lab Work	20%

Major/Minor Requirement: Aviation, Early Childhood EDU, Earth Sciences EDU, Geography major/minor, Meteorology major/minor, Integrated Science EDU, Integrated Social Studies EDU, Outdoor Education/Camping

Course: GEOG 121**Course Title:** *Human Geography***Tier Designation:** 2SS

Description: Examination of spatial dimensions of culture, emphasizing patterns of selected cultural elements—language, religion, population, settlement, political and economic landscapes, and human/environment interactions

Credit Hours: 4	Average Class Size: 140
Average Weekly Reading: 50 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Homework	20%
Examinations	80%

Major/Minor Requirement: Aviation (flight option), Human Biology, Geography major/minor, Meteorology major/minor, Integrated Social Studies, International Studies, Middle Childhood EDU

Course: GEOG 131**Course Title:** *Globalization and the Developing World***Tier Designation:** 2CP

Description: Survey of globalization and its impact on development, international relations, and culture in developing countries around the world.

Credit Hours: 4	Average Class Size: 120
Average Weekly Reading: 50 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion	
Percentages in Final Grade: Homework	20%
Examinations	80%

Major/Minor Requirement: Geography major/minor, International Studies, East Asian Studies Certificate

Course: GEOG 132**Course Title:** *World Regional Geography: Industrial World***Tier Designation:** 2SS

Prerequisites: not GEOG 141

Description: Survey of selected geographic themes: development; people and resources; human and physical environments; and cultural patterns in Anglo-America, Western and Eastern Europe, the former USSR, Japan, and Australia.

Credit Hours: 4
Major/Minor Requirement: Geography major/minor

Course: GEOG 201

Course Title: *Environmental Geography*

Tier Designation: 2AS

Description: Geographic survey of environmental changes caused by human activities. Focus on resource availability and use, pollution of air, water, and biosphere, energy problems, interactions of humans with plant and animal communities.

[Numbers in brackets indicate more than one set of responses given for this course. Information varies by Professor.]

Credit Hours: 4	Average Class Size: 120
Average Weekly Reading: 50 pages	Average Number of Papers: 4
Average Number of Quizzes: 0	Average Number of Examinations: 2 plus final
Primary Instructional Method: Lecture and Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations	2/3 [80%]
Written Papers	1/6 [20%]
Projects	1/6

Major/Minor Requirement: Aviation, Environmental Biology, Human Biology, Earth Science EDU, Geography major/minor, Meteorology, Industrial Hygiene, International Studies, Middle Childhood Science EDU, Middle Childhood Social Studies EDU, Outdoor Education/Camping, PBIO-Applied Ecology, PBIO-Environmental Biology, Public Administration/POLS, Environmental Studies Certificate.

Course: GEOG 202

Course Title: *Introduction to Weather*

Tier Designation: 2NS

Prerequisites: not GEOG 101

Description: Gain experience in class and in labs in the analysis of weather maps. There will be particular emphasis on weather phenomena presented in the media (global warming, El Niño). Data will be downloaded from website sources for use in the classroom, and made available to students on the course website for study purposes.

Credit Hours: 5	Average Class Size: 60
Average Weekly Reading: 20 pages	Average Number of Papers: 2
Average Number of Quizzes: 3	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion, Lab	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Quizzes	80%
Lab Work	20%

Major/Minor Requirement: Environmental Geography, Geography major/minor

Course: GEOG 260

Course Title: *Maps*

Tier Designation: 2AS

Description: Introduction to map reading, interpretation, and appreciation. Examination of scale, direction, distortion, projections, and the use of maps to show physical and cultural landscapes and as everyday means of communication.

Credit Hours: 4

Course: GEOL 101

Course Title: *Introduction to Geology*

Tier Designation: 2NS

Prerequisites: not GEOL 283

Description: Nature and distribution of earth materials and their utilization as natural resources; discussion of earth structure, earthquakes, mountain building, and continental drift; development of landscapes.

Credit Hours: 5	Average Class Size: 120
Average Weekly Reading: 50 pages approximately	Average Number of Papers: 0
Average Number of Quizzes: 0-1	Average Number of Examinations: 3
Primary Instructional Method: Lecture, Lecture/Discussion, Laboratory constitutes 20% of course	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Examinations	75-80%
Projects	0-5%
Lab Work	20%

Major/Minor Requirement: Early Childhood EDU, Earth Science EDU, Environmental Geography, Meteorology, Urban Planning, Geological Sciences major/minor, Integrated Science EDU, Life Science EDU, Middle Childhood EDU, Outdoor Education/Camping, Physical Science EDU, PBIO-Applied Ecology, PBIO-Environmental Biology

Course: GEOL 120

Course Title: *The Mobile Earth*

Tier Designation: 2NS

Description: An examination of the earth's dynamic systems including continental drift, sea-floor spreading, mountain building, volcanic activity, and earthquakes, and their explanation in terms of plate tectonic theory. Intended for both science and non-science majors seeking a nontechnical overview of plate tectonics.

Credit Hours: 4	Average Class Size: 100
Average Weekly Reading: 10 pages	Average Number of Papers: 0
Average Number of Quizzes: 1	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay (short answer), Multiple Choice, True-False	
Percentages in Final Grade: Quizzes	10%
Examinations	60%
Projects (homework)	30% (homework)

Major/Minor Requirement: Geological Sciences, Integrated Science EDU, Outdoor Education/Camping

Course: GEOL 130

Course Title: *Geology of the National Parks*

Tier Designation: 2NS

Description: Survey of the geologic features of the national parks, emphasizing the history of their geologic development.

Credit Hours: 4	Average Class Size: 90
Average Weekly Reading: 25 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 5
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Examinations	95%
Attendance	5%

Major/Minor Requirement: Adventure Recreation, Geological Sciences, Outdoor Education/Camping

Course: GEOL 170

Course Title: *Metal, Stone, Energy, and Society*

Tier Designation: 2AS

Description: Survey of a broad array of earth resources with the goal of examining the impact of those resources on society. The influence of plate tectonic processes and Earth's evolution on resource distribution will be considered. The manner in which technological changes in mineral processing are increasing recycling rates and fostering closer connections between industries, the environment, and society will be explored.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 25 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 4
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Examinations	100%

Major/Minor Requirement: Geological Sciences

Course: GEOL 208

Course Title: *Geology of the Solar System*

Tier Designation: 2NS

Description: Students can experience the thrill of geologic exploration of solid planets and moons in the solar system through the study of samples and knowledge obtained by manned and robotic spacecraft missions.

This course focuses on changing perceptions and advancement of knowledge with each new mission and discovery.

Credit Hours: 4

Course: GEOL 211

Course Title: *Introductory Oceanography*

Tier Designation: 2NS

Description: Survey of physical, chemical, biological, and geological aspects of oceanography.

Credit Hours: 4	Average Class Size: 120
Average Weekly Reading: 20 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 4
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Examinations	100%

Major/Minor Requirement: Earth Science EDU, Environmental Geography, Meteorology, Geological Sciences, Integrated Science EDU, International Studies, Outdoor Education/Camping

Course: GEOL 215**Course Title:** *Environmental Geology***Tier Designation:** 2AS

Description: Survey of geological aspects of environmental crises. Focus on major environmental processes, immediate and extended influence of humans, and prospects for future of physical environment. Presupposes no background in sciences.

Credit Hours: 4	Average Class Size: 130
Average Weekly Reading: 30 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3

Primary Instructional Method: Lecture, Field Trip(s)

Types of Quizzes and Examinations: Multiple Choice, Matching, Fill-in-Blank

Percentages in Final Grade: Examinations 100%

Major/Minor Requirements: Adventure Recreation, Environmental Biology, Environmental Geography, Geological Sciences, International Studies, Middle Childhood Science EDU, Outdoor Education/Camping, Environmental Studies Certificate

Course: GEOL 221**Course Title:** *Earth and Life History***Tier Designation:** 2NS

Description: A nontechnical survey exploring the 4½ billion year history of the interaction between life and the environment. Topics include the origin of the earth, the origin and development of life, the origin and evolution of the continents, the history of the atmosphere and ocean, catastrophic extinctions, and the impact of human evolution.

Credit Hours: 4	Average Class Size: 90
Average Weekly Reading: 15 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 5

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Multiple Choice

Percentages in Final Grade:	Examinations	95%
	Attendance	5%

Major/Minor Requirement: Geological Sciences, Life Science EDU, Middle Childhood Science EDU, Outdoor Education/Camping, Physical Science EDU

Course: GEOL 231**Course Title:** *Water and Pollution***Tier Designation:** 2AS

Description: The interrelationship between hydrogeological and chemical principles and technology as they relate to the use of water resources and the environmental problems associated with its pollution.

Credit Hours: 4	Average Class Size: 50
Average Weekly Reading: 30 pages	Average Number of Examinations: 3
Primary Instructional Method: Lecture, Lecture/Discussion, Field Trip and Lab Demonstrations	

Types of Quizzes and Examinations: Essay, Multiple Choice, True-False

Percentages in Final Grade: Examinations 100%

Major/Minor Requirement: Adventure Recreation, Environmental Geography, Urban Planning, Geological Sciences, International Studies, Middle Childhood Science EDU, Outdoor Education/Camping, PBIO-Applied Ecology, Environmental Studies Certificate

Course: GER 111**Course Title:** *Elementary German***Tier Designation:** 2CP

Description: Introduction to pronunciation and basic grammar. Development of comprehension and speaking skills. Beginning course of 3-quarter 1st-year sequence.

Credit Hours: 4	Average Class Size: 25
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Average Weekly Reading: Approximately two weeks per chapter.

Average Number of Papers: Small paragraphs

Average Number of Quizzes: 1 each week

Average Number of Examinations: 1 after each chapter

Primary Instructional Method: We use the aural/oral method: listening, speaking, grammar study, writing, reading for comprehension.

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False, Oral Exams,

Translation: German to English/English to German, Writing Exercises

Percentages in Final Grade:	Quizzes & Examinations	15%
	Chapter Tests	25%
	Final Examination	20%
	Homework, Projects, Lab Work	20%
	Participation in Class Discussion	20%

Major/Minor Requirement: Voice (music), International Studies: European Studies Certificate

Course: GK 111**Course Title:** *Beginning Greek***Tier Designation:** 2CP

Description: Grammar, vocabulary, and reading of ancient Greek. Students will be introduced to Ionic, Attic, and Koine (New Testament) dialects.

Credit Hours: 4	Average Class Size: 20
Average Weekly Reading: 10 pages	Average Number of Papers: 0
Average Number of Examinations: 2	

Primary Instructional Method: Lecture/Discussion, Drill

Types of Quizzes and Examinations: Translation and Grammatical Analysis

Percentages in Final Grade: Examinations 50%

Participation in Class Discussion 50%

Major/Minor Requirement: Classical Civilization major

Course: HCCF 160**Course Title:** *Introduction to Child Development***Tier Designation:** 2SS

Prerequisites: not EDEL 200 and not PSY 273

Description: Fundamental patterns of development and behavior during prenatal period through early childhood.

Credit Hours: 4	Average Class Size: 200
Average Weekly Reading: 60-100 pages	Average Number of Papers: 0
Average Number of Quizzes: 10	Average Number of Examinations: 4

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Multiple Choice, True-False

Percentages in Final Grade: Quizzes 20%

Examinations 80%

Major/Minor Requirement: Early Childhood EDU, Family and Consumer Sciences EDU, Family Studies, HSLS, Music Therapy, Nursing, Physical Education, Retail Merchandising

Course: HCFN 110**Course Title:** *Introduction to Hospitality***Tier Designation:**

Prerequisites: FR or SOPH only

Description: Overview of restaurants, institutional food service, hotels, and travel and tourism. Exploration of different career possibilities in the hospitality industry.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 30 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 0

Primary Instructional Method: Lecture with guest speakers

Percentages in Final Grade: Homework 50%

Projects 40%

Participation in Class Discussion 10%

Major/Minor Requirement: Restaurant/Hotel/Tourism

Course: HCFN 128**Course Title:** *Introduction to Nutrition***Tier Designation:** 2AS

Description: Nutrients, their food sources and functions in body, application to planning adequate diet through life cycle.

