

## INTERDISCIPLINARY STUDIES COLLEGE OF ARTS AND SCIENCES

Dr. Peter Grant, Dean  
Science Building, Room 210  
Phone: (580) 774-3704  
E-mail: [peter.grant@swosu.edu](mailto:peter.grant@swosu.edu)  
<http://www.swosu.edu/interdisciplinary/>

### PROGRAM GOALS

The primary educational goals and objectives of the Bachelor of Arts Interdisciplinary Studies degree program are as follows:

Educational goals for this degree are to

- Facilitate life-long learning goals.
- Provide opportunities for learners to develop further knowledge in three discipline areas.
- Allow learners flexibility in designing an interdisciplinary curriculum to meet their individual needs and goals not served by traditional majors.
- Provide an avenue of higher education that meets the needs of learners whether for personal enrichment or professional advancement.
- Provide learners with education mobility options in a world where career changes are increasing.

Educational objectives for this degree are to assist learners in

- Acquiring a broad knowledge in a variety of disciplines.
- Completing the same general education curriculum as traditional students.
- Developing specialized knowledge in three discipline areas.
- Enhancing critical thinking, communication and problem solving skills.
- Gaining intellectual knowledge and experiencing personal growth and enrichment through a broad-based curriculum of study.

### PROGRAM OF STUDY

**Major:** B.A. Interdisciplinary Studies

**Minor:** Multidisciplinary Studies

### GENERAL INFORMATION

The Interdisciplinary Studies program offers maximum flexibility for self-improvement and career enhancement for students who wish to design their own course of study, change their majors late in their academic career, return to SWOSU with new career insights, or attend the University on an irregular basis.

The rapid pace of changes in society and the workplace provides diverse opportunities for the broadly educated academic generalist. Interdisciplinary Studies foster receptivity to new information and innovation. Many employers seek interdisciplinary graduates, finding them well prepared, flexible, adaptive, and able to readily acquire more specialized skills in the workplace.

Increasingly, students are selecting broad-based programs to meet their educational and career goals. Some seek careers in areas that do not require highly concentrated courses of study. When given the opportunity, these students frequently select courses of study that better align with their interests. Employers sometimes seek graduates with broad educational backgrounds. For example, a solid foundation in chemistry, biology, and engineering technology is invaluable to graduates seeking work in environmental science. Multinational companies seek employees well versed in business, international politics, and a foreign language. Individuals wishing to start their own businesses may choose a science or engineering area, management and computer science. The number of students seeking diverse educational programs is growing, as evidenced by the numerous multidisciplinary programs offered through the nation. This program is designed to meet the diverse and changing needs of students and the market place.

## Bachelor of Arts Interdisciplinary Studies (Code No. 190)

### GENERAL EDUCATION

Courses that are **required** are in bold type.  
Courses that are *recommended* are in italics.

**TOTAL GENERAL EDUCATION HOURS** ..... **Min. 40**  
**REQUIRED CORE COURSES**..... **31-35**

**Written Communication**..... **6**

**ENGL 1113 English Composition I**  
**ENGL 1213 English Composition II**

**Mathematics**..... **3**

*Select one course.*

MATH 1143 Mathematical Concepts  
MATH 1153 Mathematical Applications  
MATH 1513 College Algebra  
or a higher numbered math course

**U. S. History** ..... **3**

*Select one course.*

HIST 1043 U.S. History to 1877  
HIST 1053 U.S. History since 1877

**American Government**..... **3**

**POLSC 1103 American Government & Politics**

**Science**..... **7-8**

*Select one course from Life Science and one course from Physical Science. One Science course must be a lab science.*

**Life Science**..... **3-4**

BIOL 1004 Biological Concepts w/Lab  
BIOL 1054 Principles of Biology I w/Lab  
BIOL 1013 Current Issues in Biology

**Physical Science**..... **3-4**

ASTRO 1904 Astronomy  
CHEM 1004 General Chemistry w/Lab  
GEOL 1934 Physical Geology w/Lab  
SCI 1513 Conc of Phy Science (may also take w/lab)  
SCI 1501 Concepts of Phy Science Lab  
PHY 1044 Basic Physics I w/Lab  
PHY 1063 General Physics  
or a higher numbered chemistry or physics course

**Humanities**..... **6**

HUM 1103 Introduction to Humanities

**OR**

HIST 1033 World History

**AND one of the following:**

ART 1223 Art Survey

COMM 1263 Introduction to Theatre

LIT 2333 Introduction to Film

LIT 2413 Introduction to Literature

MUSIC 1013 Introduction to Music I

MUSIC 1103 Music and Culture

PHILO 1453 Introduction to Philosophy

**Human, Cultural, & Social Diversity** ..... **3-4**

*Select one course.*

ASL 2163 American Sign Language  
CATC 1204 Cheyenne Language I (or higher number)  
CATC 1254 Arapaho Language I (or higher number)  
COMM 1313 Introduction to Public Speaking  
ECONO 2263 Intro to Macroeconomics  
ECONO 2363 Intro to Microeconomics  
GEOG 1103 World Cultural Geography  
ITAL 1004 Elementary Italian I  
KINES 1133 Wellness Concepts & Exercise Applications  
LATIN 1054 Elementary Latin I (or higher number)  
PSYCH 1003 General Psychology

*Continued next column*

SOCIO 1003 Introduction to Sociology  
SPAN 1054 Elementary Spanish I (or higher number)  
TECH 1223 Technology and Society

**Computer Proficiency** ..... **0-3**

Students must demonstrate computer proficiency (high school Computer Science course, SWOSU computer proficiency exam, or COMSC 1023 Computer & Info Access).