Credit Hours: 4	Average Class Size: 120	Average Weekly Reading: 20-40 pages
Average Number of Papers: 0	Average Number of Quizzes: 0-4	
Average Number of Examinations: 3-4	Primary Instructional Method: Lecture	

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade: Quizzes 40-50%

Examinations 40-50% subject to change

Projects 0-10%

Major/Minor Requirement: Athletic Training, Human Biology, Community Health Services, Dietetics, Early Childhood EDU, Exercise Physiology, Family and Consumer Science EDU, Family Studies, Retail Merchandising, Interior Architecture, Long-term Healthcare Administration, Nursing, Nutrition with Science, Restaurant/Hotel/Tourism, Basic and Applied Nutrition minor

Course: HCIA 181**Course Title:** *Color Theory***Tier Designation:**

Prerequisites: (IT 104 or concurrent and IA pre-major) or retail merchandising major/pre-major

Description: Focuses on the characteristics, relationships, and theories of color based on major color systems. The visual and psychological effects of color and light, various color phenomena, and the formal and expressive elements of color for interior environments are explored. Color is studied in terms of furnishings and finishes as related to space, form, and light.

Credit Hours: 4	Average Class Size: 18
Average Weekly Reading: 5 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 0
Primary Instructional Method: Studio	
Percentages in Final Grade: Projects, Lab Work, and Participation in Class Discussion	100%

Major/Minor Requirement: Interior Architecture, Retail Merchandising

Course: HCIA 185**Course Title:** *Aesthetics of Architecture, Interiors, and Design***Tier Designation:** 2H

Prerequisites: Not HCIA 180

Description: Fundamental issues of aesthetics as related to architecture, interiors, and design. Emphasis placed on the study of residential typology in relation to socio-economic and multi-cultural issues. Topics include aesthetics, design fundamentals, history of design, and construction methodologies.

Credit Hours: 4	
Major/Minor Requirement: Interior Architecture	

Course: HCRM 201**Course Title:** *Introduction to Retailing***Tier Designation:**

Description: Introductory examination of retailing as major economic force in the country and as significant contributor for career opportunities. Practical analysis of retail operations and impact of socio-economic factors. Focus on terminology, trends, retailers, and advances in retail technology.

Credit Hours: 4	Average Class Size: 100
Average Weekly Reading: 60 pages	Average Number of Papers: 4
Average Number of Examinations: 3	
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Examinations	50%
Projects	40%
Participation in Class Discussion, Case Studies, Quizzes	10%

Major/Minor Requirement: Retail Merchandising major/minor

Course: HIST 101**Course Title:** *Western Civilization in Modern Times***Tier Designation:** 2SS

Prerequisites: FR or SOPH only

Description: Renaissance to 1648: Renaissance, Reformation, origins of national state system, diplomacy, and imperialism as applied to Portugal, Spain, and Hapsburg Empire, and commercial and scientific revolutions.

Credit Hours: 4	
Major/Minor Requirement: Integrated Social Studies EDU, Journalism, History minor	

Course: HIST 102**Course Title:** *Western Civilization in Modern Times***Tier Designation:** 2SS

Prerequisites: FR or SOPH only

Description: Continuation of 101. Covers 1648 to 1848: absolutism, constitutionalism, operation of coalition diplomacy, and imperialism as applied to France and Britain; westernization of eastern Europe, Enlightenment, French Revolution, agricultural, commercial, and industrial revolutions and growth of ideologies—liberalism, socialism, and nationalism.

Credit Hours: 4	
Major/Minor Requirement: Integrated Social Studies EDU, Journalism, History minor	

Course: HIST 103**Course Title:** *Western Civilization in Modern Times***Tier Designation:** 2SS

Prerequisites: FR or SOPH only

Description: Continuation of 101 & 102. Covers 1848 to present: continued industrial revolution and spread of liberalism, socialism, and nationalism; rise and fall of German bid for power in two world wars; new ideologies of materialism, positivism, Social Darwinism, irrationalism, totalitarianism; Russian and Chinese revolutions and international communism; rise and fall of Western empires in Africa and Asia.

Credit Hours: 4	
Major/Minor Requirement: Journalism, History minor	

Course: HIST 121**Course Title:** *Western Heritage: Classical Age***Tier Designation:** 2HL

Description: Account of origins of Western heritage from ancient Near East to end of Classical Age. Included are such topics as ancient religions, philosophies, literature, and visual arts with particular emphasis on Greece and Rome.

Credit Hours: 4	Average Class Size: 80-100
Average Weekly Reading: 40-50 pages	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations	90%
Participation in Class Discussion	10%

Major/Minor Requirement: Visual Communication, Journalism, History major/minor, Integrated Social Studies EDU

Course: HIST 122**Course Title:** *Western Heritage: Medieval Legacy***Tier Designation:** 2HL

Description: Discussion of period from decline of Roman Empire to the Renaissance focusing on development of Judaeo-Christian traditions, concept of civilization, and emergent individualism. Important subtopics include growth of universities, chivalry, scholasticism, and humanism.

Credit Hours: 4	Average Class Size: 80-100
Average Weekly Reading: 40-50 pages	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations	90%
Participation in Class Discussion	10%

Major/Minor Requirement: Visual Communication, Journalism, History major/minor, Integrated Social Studies EDU

Course: HIST 123**Course Title:** *Western Heritage: Modernity***Tier Designation:** 2HL

Description: Major intellectual currents and cultural results from time of Renaissance to present examined in humanistic perspective. Included are such topics as origins of modern philosophy, languages, revolutions, political ideologies, and cultural pluralism.

Credit Hours: 4	Average Class Size: 80-100
Average Weekly Reading: 40-50 pages	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations	90%
Participation in Class Discussion	10%

Major/Minor Requirement: Visual Communication, Journalism, History major/minor

Course: HIST 132

Tier Designation: 2CP

Course Title: *Introduction to Non-Western History Before 1750: Cross-Cultural Perspectives*

Description: Introduces cross-cultural perspectives in non-Western history. Focus is on the major themes in human development, such as the history of the rise of civilization, world religions, and trading systems.

Credit Hours: 4	Average Class Size: 150 lecture, 30 discussion
Average Weekly Reading: 100-150 pages	Average Number of Papers: book reports
Average Number of Quizzes: 5	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion	
Percentages in Final Grade: Quizzes	20-25%
Examinations	50-60%
Written Papers	15%

Major/Minor Requirement: Visual Communication, Journalism, History major/minor

Course: HIST 133

Tier Designation: 2CP

Course Title: *Introduction to Non-Western History Since 1750: Cross-Cultural Perspectives*

Prerequisites: not HIST 131

Description: Introduces cross-cultural perspectives in non-Western history. Focus is on the major themes in human development, such as the rise of nationalism, modernization, and Westernization, in order to understand the nature of global and cultural interaction in the modern era.

Credit Hours: 4	Average Class Size: 150 lecture, 30 discussion
Average Weekly Reading: 100-150 pages	Average Number of Papers: book reports
Average Number of Quizzes: 5	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion	
Percentages in Final Grade: Quizzes	20-25%
Examinations	50-60%
Written Papers	15%

Major/Minor Requirement: Visual Communication, Journalism, History major/minor, Integrated Social Studies EDU, Middle Childhood EDU

Course: HIST 246

Tier Designation: 2CP

Course Title: *The Rise of Modern Asia*

Description: Introductory survey of the history of a vast region that has experienced considerable changes during the past 150 years. Ten units will compare the national experiences of China, Japan, Indonesia, Vietnam, South Korea, Taiwan, Singapore, and the Philippines through stages of transition from colonialism to independence movements, from agrarian to industrial economies, and from authoritarian dynastic states toward democratic nation-states.

Credit Hours – 4	
Major/Minor Requirement: History minor, East Asian Studies Certificate, International Studies: Asia Certificate	

Course: HLTH 202

Tier Designation: 2AS

Course Title: *Introduction to Health and Lifestyle Choices*

Prerequisites: FR or SOPH

Description: Practices and appreciation of means whereby health of individual and group may be maintained.

Credit Hours: 4	Average Class Size: 120
Average Weekly Reading: 40-50 pages	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade: Examinations	100%
Lab Work	Optional Extra Credit
Participation in Class Discussion	Optional Extra Credit

Major/Minor Requirement: Outdoor Education/Camping, Adventure Recreation, Athletic Training, Aviation, Community Health Services, Exercise Physiology, Family and Consumer Science EDU, Health Services Administration, Long-term Healthcare Administration, Special EDU

Course: HLTH 204

Tier Designation:

Course Title: *Alcohol, Tobacco, and Other Drugs*

Description: Presents basic pharmacology and toxicology of common drugs, alcohol, and tobacco and consequences of their abuse.

Credit Hours: 4	Average Class Size: 50-60 students
Average Weekly Reading: 1-10 pages	Average Number of Papers: 1
Average Number of Quizzes: 4	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Examinations	70%
Participation in Class Discussion, Quizzes	20%
Project	10%

Major/Minor Requirement: Adventure Recreation, Community Health Services, Health Services Administration, Long-term Healthcare Administration, Outdoor Education/Camping

Course: HLTH 205

Tier Designation:

Course Title: *Preventing HIV and STI's*

Description: Examines the signs and symptoms, methods of transmission, treatment and prevention of HIV and sexually transmitted infections (STI's). Emphasis on education as a means to reducing the risks of becoming infected.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 1-10 pages	Average Number of Papers: 1
Average Number of Quizzes: 5	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion/Interactive	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Examinations	70%
Written Papers	20%
Quiz/Attendance	10%

Major/Minor Requirement: Adventure Recreation, Community Health Services, Outdoor Education/Camping

Course: HLTH 215

Tier Designation:

Course Title: *Violence in America*

Description: Focuses on the etiology and prevention of violence as it occurs in the home, workplace, on American highways, and in the daily interactions with others. Emphasis placed on gender violence etiology, prevention, and reporting.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 20 pages	Average Number of Papers: 2
Average Number of Quizzes: 3	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice	
Percentages in Final Grade: Quizzes	40%
Examinations	25%
Written Papers	25%
Participation in Class Discussion	10%

Major/Minor Requirement: Community Health Services

Course: HSLS 107

Tier Designation:

Course Title: *Voice and Articulation*

Description: Designed to help each student recognize, evaluate, and compensate for or improve speech performance characteristics.

Credit Hours: 2	Average Class Size: 25
Average Weekly Reading: 15 pages	Average Number of Papers: 1
Average Number of Quizzes: 3	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion, Group Participation	
Types of Quizzes and Examinations: Multiple Choice, True-False, Actual Speech Performance	
Percentages in Final Grade: Quizzes	20%
Examinations	50%
Performance	30%

Course: HSLS 108**Course Title:** *Introduction to Communication Disorders* **Tier Designation:** 2AS

Description: Introduction to the field of human communication disorders, including disorders of hearing, speech, and language.

Credit Hours: 5 Average Class Size: 30 to 150 (varies)

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False (varies according to instructor)

Major/Minor Requirement: HSLS major/minor, Special EDU, Music Therapy

Course: HUM 107**Course Title:** *Humanities--Great Books***Tier Designation:** 2HL

Description: (fall) Ancient classics of Western civilization (Greek, Roman, Biblical) leading toward understanding of cultural heritage. Guidance in critical thinking, reading, and writing about those works.

Credit Hours – 4

Course: HUM 108**Course Title:** *Humanities--Great Books***Tier Designation:** 2HL

Description: (winter) Medieval and Renaissance classics of Western civilization. See 107 for further description.

Credit Hours – 4

Course: HUM 109**Course Title:** *Humanities--Great Books***Tier Designation:** 2HL

Description: (spring) Modern classics of Western civilization (18th-20th centuries). See 107 for further description.

Credit Hours – 4

Course: IART 117**Course Title:** *Introduction to Fine Arts***Tier Designation:** 2FA

Description: Designed to develop and increase the perceptual skills of students in the arts through an examination of subject, matter, form, and content in each art by means of a critical method of analysis.

Painting, sculpture, architecture, literature, and music are covered. Opportunities for participation with the arts through lectures, technical demonstrations, campus field trips, and small-group discussions.

Credit Hours: 4 Average Class Size: 25/200

Average Weekly Reading: 20-40 pages Average Number of Examinations: 3-5

Primary Instructional Method: Lecture/Discussion, Audio-Visual Presentation of Artifacts

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False (varies by professor)

Percentages in Final Grade:	Examinations (3)	65%	(exact percentage varies by professor)
	Written Papers and Projects	25%	
	Participation in Class Discussion	10%	

Major/Minor Requirement: Interior Architecture, Retail Merchandising, IART minor

Course: IART 118**Course Title:** *Introduction to Fine Arts***Tier Designation:** 2FA

Description: Designed to develop and increase the perceptual skills of students in the arts through an examination of subject, matter, form, and content in each art by means of a critical method of analysis.

Photography, film, theater, dance, and opera are covered. Opportunities for participation with the arts through lectures, technical demonstrations, campus field trips, and small-group discussions.

Credit Hours: 4 Average Class Size: 25/200

Average Weekly Reading: 20-40 pages Average Number of Papers: 2-5

Average Number of Examinations: 2-5

Primary Instructional Method: Lecture/Discussion, Audio-Visual Presentation of Artifacts

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False (varies by professor)

Percentages in Final Grade:	Examinations (3)	65%	(exact percentage varies by professor)
	Written Papers and Projects	25%	
	Participation in Class Discussion	10%	

Major/Minor Requirement: Interior Architecture, Retail Merchandising, IART minor

Course: IART 211**Course Title:** *History of Art***Tier Designation:** 2FA

Prerequisites: Not A H 211

Description: Survey of Western painting, sculpture, and architecture from prehistoric to early Christian.

Students advised but not required to enroll in 211, 212, and 213 in sequence.

Credit Hours: 4

Major/Minor Requirement: IART minor

Course: IART 212**Course Title:** *History of Art***Tier Designation:** 2FA

Prerequisites: Not A H 212

Description: Continuation of 211 from early Christian period of Europe through Renaissance. Students advised but not required to enroll in 211, 212, and 213 in sequence.

Credit Hours: 4

Major/Minor Requirement: IART minor

Course: IART 213**Course Title:** *History of Art***Tier Designation:** 2FA

Prerequisites: Not A H 213

Description: Continuation of 212 from Baroque period to present. Students advised but not required to enroll in 211, 212, and 213 in sequence.

Credit Hours: 4

Major/Minor Requirement: IART minor

Course: IART 270**Course Title:** *Theater History I***Tier Designation:** 2FA

Prerequisites: not THAR 270

Description: Development of theater and drama in prehistoric, Greek, and Roman periods.

Credit Hours: 4 Average Class Size: 60

Average Weekly Reading: 1 play + supplementary reading

Average Number of Papers: 6-8 short papers Average Number of Quizzes: 5

Average Number of Examinations: 2

Primary Instructional Method: 2 lectures, 1 discussion

Percentages in Final Grade: Papers & Discussion 20%

Quizzes 20%

Mid-term 20%

Final Exam 40%

Major/Minor Requirement: IART minor

Course: IART 271**Course Title:** *Theater History II***Tier Designation:** 2FA

Prerequisites: not THAR 271

Description: Development of theater and drama in Medieval and Renaissance periods.

Credit Hours: 4 Average Class Size: 60

Average Weekly Reading: 1 play + supplementary reading

Average Number of Papers: 6-8 short papers Average Number of Quizzes: 5

Average Number of Examinations: 2

Primary Instructional Method: 2 lectures, 1 discussion

Percentages in Final Grade: Papers & Discussion 20%

Quizzes 20%

Mid-term 20%

Final Exam 40%

Major/Minor Requirement: IART minor

Course: IART 272**Course Title:** *Theater History III***Tier Designation:** 2FA

Prerequisites: not THAR 272

Description: Development of theater and drama from Renaissance to modern.

Credit Hours: 4 Average Class Size: 60

Average Weekly Reading: 1 play + supplementary reading

Average Number of Papers: 6-8 short papers Average Number of Quizzes: 5

Average Number of Examinations: 2

Primary Instructional Method: 2 lectures, 1 discussion

Percentages in Final Grade: Papers & Discussion 20%

Quizzes 20%

Mid-term 20%

Final Exam 40%

Major/Minor Requirement: IART minor

Course: INDO 111**Course Title:** *Elementary Indonesian/Malaysian***Tier Designation:** 2CP

Description: (fall) Beginning course of 3-quarter 1st-year sequence.

Credit Hours: 4 Average Class Size: 12

Average Weekly Reading: 5 pages Average Number of Quizzes: 8

Average Number of Examinations: 2

Primary Instructional Method: Conversation, Group Work, Speaking, Communicative Approach, and Culture

Types of Quizzes and Examinations: Sentence Completion, Oral Exams, Multiple Choice

Percentages in Final Grade Quizzes 25%

Examinations 35%

Written Papers 5%

Lab Work 10%

Participation in Group Work 25%

Major/Minor Requirement: International Studies: Asia Certificate

Course: INST 103**Course Title:** *Modern Asia***Tier Designation:** 2CP

Description: Introduction to history, cultures, and current problems of civilizations of Asia. Interdisciplinary survey dealing with China, Japan, India, and Southeast Asia (Burma, Thailand, Vietnam, Cambodia, Laos, Malaysia, Singapore, Indonesia, and the Philippines).

Credit Hours: 5 Average Class Size: 60

Average Weekly Reading: 50-75 pages Average Number of Papers: 1

Average Number of Quizzes: 1 Average Number of Examinations: 1

Primary Instructional Method: Lecture/Discussion Types of Quizzes and Examinations: Essay

Percentages in Final Grade: Examinations 50%

Written Papers 40%

Quizzes 10%

Major/Minor Requirement: Community Health Services, International Studies, International Studies: Asia Certificate

Course: INST 113**Course Title:** *Modern Africa***Tier Designation:** 2CP

Description: Interdisciplinary introductory survey of Africa, its culture, history, and modern development.

Disciplines included: anthropology, art, economics, education, geography, history, linguistics, literature, and political science.

Credit Hours: 4 Average Class Size: 40

Average Weekly Reading: 30 pages Average Number of Papers: 1

Average Number of Quizzes: 4 Average Number of Examinations: 2

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice

Percentages in Final Grade: Quizzes 33%

Examinations 33%

Written Papers 33%

Major/Minor Requirement: Community Health Services, International Studies, International Studies: Africa Certificate

Course: INST 118**Course Title:** *European Studies***Tier Designation:** 2CP

Description: An interdisciplinary introduction to Europe and European Studies through discussion of selected topics from the perspectives of geography, history, politics, sociology, economics, literature, and the arts. Special emphasis is given to post-cold-war issues, problems, and developments.

Credit Hours: 4 Average Class Size: 50

Average Weekly Reading: 35-50 pages Average Number of Papers: 1

Average Number of Quizzes: 0 Average Number of Examinations: 2

Primary Instructional Method: Lecture by various faculty teaching about Europe. Selected videos and slides.

Types of Quizzes and Examinations: Short Answer, Mapping, Essay

Percentages in Final Grade: Mid-Term 30%

Research Paper 30%

Final 40%

Major/Minor Requirement: International Studies, International Studies: European Studies Certificate

Course: INST 121**Course Title:** *Interdisciplinary Survey of Latin America***Tier Designation:** 2CP

Description: Introduction to Latin America through anthropology, geography, history, politics, economics, music, literature, and art. Special emphasis given to 20th-century issues, problems, and developments.

Credit Hours: 4 Average Class Size: 40

Average Weekly Reading: 35 pages Average Number of Papers: 0

Average Number of Quizzes: 0 Average Number of Examinations: 2

Primary Instructional Method: Lecture by the various faculty teaching about Latin America.

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade: Examinations 100%

Major/Minor Requirement: Community Health Services, International Studies, International Studies: Latin American Studies

Course: ISE 200**Course Title:** *Introduction to Computers and Industrial Engineering* **Tier Designation:** 2AS

Description: Introduces the major skills that Industrial Engineers are responsible for in practice, including engineering economy, methods of analysis, and system design. The applications and important features of office software, especially spreadsheets, are explained, with examples related to the IE skills that are discussed.

Credit Hours: 4 Average Class Size: 30

Average Weekly Reading: 10-20 pages Average Number of Papers: 0

Average Number of Quizzes: 0 Average Number of Examinations: 2

Primary Instructional Method: Lecture

Percentages in Final Grade: Homework 50%

Midterm 25%

Final 25%

Major/Minor Requirement: Industrial and Systems Engineering

Course: IT 101**Course Title:** *Engineering Graphics Fundamentals***Tier Designation:**

Description: Basic theory and practice in engineering drawing. Topics include geometric construction, orthographic projection, dimensioning, and auxiliary, section, and pictorial views. Lab activities include free-hand sketching and computer-aided design (CAD) using AutoCAD and SolidEdge software.

Credit Hours: 3 Average Class Size: 80 (lecture), 20-24 (lab)

Average Weekly Reading: 40 pages Average Number of Quizzes: 5

Average Number of Examinations: 1

Primary Instructional Method: Lecture (2 lectures and 3 labs per week)

Types of Examinations: Multiple Choice

Percentages in Final Grade: Examinations 15%

Lab Work 75%

Major/Minor Requirement: Civil Engineering, Industrial and Systems Engineering, Industrial Technology, Mechanical Engineering

Course: IT 110**Course Title:** *Introduction to Manufacturing Processes***Tier Designation:** 2AS

Description: Survey of industrial materials and processes with applications to current manufactured consumer products. Emphasis is placed on generic processes such as forming and separating as applied to a variety of industrial materials.

Credit Hours: 4

Major/Minor Requirement: Sales Certificate (Professional)

Course: IT 111**Course Title:** *Manufacturing Materials***Tier Designation:**

Description: Survey of industrial materials used in manufacturing. Includes characteristics and applications of ceramic, metallic, and polymeric materials, primary and secondary manufacturing processes for conversion into standard stock, parts and finished products and relationships between product requirements and materials characteristics. Lab activities emphasize use of manufacturing documentation and tooling to produce quality products.

Credit Hours: 4

Average Class Size: 25

Average Weekly Reading: 30 pages

Average Number of Papers: 4

Average Number of Quizzes: 4

Average Number of Examinations: 3

Primary Instructional Method: Lecture/Discussion (3 hrs/wk), Lab (2 hrs/wk)

Types of Quizzes and Examinations: Essay, Multiple Choice, True-False

Major/Minor Requirement: Industrial Technology

Course: ITAL 111**Course Title:** *Elementary Italian***Tier Designation:** 2CP

Description: (fall) Beginning course of 3-quarter 1st-year sequence.

Credit Hours: 4

Average Class Size: 25

Average Weekly Reading: 16 pages

Average Number of Papers: 0

Average Number of Tests: 5 tests

Average Number of Examinations: 1 midterm exam; 1 final exam

Primary Instructional Method: Lecture, Lecture/Discussion, Group Activities, Practice in Speaking, Listening, Reading, & Writing

Types of Quizzes and Examinations: Sentence Completion and Questions/Answers, Grammar and Cultural Questions, Oral Exams

Percentages in Final Grade:	Tests	50%
	Midterm/Final	30%
	Lab Work, Homework	6%
	Class Participation	10%
	Oral Presentation	4%

Major/Minor Requirement: Voice (music), International Studies: European Studies Certificate

Course: ITS 101**Course Title:** *Consumer Issues in Communication Systems Management***Tier Designation:** 2AS

Prerequisites: non-majors only

Description: Provides a broad overview of issues in voice, data, and image communications. Topics focus on consumer issues, technological advancements, and the impact of communication systems on society.

Credit Hours: 4

Average Class Size: 125

Average Weekly Reading: 10 pages

Average Number of Papers: 0

Average Number of Quizzes: 4

Average Number of Examinations: 4

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Multiple Choice, True-False

Percentages in Final Grade:	Quizzes	25%
	Examinations	75%

Major/Minor Requirement: Aviation

Course: ITS 201**Course Title:** *Understanding Internet Technology***Tier Designation:** 2AS

Description: A survey of the technologies that make the internet useful. Most visibly, this includes the World-wide Web, e-mail, file transfer, and packet telephony. At the network level, this includes layered protocols, packet switching, LANs, WANs, routing, TCP/IP. Security issues - worms, viruses and spyware - will be discussed.

Credit Hours: 4

Course: JOUR 101**Course Title:** *Journalism and Society***Tier Designation:**

Prerequisites: no credit if JOUR 105 or MDIA 101 or MDIA 105

Description: An overview of the nature, purposes, and influence of journalistic work within its social, political, economic, historical, and international contexts.

Credit Hours: 4

Major/Minor Requirement: all journalism majors

Course: JOUR 105**Course Title:** *Introduction to Mass Communication***Tier Designation:** 2SS

Prerequisites: no credit if JOUR 101 or MDIA 105

Description: All forms of mass communication including newspapers, magazines, radio-television, book publishing, public relations, advertising, and photojournalism. Begins with analysis of communication process and ends with media career opportunities. Same as MDIA 105.

Credit Hours: 4

Average Class Size: 80

Average Weekly Reading: 50 pages

Average Number of Papers: 2

Average Number of Quizzes: 4

Average Number of Examinations: 3

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Multiple Choice, Short Answer

Percentages in Final Grade:	Quizzes	20%
	Examinations	50%
	Papers	20%
	Final	10%

Course: JPC 250**Course Title:** *Introduction to Japanese Language and Culture***Tier Designation:** 2CP

Description: (spring) Introduction to cultural traditions of Japan and its language. English translations are used.

Credit Hours: 4

Average Class Size: 25

Average Weekly Reading: 50 pages

Average Number of Papers: 1 (final term paper)

Average Number of Quizzes: 8 and a final term paper / no final exam

Primary Instructional Method: Lecture/Discussion, Interactive Cross-Cultural Experiences in Class

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade:	Weekly Quizzes	50%
	Attendance/Class Participation	20%
	Homework Assignments	10%
	Term Paper	15%
	News Journals	5%

Course: JPN 111**Course Title: Elementary Japanese****Tier Designation: 2CP**

Description: (fall) Beginning course of 3-quarter 1st-year sequence.

Credit Hours: 4	Average Class Size: 15
Average Weekly Reading: 20 pages	Average Number of Papers: 2
Average Number of Quizzes: 20	Average Number of Examinations: 3

Primary Instructional Method: Communicative Approach, Group Work, Speaking, Conversation, and Culture

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, Oral Exams

Percentages in Final Grade:	Quizzes	15%
	Examinations	25%
	Written Work	10%
	Assignments	30%
	Participation in Class Discussion	10%
	Other	10%

Major/Minor Requirement: East Asian Studies Certificate, International Studies: Asia Certificate

Course: LAT 111**Course Title: Beginning Latin****Tier Designation: 2CP**

Description: Latin 111 is the first in a sequence that aims to present the fundamentals of Latin grammar in one year. Learning forms and sentence structures and applying these to reading passages—mostly stories from myth—will be our goal from the beginning. Classroom work will include translation and some spoken Latin; homework will include translation, exercises of various kinds, and keeping a notebook of vocabulary and forms. Text: Latin Via Ovid. Latin meets the Arts and Sciences language requirement.

Credit Hours: 4	Average Class Size: 25
Average Number of Papers: 0	Average Number of Quizzes: 8-10
Average Number of Examinations: 3-4	

Primary Instructional Method: Lecture/Discussion, Instruction & Student Involvement, Practice in Reading & Analysis

Major/Minor Requirement: Classical Civilization

Course: LAT 211**Course Title: Intermediate Latin****Tier Designation: 2HL**

Prerequisites: LAT 111 or 2-3 years h.s. Latin

Description: This course marks the transition from learning basic forms and constructions of Latin in the first year course, to reading and analyzing Latin texts by ancient authors. The first few weeks consist of Latin review, then we will read extended Latin prose and poetry.

Credit Hours: 4	Average Class Size: 15
Average Weekly Reading: 8	Average Number of Papers: 0
Average Number of Quizzes: 8	Average Number of Examinations: 3

Primary Instructional Method: Lecture/Discussion, Reading, Identification of Grammatical Structure

Types of Quizzes and Examinations: Translation and Grammatical Analysis

Percentages in Final Grade:	Quizzes	20%
	Examinations	50%
	Participation in Class Discussion	30%

Major/Minor Requirement: Classical Civilization

Course: LING 270**Course Title: The Nature of Language****Tier Designation: 2SS**

Description: Nontechnical introduction to the basic nature of human language: its sound patterns, structure of words and sentences, nature of meaning, children's acquisition of language, animal communication, ways languages change, etc.

Credit Hours: 5	Average Class Size: 30
Average Weekly Reading: 30 pages	Average Number of Papers: 2-3
Average Number of Quizzes: 0	Average Number of Examinations: 3

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False, Short Answer, Data Analysis

Percentages in Final Grade:	Examinations	50%
	Written Papers	30%
	Participation in Class Discussion	10%
	Homework Problems	10%

Major/Minor Requirement: Linguistics major/minor, Middle Childhood Language Arts EDU

Course: MATH 101**Course Title: Basic Mathematics****Tier Designation:**

Prerequisites: Math placement level DV1 and no credit if math course above 101.

Description: Developmental course in arithmetic and elementary algebra for students with unusually weak backgrounds. Credit applies as hours toward graduation but meets no other college requirement. No credit to student who has passed higher-level mathematics course.

Credit Hours – 4

Course: MATH 102**Course Title: Elementary Algebra****Tier Designation:**

Prerequisites: MATH 101 or MATH placement level DV2 and no credit if math course above 102.

Description: Developmental course in algebra for students with unusually weak backgrounds. A maximum of 8 credit hours of developmental courses may be applied for graduation. Meets no other college requirement.

Credit Hours – 4

Course: MATH 109**Course Title: Consumer Mathematics****Tier Designation: 1M**

Prerequisites: MATH 101 or MATH 102 or math placement level 1 or higher

Description: Applications of elementary mathematics to day-to-day problems. Special emphasis on consumer topics such as compound interest, mortgages, and installment buying. Scientific calculator required. Does not apply to Arts and Sciences requirements. No credit for those with credit for a course above 150.

Credit Hours: 4	Average Class Size: 30-40	
Average Number of Examinations: 4	Primary Instructional Method: Interactive lecture	
Types of Quizzes and Examinations: Computational		
Percentages in Final Grade?	Quizzes	25%
	Examinations	75%

Course: MATH 113**Supplemental Instruction Available****Course Title: Algebra****Tier Designation: 1M**

Prerequisites: MATH 101 or MATH 102 or math placement level 1 or higher

Description: Topics in algebra including functions, linear equations and systems, polynomials, rational and radical expressions, quadratics equations, exponential and logarithmic functions, and inequalities. Graphing calculators are employed. No credit to those with credit for 117 or 263A.

Credit Hours: 5	Average Class Size: 40
Average Number of Examinations: 4	

Primary Instructional Method: Interactive lecture with some collaborative learning

Types of Quizzes and Examinations: Computational both with and without graphing calculator

Percentages in Final Grade?	Quizzes, Class Participation	
	& Collected Work	10%
	Examinations	90% (30% final, 60% hourly exams)

Major/Minor Requirement: Athletic Training, Retail Merchandising, Aviation, Community Health Services, Dietetics, Integrated Science EDU, Life Science EDU, Restaurant/Hotel/Tourism

Course: MATH 115**Supplemental Instruction Available****Course Title:** *Pre-Calculus***Tier Designation:** 1M

Prerequisites: MATH 113 or math placement level 2 or higher.

Description: Graphs, inverses, and operations of functions. Study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Additional topics from trigonometry and analytic geometry.

Recommended for students intending to enroll in the 263 calculus sequence.

Credit Hours: 5
Average Weekly Reading: 10-15 pages
Average Number of Quizzes: 6
Average Number of Examinations: 3

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Computational

Percentages in Final Grade: Quizzes and Collected Work 25%
Examinations 75% (including final)

Major/Minor Requirement: Athletic Training, Environmental Biology, Human Biology, Dietetics, Environmental Health Sciences, Geological Sciences (BA), Integrated Science EDU, Life Science EDU

Course: MATH 120**Course Title:** *Elementary Topics in Mathematics***Tier Designation:** 1M

Prerequisites: (math placement level 1 or higher) and (education or primary early childhood major)

Description: 120-121-122 is a sequence for majors in elementary education and related fields. Emphasis of 120 is on number systems and related properties. 121 and 122 focus on topics related to elementary curriculum including geometry, algebra, statistics, and probability. Satisfies Tier I requirement for elementary education majors only. Does not apply to Arts and Sciences natural science requirements.

Credit Hours: 4
Average Class Size: 40
Average Weekly Reading: 35 pages
Average Number of Quizzes: 4

Average Number of Examinations: 4 (including final exam)

Primary Instructional Method: Interactive Lecture

Types of Quizzes and Examinations: True-False (some), Open-ended Problems with Justifications Required

Percentages in Final Grade: Quizzes 10%
Examinations 80%
Homework 10%

Major/Minor Requirement: Early Childhood EDU, Middle Childhood EDU, Special EDU

Course: MATH 147**Course Title:** *Introductory Game Theory***Tier Designation:** 1M

Prerequisites: MATH 101 or math placement level 1 or higher

Description: The course introduces mathematical models for situations of conflict, whether actual or recreational. Topics include matrix representation of games, two-person and n-person games, zero and nonzero-sum games, Nash equilibria, cooperation and the prisoner's dilemma. Application to topics such as warfare, business decisions, football, environmental policy, evolution, voting, and poker will be considered.

Credit Hours: 4
Average Class Size: 40
Average Weekly Reading: 15 pages
Average Number of Papers: 0
Average Number of Quizzes: 0
Average Number of Examinations: 2

Primary Instructional Method: Lecture/Group Activities

Percentages in Final Grade: Examinations 75%
In-Class Group Assignments 25%**Course: MATH 150****Course Title:** *Finite Mathematics***Tier Designation:** 1M

Prerequisites: MATH 113 or math placement level 2 or higher.

Description: Set theory, logic, vectors and matrices, linear programming.

Credit Hours: 4
Average Class Size: 40
Average Number of Quizzes: 4
Average Number of Examinations: 4

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Mostly Computational

Percentages in Final Grade: Quizzes 20%
Examinations 80%**Course: MATH 163A****Supplemental Instruction Available****Course Title:** *Introduction to Calculus***Tier Designation:** 1M, 2AS

Prerequisites: (MATH 113 or placement level 2 or higher) and (not MATH 263A or 266A)

Description: Presents a survey of basic concepts of calculus. For students who want an introduction to calculus, but do not need depth of 263A-B-C.

Credit Hours: 4
Average Class Size: 45 or large lecture (140)
Average Weekly Reading: 20 pages
Average Number of Papers: 0
Average Number of Quizzes: 4
Average Number of Examinations: 4

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Solving Problems

Percentages in Final Grade: Quizzes 20%
Examinations 80%

Major/Minor Requirement: Athletic Training, Aviation, Business, Chemistry (BA), Community Health Services, Dietetics, Economics, Environmental Chemistry (BA), Environmental Health Sciences, Exercise Physiology, Environmental Geography/Prelaw, Industrial Hygiene, Industrial Technology, Life Science EDU, Nutrition with Science, PBIO, Psychology/Pre-physical Therapy, Restaurant/Hotel/Tourism, Retail Merchandising, Sport Management

Course: MATH 250**Course Title:** *Introduction to Probability and Statistics I***Tier Designation:** 1M

Prerequisites: MATH 113 or placement level 2 or higher & (not MATH 450A or PSY 120 or 121 or 221 or ISE 304 or 305)

Description: Organization of data, central tendency and dispersion, probability, concept of random variables, binomial and normal probability distributions.

Credit Hours: 4
Average Class Size: 40
Average Number of Papers: 0
Average Number of Quizzes: 0
Average Number of Examinations: 3
Primary Instructional Method: Lecture
Percentages in Final Grade: Exam 1 20%
Exam 2 20%
Final Exam 40%

Major/Minor Requirement: Business, Math minor, Geographic Information Science (GIS) Certificate.

Course: MATH 263A**Supplemental Instruction Available****Course Title:** *Calculus I***Tier Designation:** 1M, 2AS

Prerequisites: MATH 115 or placement level 3

Description: Limits and differentiation, including trigonometric functions. Applications of the derivative.

NOTE: Students cannot earn credit for both 263A and either of 163A or 266A.

Credit Hours: 4
Average Class Size: 40
Average Weekly Reading: 25 pages
Average Number of Papers: 0-2
Average Number of Quizzes: 6
Average Number of Examinations: 3 (plus final)
Primary Instructional Method: Lecture/Discussion
Percentages in Final Grade: Quizzes, Projects, and collected work 30%
Examinations 70%
Lab Work Extra Credit

Major/Minor Requirement: PBIO, Psychology/Pre-physical Therapy, Restaurant/Hotel/Tourism, Retail Merchandising, Astrophysics, Athletic Training, All Engineering, All Chemistry (BS), Biochemistry, Community Health Services, Computer Science, Dietetics, Nutrition with Science, Physical Science EDU, Environmental Chemistry (BS), Environmental Health Sciences, Exercise Physiology, Environmental Geography/Prelaw, Meteorology, Geology (BS), Environmental Geology, Industrial Hygiene, Integrated Math EDU, Middle Childhood Math EDU, Physics, Math major/minor.

Course: MDIA 105 (formerly TCOM 105)**Course Title:** *Introduction to Mass Communication***Tier Designation:** 2SS**Prerequisites:** no credit if JOUR 101 or JOUR 105

Description: All forms of mass communication including newspapers, magazines, radio-television, book publishing, public relations, advertising, and photojournalism. Begins with analysis of communication process and ends with media career opportunities.

Credit Hours: 4	Average Class Size: 100
Average Weekly Reading: 50 pages	Average Number of Papers: 2
Average Number of Examinations: 2	
Primary Instructional Method: Lecture, Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Examinations 80%	
Written Papers 20%	

Course: M E 100**Course Title:** *Introduction to Mechanical Engineering***Tier Designation:** 2AS

Description: Open to students of all majors. Introduction to the history, professional values, and methods of mechanical engineering. Lab work provides hands-on experience with engineering systems and introduces engineering design, graphical, and computer techniques of problem solving. Discussion of current areas of interest for engineering research and future prospects for technology. No specific mathematics background required.

Credit Hours: 4

Course: MIS 201B**Course Title:** *Introduction to Information Analysis and Design***Tier Designation:**

Description: The course will investigate how best to visually display information in multiple contexts. The course will explore Web design, usability, information architecture, and the visual display of quantitative information. The focus will be on how best to convey information through user interfaces, graphs, and charts using Excel. The course will combine elements from management information systems, finance, accounting, marketing, graphic design, and statistics. Students will be asked to produce and evaluate effective and efficient information designs. Students will be challenged to solve problems using a Systems Development Life Cycle (SDLC) approach.

Credit Hours: 4	Average Class Size: 30
Average Weekly Reading: 20-40 pages	Average Number of Papers: 3
Average Number of Quizzes: 5-8	Average Number of Examinations: 0
Primary Instructional Method: Lecture	

Percentages in Final Grade: Quizzes 35%	
Projects 35%	
Lab Work 25%	
Class Discussion 5%	

Major/Minor Requirement: Retail Merchandising major/minor, Aviation, Criminal Justice, Business, Dietetics, Interior Architecture, Nutrition with Science, Recreation Management, Restaurant/Hotel/Tourism

Course: M SC 101**Course Title:** *Fundamental Military Leadership Concepts***Tier Designation:****Prerequisites:** FR or SOPH only

Description: Broad overview of the Army as an institution of the U.S. government. Introductory course to the Army's Reserve Officer Training Corps (ROTC) and overview of the curriculum that can lead to a commission as a second lieutenant in the U.S. Army. Increases self-confidence through activities in basic drill, physical fitness, rappelling, and firing the M-16 rifle. Teaches fundamental concepts of leadership in a profession in both classroom and outdoor laboratory environment. 1 hr. and an optional 2 hr. lab, 110A, plus optional participation in a 1-hr. session for physical fitness and one weekend exercise.

Credit Hours: 1	Average Class Size: 16
Average Weekly Reading: 15 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations 40%	
Written Papers 10%	
Projects 30%	
Participation in Class Discussion 20%	

Major/Minor Requirement: ROTC program

Course: M SC 102**Course Title:** *Fundamental Military Concepts and Basic Leadership I***Tier Designation:****Prerequisites:** FR or SOPH only

Description: Provides an understanding of selected basic soldier skills that are essential to the Army's ability to win on the modern battlefield. Develops communication and leadership skills to improve individual performance and group interaction. Reinforces self-confidence through participation in basic drill, physical fitness, and a water survival exercise. Provides hands-on training of basic individual skills both in the classroom and outdoor laboratory environment. 1 hr. and an optional 2 hr lab, 110B, plus optional participation in a 1-hr. session for physical fitness and a weekend exercise.

Credit Hours: 1	Average Class Size: 16
Average Weekly Reading: 15 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations 40%	
Written Papers 10%	
Projects 30%	
Participation in Class Discussion 20%	

Major/Minor Requirement: ROTC program

Course: M SC 103**Course Title:** *Basic Military Leadership II***Tier Designation:****Prerequisites:** FR or SOPH only

Description: Continuation of selected basic soldier skills that are essential to the Army's ability to win on the modern battlefield. Develops skills to navigate on the ground by understanding map reading. Reinforces self-confidence through participation in basic drill, physical fitness, rappelling, and a land navigation exercise. Provides hands-on training of basic individual skills both in the classroom and outdoor laboratory environment. 1 hr. and an optional 2 hr. lab, 110C, plus optional participation in a 1 hr. session for physical fitness and a weekend exercise.

Credit Hours: 1	Average Class Size: 16
Average Weekly Reading: 15 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Examinations 40%	
Written Papers 10%	
Projects 30%	
Participation in Class Discussion 20%	

Major/Minor Requirement: ROTC program

Course: MUS 100**Course Title:** *Introduction to Music Theory***Tier Designation:** 2FA

Prerequisites: non-music major

Description: Introduction to staff, pitch, and rhythmic notation, chords, pop music notation, etc.

Credit Hours: 3	Average Class Size: 35-50
Average Weekly Reading: 35 pages	Average Number of Papers: 0
Average Number of Quizzes: 3-4	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Direct Application of Material	
Percentages in Final Grade: Quizzes	10%
Examinations	90%
Major/Minor Requirement: Music minor	

Course: MUS 101**Course Title:** *Music Theory I***Tier Designation:**

Prerequisite: music major

Description: Melodic, harmonic, and rhythmic principles of music and its notation.

Credit Hours: 3	Average Class Size: 20-25
Average Weekly Reading: 20 pages	Average Number of Papers: 0
Average Number of Quizzes: 5	Average Number of Examinations: 3-4
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Sentence Completion, Oral Exams, Other	
Percentages in Final Grade: Quizzes	20%
Examinations	50%
Projects	10%
Lab Work (aural skills)	20%

Major/Minor Requirement: Music Composition, Music Education, Music History and Literature, Music Theory, Music Therapy, Orchestral Instruments, Organ, Piano/Piano Pedagogy, Voice

Course: MUS 101A**Course Title:** *Music Theory***Tier Designation:**

Prerequisite: non major and ability to read music

Description: Melodic, harmonic, and rhythmic principles of music and its notation.

Credit Hours: 3	Average Class Size: 20-25
Average Weekly Reading: 20 pages	Average Number of Papers: 0
Average Number of Quizzes: 5	Average Number of Examinations: 3-4
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Sentence Completion, Oral Exams, Other	
Percentages in Final Grade: Quizzes	20%
Examinations	50%
Projects	10%
Lab Work (aural skills)	20%

Major/Minor Requirement: Music minor, Music Production

Course: MUS 104**Course Title:** *Dictation and Sight-Singing I***Tier Designation:**

Prerequisite: music major

Description: Acquisition of skills in the aural perception and reading of melodic, harmonic, and rhythmic musical structure. Should be taken concurrently with 101.

Credit Hours: 1	Average Class Size: 20-25
Average Number of Quizzes: 3	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Oral Exams	
Percentages in Final Grade: Quizzes	40%
Examinations	40%
Lab Work	20%

Major/Minor Requirement: Music Composition, Music Education, Music History and Literature, Music Theory, Music Therapy, Orchestral Instruments, Organ, Piano/Piano Pedagogy, Voice

Course: MUS 120**Course Title:** *Exploring Musical Styles***Tier Designation:** 2FA

Prerequisites: non-music major and not MUS 125

Description: Development of listening skills for understanding elements of musical style in historical perspective and significance of music as fine art.

Credit Hours: 3	Average Class Size: 125
Average Weekly Reading: 25 pages	Average Number of Papers: 2
Average Number of Quizzes Given: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Examinations	76%
Written Papers	24%
Major/Minor Requirement: Music minor	

Course: MUS 121**Course Title:** *Introduction to World Music***Tier Designation:** 2CP

Description: Provide a survey of music as it exists in many cultures. As an introduction to the study of world music students will experience and understand the values and meaning of music in the lives of diverse human communities.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading:	Average Number of Papers: 8
Average Number of Quizzes: 0	Average Number of Examinations: 4
Primary Instructional Method: Lecture	
Percentages in Final Grade: Examinations	60%
Listening Exercises	5%
Video Projects	5%
Listening Notes	10%
Final Group Project	20%

Course: MUS 124**Course Title:** *History of Rock Music***Tier Designation:** 2FA

Description: Examines birth, growth, and development of rock music through its acceptance as art form with significant influence on youth culture and resulting social implications.

Credit Hours: 3	Average Class Size: 200+
Average Weekly Reading: 40-50 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade: Examinations	100%
Major/Minor Requirement: Music minor	

Course: MUS 125**Course Title:** *Introduction to Music History and Literature***Tier Designation:** 2FA

Prerequisites: not MUS 120

Description: Survey of musical forms, styles, performance media (including jazz and non-Western) from Gregorian era to present.

Credit Hours: 4	Average Class Size: 56
Average Weekly Reading: 20 pages	Average Number of Papers: 1
Average Number of Quizzes: 2	Average Number of Examinations: 2
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade? Quizzes (2)	12%
Examinations (2)	76%
Written Papers (1)	12%

Major/Minor Requirement: Music minor

Course: MUS 163**Course Title:** *Introduction to Music Education***Tier Designation:**

Description: Introduction of major components of teaching music in elementary and secondary schools.

Credit Hours: 2

Average Class Size: 25

Average Weekly Reading: 15-20 pages

Average Number of Papers: 1

Average Number of Examinations: 2

Primary Instructional Method – Lecture/Discussion

Types of Quizzes and Examinations: Essay

Percentages in Final Grade: Examinations
Written Papers50%
50%

Major/Minor Requirement: Music Education

Course: MUS 178**Course Title:** *Computer Skills for Musicians***Tier Designation:**

Prerequisites: music major only

Description: Provides a basic overview of computer technology and terminology and introduces various software tools for musicians.

Credit Hours: 2

Average Class Size: 12

Average Weekly Reading: 2 pages

Average Number of Papers: 0

Average Number of Quizzes: 1

Average Number of Examinations: 0

Primary Instructional Method: Lecture/Discussion; Lecture/Lab

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade: Quizzes

13.3%

Projects and Lab Work

80.0%

Attendance

6.7%

Major/Minor Requirement: Music Composition, Music Education, Music Theory, Music Therapy

Course: MUS 178A**Course Title:** *Computer Skills for Musicians, Nonmajors***Tier Designation:**

Prerequisites: non music major only

Description: Provides a basic overview of computer technology and terminology and introduces various software tools for musicians.

Credit Hours: 2

Average Class Size: 12

Average Weekly Reading: 2 pages

Average Number of Papers: 0

Average Number of Quizzes: 1

Average Number of Examinations: 0

Primary Instructional Method: Lecture/Discussion; Lecture/Lab

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade: Quizzes

13.3%

Projects and Lab Work

80.0%

Attendance

6.7%

Major/Minor Requirement: music minor

Course: MUS 181**Course Title:** *Introduction to Music Therapy***Tier Designation:**

Description: Introduction to clinical practice of music therapy; clinical observation.

Credit Hours: 3

Average Class Size: 20

Average Weekly Reading: 20 pages

Average Number of Papers: 1

Average Number of Quizzes: 3-4

Average Number of Examinations: 3 and Final

Primary Instructional Method: Lecture/Discussion with demonstrations, videotapes, and clinical observations.

Types of Quizzes and Examinations: 60% Objective/40% Essay

Percentages in Final Grade: Examinations

80%

Quizzes

15%

Paper

5%

Major/Minor Requirement: Music Therapy

Course: PBIO 100/100L**Course Title:** *The World of Plants***Tier Designation:** 2NS

Description: For non-science majors. Survey of variety of plants and how they affect and are affected by humans.

Credit Hours: 100 is 4 credits, 100L is 5 credits

Average Class Size: 200

Average Weekly Reading: 20 pages

Average Number of Papers: 0

Average Number of Quizzes: 4

Average Number of Examinations: 3

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Essay, Multiple Choice, Matching, Fill in Blanks, Label Drawings

Percentages in Final Grade: Examinations

70%

Quizzes

10%

Attendance

10%

In-class activities

10%

Major/Minor Requirement: Early Childhood EDU (with Lab), Middle Childhood EDU (with Lab)

Course: PBIO 103**Course Title:** *Plants and People***Tier Designation:** 2AS

Description: Interrelationships of plants and humans from both historical and modern points of view, origins of agriculture and civilization, tropical and temperate food plants, medicinal plants, drug plants, destruction of environment, and its ultimate effect on plants.

Credit Hours: 4

Average Class Size – 80-200

Average Weekly Reading: 25 pages

Average Number of Papers: 0-1

Average Number of Quizzes Given: 0-7

Average Number of Examinations: 3

Primary Instructional Method: Lecture & Demonstrations

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade: Examinations

66-100%

Quizzes

0-13%

Paper

0-9%

Other

0-12%

Major/Minor Requirement: Earth Science EDU, Integrated Science EDU, Middle Childhood Science EDU, Outdoor Education/Camping

Course: PBIO 109**Tier Designation:** 2NS**Course Title:** *American Forests: Ecology, Conservation and Policy*

Description: (fall, spring) The course provides an understanding of modern forests encompassing both recent and long-term effects arising from natural and human causes. The pattern and character of forest utilization will be interpreted in terms of varied cultural experiences in different regions and times. 4 lec.

Credit Hours: 4

Average Class Size: 80

Average Weekly Reading: 20-40 pages

Average Number of Papers: 1

Average Number of Quizzes: 2-8

Average Number of Examinations: 2-3

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False

Percentages in Final Grade: Quizzes

10-20%

Examinations

50-70%

Written Papers

0-5%

Projects

10-30%

Participation in Class Discussion

5%

Major/Minor Requirement: Environmental Geography, Integrated Science EDU, Outdoor Education/Camping

Course: PBIO 114

Course Title: *Foundations of Plant Biology*

Tier Designation: 2NS

Prerequisites: not PBIO 110 or BIOS 170

Description: This course is an introduction to the concepts of plant physiology and cellular and molecular biology that are the foundation of all biological processes. Topics include DNA structure and function leading to genetics and evolution, theories of the origins of life leading to cell structure and function, and bioenergetics.

The lab provides supplemental information and hands-on activities to reinforce the lecture topics. 3 lec. 4 lab.

Credit Hours: 5	Average Class Size: 40 (lecture); 20 (lab)
Average Weekly Reading: 10 pages	Average Number of Papers: 2
Average Number of Quizzes: on-line self study	Average Number of Examinations: 4
Primary Instructional Method: Lecture/Discussion, Activity Based Laboratory	
Types of Quizzes and Examinations: Essay, Short Answer, Multiple Choice, Sentence Completion	
Percentages in Final Grade: Examinations	65%
Written Papers	5%
Lab Work	30%

Major/Minor Requirement: Chemical Engineering, Early Childhood EDU, Environmental Geography, Integrated Science EDU, Life Science EDU, Physical Science EDU, PBIO major/minor

Course: PBIO 115

Course Title: *Plant Structure and Development*

Tier Designation: 2NS

Description: (spring) For plant biology and other science majors, preprofessional students and science modular students. Introduction to structure, growth, development, and reproductive biology of plants with emphasis on flowering plants. No credit if PBIO 102 or 111. 3 lec, 2 lab.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 30 pages	Average Number of Quizzes: 5
Average Number of Examinations: 3	
Primary Instructional Method: Lecture, Laboratory	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion	
Percentages in Final Grade: Quizzes	5%
Examinations	65%
Lab Work	30%

Major/Minor Requirement: Environmental Geography, Life Science EDU, Middle Childhood Science EDU, PBIO major/minor

Course: PBIO 209

Course Title: *Plant Ecology*

Tier Designation: 2NS

Prerequisites: no credit if PBIO 425

Description: (winter) Basic concepts, theory, and applied aspects of plant ecology. Focus on the interactions of plants with their environment (biotic and abiotic) over a range of spatial and temporal scales. 4 lec.

Credit Hours: 4	Average Class Size: 80
Average Weekly Reading: 30 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 2
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice	
Percentages in Final Grade: Examinations	90%
Writing Assignments	10%

Major/Minor Requirement: Environmental Geography, Integrated Science EDU, International Studies, Life Science EDU, Outdoor Education/Camping, PBIO major/minor, Environmental Studies Certificate

Course: PESS 126

Course Title: *Skill and Fitness for Physical Education Teachers*

Tier Designation:

Prerequisites: FR or SOPH and not PESS 125

Description: Physical skill mastery and high levels of physical fitness are expectations of physical education teachers. This course introduces a variety of locomotor, non-locomotor, and manipulative skills designed to measure student's knowledge and motor ability. A series of physical activities that measure aerobic and anaerobic fitness, flexibility, muscular strength and endurance levels also are included.

Credit Hours: 4	Average Class Size: 20
Average Weekly Reading: 20 pages	Average Number of Papers: 2
Average Number of Quizzes: 0	Average Number of Examinations: 1
Primary Instructional Method: Lecture/Lab	
Types of Quizzes and Examinations: Essay	
Percentages in Final Grade: Examinations	8%
Written Papers/Projects	26%
Lab Work	60%
Other	6%

Major/Minor Requirement: Physical EDU

Course: PESS 202

Course Title: *Introduction to Physical Education/Teacher Education*

Prerequisites: FR or SOPH

Tier Designation:

Description: Introduces prospective physical educators to the multiple methods of becoming an effective teacher for children in pre-kindergarten (age 3) through grade 12. Observation of and content development in early childhood, middle childhood, and adolescent and young adult physical education programs will be explored.

Credit Hours: 4	Average Class Size: 25
Average Weekly Reading: 10-12 pages	Average Number of Papers: 3-5
Average Number of Examinations: 4	
Primary Instructional Method: Lecture/Discussion, Lab	
Types of Quizzes and Examinations: Essay	
Percentages in Final Grade: Examinations	40%
Written Papers	25%
Lab Work	25%
Participation in Class Discussion	10%

Major/Minor Requirement: Physical EDU

Course: PESS 227

Course Title: *First Aid: Work Place Training*

Tier Designation:

Prerequisites: not HLTH 227

Description: Presents the knowledge and skills of the American Red Cross Community First-Aid and Safety course including adult, child, and infant CPR. Certification granted upon successful completion. Special fee.

Credit Hours: 3	Average Class Size: 50
Average Weekly Reading: 15-20 pages	Average Number of Papers: 0
Average Number of Quizzes: 6	
Primary Instructional Method: Lecture/Lab	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade: Skills Check-Out Tests	10%
Written Quizzes and Practical Quizzes	15%
Written Exams and Practical Exams	75%

Major/Minor Requirement: Adventure Recreation, Exercise Physiology, Family Studies, HSLs, Theater Management, Special EDU (Moderate-Intensive), Outdoor Education/Camping, Physical EDU

Course: PESS 228

Course Title: *Cardiopulmonary Resuscitation*

Tier Designation:

Prerequisites: not HLTH 228

Description: Presents knowledge and skills of the American Red Cross Community CPR course, including instruction in adult, infant, and child skills. Certification granted upon successful completion. Special fee.

Credit Hours: 1	
Major/Minor Requirement: Adventure Recreation, Exercise Physiology, HSLs, Outdoor Education/Camping	

Course: PHIL 101**Course Title:** *Fundamentals of Philosophy***Tier Designation:** 2HL

Description: Survey of selected basic problems, concepts, and methods in philosophy. This Philosophy Department course is designed by each individual professor and varies widely in content, style, and method.

[Numbers in brackets indicate more than one set of responses given for this course. Information varies by Professor.]

Credit Hours: 4	Average Class Size: 45 [200]
Average Weekly Reading: 50 pages [20 pages]	Average Number of Papers: 1 [0]
Average Number of Quizzes: 6 [0]	Average Number of Examinations: 2 [4]

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Essay, Multiple Choice, True-False

Percentages in Final Grade: Quizzes	15%
Examinations	60% [100%]
Written Papers	25%

Major/Minor Requirement: Aviation, HSLS, Philosophy/Prelaw, Philosophy minor, Journalism

Course: PHIL 120**Course Title:** *Principles of Reasoning***Tier Designation:** 1M

Prerequisites: math placement level 1 or higher or MATH 101 or higher

Description: Basic concepts of logic and techniques for judging validity of arguments introduced. System for symbolizing arguments and deriving conclusions from premises employed. Some of following topics also covered: informal fallacies in reasoning, syllogistic or Aristotelian logic; Venn diagrams, truth tables. Most sections are traditional lecture/test format, some taught in computer-assisted format, others use self-paced approach.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 30-45	Average Number of Papers: 0
Average Number of Quizzes: 0-3	Average Number of Examinations: 3-5

Primary Instructional Method: Lecture/Discussion, One Section is Run in a "Self-Paced" Format with No Lectures.

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False, Problems

Percentages in Final Grade: Quizzes	20%
Examinations	70% [100%]
Participation in Class Discussion	10%

Major/Minor Requirement: Journalism; Human Biology; Visual Communication; Hearing, Speech, and Language Sciences; Physical EDU

Course: PHIL 130**Course Title:** *Introduction to Ethics***Tier Designation:** 2HL

Description: Discussion of classic and/or modern philosophical views of human values, ideals, and morality. Provides introductory survey of some main problems, concepts, and results of ethics, including selected philosophers of past and present. This Philosophy Department course is designed by each individual professor and varies widely in content, style, and method.

[Numbers in brackets indicate more than one set of responses given for this course. Information varies by Professor.]

Credit Hours: 4	Average Class Size: 60 [200]
Average Weekly Reading: 30 [20]	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 5 [4]

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice

Percentages in Final Grade: Examinations	90% [100%]
Participation in Class Discussion	10%

Major/Minor Requirement: Journalism, Visual Communication, Criminal Justice, Business, Environmental Health Science, Environmental Geography/Prelaw, HSLS, Industrial and Systems Engineering, Industrial Hygiene, Philosophy/Prelaw, Pre-Physical Therapy/Psychology, Recreation Management, Philosophy minor, Sales Certificate (Professional/Retail)

Course: PHIL 216**Course Title:** *Philosophy of Science Survey***Tier Designation:** 2HL

Description: Non-technical survey of types, testing, and credibility of hypotheses; methods of experimental inquiry; measurement; laws, theories and their role in explanation, concept formation.

Credit Hours: 3	Average Class Size: 50-60
Average Weekly Reading: 25 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3

Primary Instructional Method: Lecture and Discussion

Percentages in Final Grade: Preparation	20%
Exam 1	25%
Exam 2	25%
Final Exam	30%

Major/Minor Requirement: Philosophy minor

Course: PHIL 232**Course Title:** *Philosophy of Art***Tier Designation:** 2HL

Description: Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.

Credit Hours: 4

Major/Minor Requirement: Philosophy minor

Course: PHIL 240**Course Title:** *Social and Political Philosophy***Tier Designation:** 2HL

Description: Introduction to major philosophical theories concerning nature of social and political communities including those offered by Plato, Aquinas, Hobbes, Locke, Mill, and Rawls. Consideration of some significant specialized problems in social and political theory including distributive justice, civil disobedience, liberty, punishment, etc.

Credit Hours: 4

Major/Minor Requirement: Philosophy minor, Political Communication Certificate

Course: PHIL 260**Course Title:** *Philosophy of Religion***Tier Designation:** 2HL

Description: Problems in nature of religion, existence and the nature of God; problem of evil, immortality, and religious language.

Credit Hours: 4

Major/Minor Requirement: Philosophy minor

Course: PHYS 201**Supplemental Instruction Available****Course Title:** *Introduction to Physics***Tier Designation:** 2NS

Prerequisites: not PHYS 251

Description: First course in physics; open to students from all areas. Students should have high school-level algebra and trigonometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, plant biology, and premedicine. Mechanics of solids and liquids.

Credit Hours: 5	Average Class Size: 80-120
Average Weekly Reading: 20 pages	Average Number of Quizzes: 1 weekly
Average Number of Examinations: 2	Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Essay, Multiple Choice, Problems

Percentages in Final Grade: Quizzes	20%
Examinations	50%
Homework	20%
Lab Work	10%

Major/Minor Requirement: Aviation, Biological Sciences, Chemistry (BA), Biochemistry, Early Childhood EDU, Earth Science EDU, Industrial Hygiene, PBIO, Environmental Chemistry, Environmental Health Science, Exercise Physiology, Geological Sciences (BA), Environmental Geology, HSLS, Industrial Technology, Integrated Science EDU, Life Sciences EDU, Middle Childhood Science EDU, Nutrition with Science, Psychology/Pre-physical Therapy

Course: PHYS 251**Supplemental Instruction Available****Course Title:** *General Physics***Tier Designation:** 2NS

Prerequisites: C- or better in MATH 263A or MATH 263B or MATH 266A

Description: Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation.

Credit Hours: 5	Average Class Size: 60
Average Weekly Reading: 25 pages	Average Number of Papers: 1 as part of lab
Average Number of Quizzes: 8	Average Number of Examinations: 3
Primary Instructional Method: Lecture and Laboratory	
Types of Quizzes and Examinations: Multiple Choice, Problems	
Percentages in Final Grade:	
Quizzes	20%
Examinations	40%
Homework	20%
Lab Work and Written Papers	20%

Major/Minor Requirement: Astrophysics, Biological Sciences, Chemical Engineering, All Chemistry (BS), Civil Engineering, Computer Science, Electrical Engineering, Industrial and Systems Engineering, Environmental Chemistry (BS), Meteorology, Geological Sciences (BS), Environmental Geology, Mechanical Engineering, Physical Science EDU, Physics major/minor, Astronomy minor

Course: POLS 101**Supplemental Instruction Available****Course Title:** *American National Government***Tier Designation:** 2SS

Description: Constitutional basis and development, political processes, and organization of American national government.

Credit Hours: 4	Average Class Size: 85-150
Average Weekly Reading: 60 pages	Average Number of Papers: 0-1
Average Number of Examinations: 3	
Primary Instructional Method: Lecture; Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade:	
Quizzes	0-10%
Examinations	66-100%
Written Papers	0-33%
Participation in Class Discussion	0-10%

Major/Minor Requirement: Aviation (flight option), Visual Communication, Journalism, Early Childhood EDU, Integrated Social Studies EDU, Middle Childhood EDU, POLS major/minor

Course: POLS 102**Tier Designation:** 2SS**Course Title:** *Issues in American Politics*

Description: Concerned with administration and policy-making processes of national government in selected areas, e.g., welfare, civil rights, environment, defense, etc.

Credit Hours: 4	Average Class Size: 85-125
Average Weekly Reading: 60 pages	Average Number of Papers: 0-1
Average Number of Quizzes: 0-5	Average Number of Examinations: 3
Primary Instructional Method: Lecture; Lecture/Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade:	
Quizzes	0-25%
Examinations	60-95%
Written Papers	0-20%
Participation in Class Discussion	0-5%

Major/Minor Requirement: Visual Communication, Journalism, Early Childhood EDU/ Integrated Social Studies, Middle Childhood EDU, Public Administration (POLS)

Course: POLS 150**Tier Designation:** 2SS**Course Title:** *Current World Problems*

Description: Examines a number of the major political crises, problems, and issues confronting the contemporary world.

Credit Hours: 4	Average Class Size: 75-125
Average Weekly Reading: 60 pages	Average Number of Papers: 0-3
Average Number of Examinations: 3	
Primary Instructional Method: Lecture; Lecture Discussion	
Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade:	
Quizzes	0-20%
Examinations	70-100%
Written Papers	0-10%
Projects	0-5%
Participation in Class Discussion	0-10%

Major/Minor Requirement: Visual Communication, Journalism, Political Science major/minor

Course: POLS 210**Tier Designation:** 2SS**Course Title:** *Principles of Public Administration*

Description: Introduction to role and operation of public agencies in American society. Examines organization of federal, state, and local bureaucratic systems, their interrelations, and their basic principles, functions, and tasks.

Credit Hours: 4

Course: P SC 100**Tier Designation:** 2NS**Course Title:** *Survey of Astronomy*

Description: General introduction to astronomy. Topics chosen by instructor may include historical astronomy, planets, comets and asteroids, the sun, stars and galaxies, interstellar matter, black holes, the "Big Bang" theory and the evolution of the universe. No prerequisite, but students will benefit from a familiarity with basic algebra and geometry. Also listed as ASTR 100.

Credit Hours: 4	Average Class Size: 200
Average Weekly Reading: 30 pages	Average Number of Papers: 0
Average Number of Quizzes: 0 to 8	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice, Sentence Completion, True-False	
Percentages in Final Grade:	
Quizzes	0-10% (depends on instructor)
Examinations	90-100%

Major/Minor Requirement: Aviation, Early Childhood EDU (with P SC 140), Middle Childhood EDU

Course: P SC 100D**Tier Designation:** 2NS**Course Title:** *Moons and Planets: The Solar System*

Description: General introduction to astronomy, with emphasis on our solar system and other planetary systems. Topics (chosen by instructor) may include historical astronomy, the sun, the surfaces, interiors, and atmospheres of the planets, comets, asteroids, and meteor impacts, planets around other stars, and the origin of life. No prereq, but familiarity with basic algebra and geometry is beneficial. Also listed as ASTR 100D.

Credit Hours: 4	Average Class Size: 200
Average Weekly Reading: 35 pages	Average Number of Papers: 0
Average Number of Quizzes: 0-8	Average Number of Examinations: 3
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Multiple Choice	
Percentages in Final Grade: Examinations	100%

Major/Minor Requirement: Early Childhood EDU (with P SC 140), Earth Science EDU, Integrated Science EDU, Middle Childhood Science EDU

Course: P SC 101/101L (PSC 101 with Lab)**Course Title:** *Physical World***Tier Designation:** 2NS

Description: Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, electricity and magnetism, heat, atomic and nuclear physics. Introduction to relativity and quantum phenomena.

Credit Hours: 101 is 4 credits; 101L is 5 credits	Average Class Size: 100
Average Weekly Reading: 40 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3

Primary Instructional Method: Lecture, Laboratory for 101L

Types of Quizzes and Examinations: Multiple Choice

Percentages in Final Grade: Examinations	100% (101)	80% (101L)
Lab Work		20% (101L)

Major/Minor Requirement: Early Childhood EDU (with Lab), HSLS (with Lab)

Course: P SC 105/105L (PSC 105 with Lab)**Course Title:** *Color, Light, and Sound***Tier Designation:** 2NS

Description: Designed for nonscience majors. Physical nature of light and sound including transmission, absorption, reflection, interference, and resonance. Applications include analysis of musical instruments, acoustics, optical systems, perception of color and sound.

Credit Hours: 105 is 4 credits; 105L is 5 credits	Average Class Size: 150
Average Weekly Reading: 35 pages	Average Number of Papers: 0
Average Number of Quizzes: 10	Average Number of Examinations: 3

Primary Instructional Method: Lecture, Laboratory for 105L

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, Problems

Percentages in Final Grade: Examinations	70%
Lab Work	15%
Homework & Quizzes	15%

Major/Minor Requirement: Early Childhood EDU (with Lab), HSLS (with Lab), Interior Architecture (with Lab)

This course requires the mastering of Tier I Mathematics skills.**Course: P SC 131****Course Title:** *Nano-Science and Technology***Tier Designation:** 2NS

Description: Introductory course covering an overview of the concept of scale, and of novel phenomena that arise as a function of scale, instrumentation that allows probing systems on the nanoscale fabrication methods that yield nanoscale geometries, and the influence of this emerging field in our current and future lifestyles.

Credit Hours: 4

Course: P SC 140**Course Title:** *Observational Astronomy Laboratory***Tier Designation:** 2NS

Description: Experience with telescopes and locating stars, planets, and deep-sky objects in the night sky.

Also covers major constellations, seasonal variations, lunar cycles, and when appropriate, eclipses and comets. Meets at night only. Also listed as ASTR 140.

Credit Hours: 1	Average Class Size: 15
Average Weekly Reading: 8-10 pages	Average Number of Papers: 0
Average Number of Quizzes: 6	Average Number of Examinations: 1

Primary Instructional Method: Discussion/Demonstration/Lecture/Lab Experience

Types of Quizzes and Examinations: Multiple Choice, Sentence Completion

Percentages in Final Grade: Quizzes	30%
Examinations	50%
Lab Work	10%
Participation in Class Discussion	10%

Major/Minor Requirement: Early Childhood EDU (with P SC 100 or 100D), Earth Science EDU

Course: PSY 101**Course Title:** *General Psychology***Supplemental Instruction Available****Tier Designation:** 2SS

Description: Introduction to psychology. Survey of topics in experimental and clinical psychology including physiological bases of behavior, sensation, perception, learning, memory, human development, social processes, personality, and abnormal behavior.

Credit Hours: 5	Average Class Size: 90-400
Average Weekly Reading: 60 pages	Average Number of Papers: 0
Average Number of Examinations: 5-10	Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Multiple Choice

Percentages in Final Grade: Examinations	98%
Outside Class Assignments	2%

Major/Minor Requirement: Retail Merchandising, Athletic Training, Aviation, Human Biology, Biological Sciences/Pre-physical Therapy, Visual Communication, Community Health Services, Dietetics, All EDU, Family and Consumer Science Education, Industrial and Systems Engineering, Long-term Healthcare Administration, Music Therapy, Environmental Health Sciences, Exercise Physiology, Family Studies, HSLS, Industrial Hygiene, Industrial Technology, Nursing, Nutrition with Science, Piano Pedagogy, Psychology major/minor, Restaurant/Hotel/Tourism, Sport Management

Course: PSY 120**Course Title:** *Elementary Statistical Reasoning***Tier Designation:** 1M

Prerequisites: (MATH 101 or MATH 102 or placement level 1 or higher) and (not PSY 121 or PSY 221 or MATH 250 or MATH 251 or QBA 201)

Description: Does not count toward PSY major. Introduction to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of statistical information typically encountered in everyday life.

Credit Hours: 4	Average Class Size: 100
Average Weekly Reading: 35-40 pages	Average Number of Papers: 0
Average Number of Quizzes: 0	Average Number of Examinations: 3-5

Primary Instructional Method: Lecture

Types of Quizzes and Examinations: Computational, Essay, Multiple Choice

Percentages in Final Grade: Examinations 100%

Major/Minor Requirement: Adventure Recreation, Athletic Training, Aviation, Earth Science EDU, Environmental Health Science, Family Studies, Industrial Hygiene, Integrated Science EDU, Integrated Social Studies, Long-term Healthcare Administration, Special EDU, Music Therapy, Nursing, Outdoor Education/Camping, Physical EDU, Physical Science EDU, PBIO (BA), Recreation Management, Psychology minor.

Course: PSY 221**Course Title:** *Statistics for the Behavioral Sciences***Tier Designation:** 1M

Prerequisites: (math placement level 2 or higher or MATH 113 or MATH 115 or MATH 163A or MATH 263A or MATH 266A) and (not MATH 251 or PSY 121 or QBA 201)

Description: Introduction to descriptive and inferential statistics, with emphasis on inferential statistics.

Credit Hours: 5	Average Class Size: 35
Average Weekly Reading: 35-40 pages	Average Number of Papers: 3
Average Number of Quizzes: 0	Average Number of Examinations: 4

Primary Instructional Method: Lecture/Discussion/Projects

Types of Quizzes and Examinations: Multiple Choice, Short Answer, Problem Solving

Percentages in Final Grade: Examinations	78%
Projects	22%

Major/Minor Requirement: Criminal Justice, Adventure Recreation, Athletic Training, Biological Sciences, Community Health Services, Dietetics, Environmental Health Science, Exercise Physiology, Forensic Chemistry, HSLS, Industrial Hygiene, Sport Management, Life Science EDU, Long-term Healthcare Administration, Special EDU, Nursing, Nutrition with Science, Outdoor Education/Camping, Physical EDU, PBIO-Applied Ecology, PBIO-Cell Biology/Biotechnology, PBIO-Environmental Biology, Public Administration (POLS), Psychology major/minor, Recreation Management, Restaurant/Hotel/Tourism, Retail Merchandising, Social Work, Sociology/Criminology, Business minor, Environmental Studies Certificate, Geographic Information Science (GIS) Certificate.

Course: REAL 101

Course Title: *Real Estate Principles and Practices I*

Tier Designation:

Description: Real property is the basic resource with which real estate professionals work. Course includes, but is not limited to, land and its description, rights and interests in real estate, contract law and real estate contracts, title transfer, deeds, leases, financing and mortgages, taxes, home ownership, urban planning, brokerage operations, appraisal and value, applied real estate math, and Ohio requirements for real estate licenses.

Credit Hours: 4	Average Class Size: 50-55
Average Weekly Reading: 35-45 pages	Average Number of Papers: 1
Average Number of Quizzes: 3	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion, In-Class Problems and Worksheets	
Types of Quizzes and Examinations: Essay (quiz), Multiple Choice (exams), Sentence Completion (quiz)	
Percentages in Final Grade: Quizzes	5%
Examinations	95%

Major/Minor Requirement: Interior Architecture, Real Estate certification

Course: REAL 201

Course Title: *Real Estate Appraising I*

Tier Designation:

Description: Deals with appraisal theory, basic principles affecting value of real property; data accumulation and analysis of city, neighborhood, site, and property; applied techniques and estimating value from 3 approaches; building analysis, depreciation; entire range of appraisal process; and preparation based on field experience of preparing single-family residential appraisal report.

Credit Hours: 4	Average Class Size: 40
Average Weekly Reading: 50 pages	Average Number of Papers: 1
Average Number of Quizzes: 2	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Essay	
Percentages in Final Grade: Quizzes	5%
Examinations	90%
Written Papers	5%

Major/Minor Requirement: Interior Architecture, Real Estate certification

Course: REC 200

Course Title: *An Introduction to Leisure*

Tier Designation:

Prerequisites: FR or SOPH

Description: Provides student with broad understanding of nature and scope of play, recreation, and leisure on which they can build their subsequent specializations.

Credit Hours: 4	Average Class Size: 60
Average Weekly Reading: 20-30 pages	Average Number of Papers: 0
Average Number of Quizzes: 8	Average Number of Examinations: 1
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay	
Percentages in Final Grade: Quizzes	40%
Examinations	20%

Major/Minor Requirement: Adventure Recreation, Outdoor Education/Camping, Recreation Management, Recreation minor

Course: REC 250

Course Title: *Recreation Leadership*

Tier Designation:

Prerequisites: FR or SOPH

Description: Lectures and discussions concerning value of recreation, leadership techniques, and selection of activities. 3 lec., 2 lab.

Credit Hours: 4	
Major/Minor Requirement: Adventure Recreation, Outdoor Education/Camping, Recreation Management, Recreation minor	

Course: RSAT 144

Course Title: *Concepts of Athletic Training*

Tier Designation:

Prerequisites: PESS 227 and PESS 228 and not RSAT 128 or RSAT 155

Description: This course presents key concepts pertaining to athletic health care to assist future sports professionals in making correct decisions and taking appropriate actions faced with an activity-related injury or illness within their scope of practice.

Credit Hours: 4	Average Class Size: 25
Average Weekly Reading: 20-25 pages	Average Number of Papers: 3
Average Number of Quizzes: 3	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Lab	
Percentages in Final Grade: Quizzes	10%
Examinations	40%
Written Papers	20%
Lab Work	30%

Major/Minor Requirement: Athletic Training

Course: RSAT 155

Course Title: *Introduction to Athletic Training Education*

Tier Designation:

Prerequisites: FR only and no credit if RSAT 140

Description: Provides detailed introduction to the field of athletic training. Includes basic information on topics of the sports medicine team, administration issues, therapeutic modalities and exercise, strength and flexibility training, nutrition, pharmacology, psychological intervention, emergency procedures, and injuries to specific structures of the body.

Credit Hours: 4	Average Class Size: 60
Average Weekly Reading: 40-50 pages	Average Number of Papers: 1
Average Number of Examinations: 5	
Primary Instructional Method: Lecture	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: Quizzes	8%
Examinations	67%
Projects	25%

Major/Minor Requirement: Athletic Training

Course: RUS 111

Course Title: *Elementary Russian*

Tier Designation: 2CP

Description: Introduction to alphabet, reading, writing, and basic grammar, development of speaking and comprehension skills. Beginning course of 3-qr. first-year sequence.

Credit Hours: 4	Average Class Size: 20
Average Weekly Reading: 10 pages	Average Number of Papers: 4
Average Number of Quizzes: 4 vocabulary and 4 oral	
Average Number of Examinations: 4 chapter exams and final	
Primary Instructional Method: Student-Teacher/Student-Student Interaction	
Types of Quizzes and Examinations: Sentence Completion, Oral Exams, Listening Comprehension, Compositions	
Percentages in Final Grade: Unit Tests and Quizzes	30%
Final Examination	20%
Oral Quizzes	15%
Homework and Language Lab	20%
Attendance	15%

Major/Minor Requirement: International Studies: European Studies Certificate

Course: THAR 272**Course Title:** *Theater History III***Tier Designation:** 2FA

Prerequisites: not IART 272

Description: Development of theater and drama in the modern era.

Credit Hours: 4	Average Class Size: 60
Average Weekly Reading: 1 play + supplementary reading	
Average Number of Papers: 6-8 short papers	Average Number of Quizzes: 5
Average Number of Exams: 2	
Primary Instructional Method: 2 lectures, 1 discussion	
Percentages in Final Grade:	
Papers & Discussion	20%
Quizzes	20%
Mid-term	20%
Final Exam	40%
Major/Minor Requirement: IART minor, Theater major/minor	

Course: UC 106**Course Title:** *Academic Computing Skills***Tier Designation:**

Prerequisites: FR only

Description: Helps students learn to easily use computers as a powerful tool to help them be more productive students. Teaches basic computer skills that are often needed for other Ohio University course assignments and includes multimedia skills, which makes this course different from other beginning computer skills courses. Ideal for the computer novice.

Credit Hours: 1	Average Class Size: 30-35
Average Weekly Reading: 10 pages	Average Number of Papers: 1
Average Number of Quizzes: 0	Average Number of Examinations: 0
Primary Instructional Method: Self paced, lab -based exercises	
Percentages in Final Grade: Projects and Lab Work	

Course: UC 110**Course Title:** *Learning Strategies***Tier Designation:**

Prerequisites: FR only

Description: Helps students assess current study behaviors and attitudes and then adopt techniques that increase effectiveness in managing time, taking notes, reading and comprehending test material, and preparing for exams. Emphasizes regular practice and application of strategies discussed. Especially recommended for new students who didn't study very much in high school and/or have no well-developed system of effective studying.

Credit Hours: 3	Average Class Size: 18
Average Weekly Reading: 20-25 pages	
Average Number of Papers: several informal reaction papers	
Average Number of Quizzes: 6-8	Average Number of Examinations: 3-4
Primary Instructional Method: Lecture/Discussion and Group Work	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False	
Percentages in Final Grade: (Percentages add to more than 100% because of variability in the percentage amount assigned to some grade components by individual instructors.)	
Quizzes & Homework	20% (in some classes)
Examinations	40%
Written Papers	20% (in some classes)
Projects	10% (in some classes)
Participation in Class Discussion	20%

Course: UC 112**Course Title:** *College Reading Skills***Tier Designation:**

Prerequisites: FR only and ACT reading score below 21

Description: Focuses on active reading and study reading techniques, such as summarizing main ideas, organizing textbook content, understanding inference and point of view, adjusting reading rate, expanding vocabulary, and developing critical thinking skills. Course content moves from shorter passages to longer selections and emphasizes practice and application of skills.

Credit Hours: 2	Average Class Size: 18
Average Weekly Reading: 20-25 pages	Average Number of Papers: 0
Average Number of Quizzes: 4-5	Average Number of Examinations: 1-2
Primary Instructional Method: Lecture/Discussion, Comprehension Practice, Group Work	
Types of Quizzes and Examinations: Essay, Multiple Choice, True-False, Fill-in-the-Blank, Short Answer	
Percentages in Final Grade:	
Quizzes	40%
Examinations	40%
Participation in Class Discussion & Homework	20%

Course: UC 112B**Course Title:** *Reading: Improving Speed Vocabulary***Tier Designation:**

Description: Increases reading speed and the ability to appropriately adjust rate to different types of reading materials and tasks. In addition, teaches effective techniques for developing a college-level vocabulary.

Recommended for students with higher level reading skills (>20 on the ACT Reading section).

Credit Hours: 1	Average Class Size: 18
Average Number of Papers: 0	Average Number of Papers: varies
Average Number of Quizzes: 4-5	Average Number of Examinations: 1-2
Primary Instructional Method: Reading & Vocabulary Practice	
Types of Quizzes and Examinations: Multiple Choice, Fill-in-the-Blank	
Percentages in Final Grade:	
Reading Efficiency	40%
Vocabulary	40%
Other	20%

Course: UC 115**Course Title:** *The University Experience***Tier Designation:**

Prerequisites: first quarter student

Description: Designed to help ease the transition to the academic environment. Provides an overview of the skills and strategies that improve one's chances to be successful in college, including writing, motivation, and time management. Offers an introduction to the resources at Ohio University, including the University library and Career Services. Touches on finding a major and developing academic goals.

Credit Hours: 2	Average Class Size: 15-25
Average Weekly Reading: 25 pages	Average Number of Papers: varies
Average Number of Examinations: 1-2	
Primary Instructional Method: Class Discussion, Group Work, Presentations, Field Trips	
Types of Quizzes and Examinations: Multiple Choice and Essay	
Percentages in Final Grade:	
Class Participation and Attendance	15%
Writing Assignments	40%
Quizzes and Exams	15%
Other Assignments and Projects	30%

Course: VICO 120**Course Title:** *Introduction to Visual Communication***Tier Designation:**

Description: A survey of visual communication theory and technology of visual communication from ancient cave drawings to digital computer images.

Credit Hours: 4	Average Class Size: 178
Average Weekly Reading: 20 pages	Average Number of Papers: 20
Average Number of Quizzes: 0	Average Number of Examinations: 3
Primary Instructional Method: Lecture/Discussion	
Types of Quizzes and Examinations: Multiple Choice, True-False	
Percentages in Final Grade:	
Participation/Assignments	30%
Examinations	70%
Major/Minor Requirement: Visual Communication	

Course: VICO 140**Course Title:** *Studies in Visual Communication***Tier Designation:** 2HL

Description: This class will develop knowledge of visual communication to create a framework for measuring objective qualities of visuals, recognize and respond to ethical questions faced by visual communicators, understand the history of techniques and technologies, relate current trends to past practices, and demonstrate application of critical analysis to visual communication applications.

Credit Hours: 4

Course: WS 100**Course Title:** *Introduction to Women's Studies***Tier Designation:** 2HL

Description: An interdisciplinary fundamentals course in which students explore a range of perspectives regarding social, political, and cultural constructions of gender, race, and sexuality.

Credit Hours: 4

Average Class Size: 40

Average Weekly Reading: 50-75 pages

Average Number of Papers: 2

Average Number of Quizzes: 2

Average Number of Examinations: 2

Primary Instructional Method: Lecture, Lecture/Discussion, Sometimes Students Give Presentations

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False

Major/minor Requirement: Business, Journalism, Women's studies major/Certificate, Criminal Justice

Course: WS 200**Course Title:** *Issues in Feminism***Tier Designation:**

Description: Critical analysis of 3 to 4 contemporary issues pertaining to women and gender, such as: work, health and reproduction, politics, education, violence, women in the arts, women in athletics, women in science, gender, and aging.

Credit Hours: 4

Average Class Size: 35

Average Weekly Reading: 70 pages

Average Number of Papers: 2

Average Number of Quizzes: 2

Average Number of Examinations: 2

Primary Instructional Method: Lecture/Discussion

Types of Quizzes and Examinations: Essay, Multiple Choice, Sentence Completion, True-False

Major/minor Requirement: Business, Journalism, Women's Studies major/Certificate, Criminal Justice

Course: WS 210**Course Title:** *Women, Gender, and Rock and Roll***Tier Designation:**

Description: An analysis of the extent to which rock and roll has challenged the boundaries of women and gender by exploring the relationship between feminism and rock. Topics may include blues, jazz, girl groups, folk, soul, punk, rap, MTV, and riot grrl.

Credit Hours: 4

Average Class Size: 35

Average Weekly Reading: 30-50 pages

Average Number of Papers: 2

Average Number of Examinations: 2

Primary Instructional Method: Lecture/Discussion; Extensive use of audio and video material

Types of Quizzes and Examinations: Essay

Major/minor Requirement: Women's Studies major/Certificate