**GE electives** (from at least two different categories)..... **to total 40**

### INTERDISCIPLINARY STUDIES MAJOR/MINOR

**Three Discipline Areas of Emphasis** ..... **63**

Choose 3 discipline areas from the list below. Each discipline area of emphasis must include 21 credit hours.

#### Discipline Areas:

Allied Health Sciences	English
American Indian Studies	History
Art	Kinesiology
Biology	Mathematics
Business	Music
Chemistry	Parks & Rec Mgmt
Communication & Theatre	Physics
Computer Science	Political Science
Criminal Justice	Psychology
Economics	Spanish
Education	Technology

*Maximum Independent Study/Directed Reading courses are limited to a total of five credit hours per discipline.*

**Free Electives** ..... **17**

**Total Hours Required for Degree** ..... **120**

*Courses taken in one area, i.e. General Education, Discipline Areas or Free Electives, may not be used to meet any other requirements of the degree.*

### REGULATIONS PERTAINING TO GRADUATION

Minimum credit hours for graduation ..... 120  
Minimum credit hours in the liberal arts & sciences..... 80  
Minimum credit hours in upper-division  
(3000/4000 courses) ..... 40  
Minimum credit hours (3000/4000 courses  
in discipline areas completed at SWOSU ..... 8  
Minimum credit hours at SWOSU  
(15 of the last 30) ..... 30  
Minimum grade point average in all coursework 2.00

**DISCIPLINE AREA REQUIREMENTS** (Choose 3 areas with 21 hours each to total 63 hours)

**ALLIED HEALTH SCIENCES**

ALHLT 1401	Allied Health Careers	ALHLT 3183	Cultural Comp. in Hlthcre	ALHLT 4093	Epidemiology
ALHLT 2045	EMS I	ALHLT 3193	U.S. Healthcare System	ALHLT 4123	Hlthcare Revenue Cycle
ALHLT 2055	EMS II	ALHLT 3861-4	Health Science Internship	ATEP 2633	Cardiac and Emerg Care
ALHLT 2066	Advanced EMT	ALHLT 3933	Healthcare Management	HIM 3122	Intro to Elec Hlth Records
ALHLT 2453	Medical Terminology	ALHLT 3963	Healthcare Project Mngmt	HIM 3363	Hlthcare Comp. & Risk
ALHLT 3043	Health Statistics	ALHLT 3972-8	Health Care Internship	HIM 3453	Hlthcare Reimb
ALHLT 3043L	Health Statistics Lab	ALHLT 4043	Healthcare Law & Ethics	HIM 4113	Hlthcare Quality Measures
ALHLT 3053	Adv. Medical Terminology	ALHLT 4074	Pathophysiology		
ALHLT 3073	Diag., Drugs & Therapeu	ALHLT 4081	Hlth. Sci. Senior Summit		

**AMERICAN INDIAN STUDIES**

ART 3593	American Art History	HIST 4313	American West	KINES 4013	Nat Am Wellness Conc
ART 4393	Non-Western Art History	HIST 4353	History of Oklahoma	LIT 3513	Lit of the Am West
ENTRP 1123	Intro to Business	KINES 1153	Nutrition	LIT 4593	Diversity in Am Lit
HIST 4103	American Indians	KINES 3393	Nutrition for Children	SOCIO 3043	Racial and Cultural Minor

Other options include seminars, directed readings, internships and independent study courses dealing with a Native American theme and Native American language courses.

**ART**

ART 1113	Fundamentals of Art	ART 3353	Clay Studio	ART 3953	Professional Practice
ART 1123	Foundations I, Drawing	ART 3413	Sculpture Studio	ART 4163	Portfolio
ART 1133	Found II, Two-Dim Des	ART 3483	Printmaking Studio	ART 4253	Applied Design
ART 1143	Found III, 3-Dim Design	ART 3513	Intermediate Graphic Design I	ART 4313	Painting Studio
ART 2011-4	Seminar in Art	ART 3613	History of Art I	ART 4333	Studio Drawing
ART 2113	Acrylic Techniques	ART 3653	History of Art II	ART 4353	Modern Art History
ART 2133	Intro to Graphic Design	ART 3683	Illustration Studio	ART 4383	Art History Since 1945
ART 2143	Hist of Graphic Design	ART 3753	Life Drawing	ART 4393	Non-Western Art Survey
ART 3011-4	Seminar in Art	ART 3783	Intermediate Graphic Design II	ART 4413	Advanced Graphic Design II
ART 3113	Watercolor Studio	ART 3853	Typographic Design	ART 4651	Senior Exhibit
ART 3153	Figure Drawing	ART 3883	Advertising Design		
ART 3213	Computer Graphics	ART 3923	Advanced Graphic Design I		

**BIOLOGY**

**Students who select Biology as a discipline area must take BIOL 1054 Principles of Biology (required) in place of Biological Concepts.**

BIOL 1054	Principles of Biology I	BIOL 4021-4	Spec Topics Biomed Sci	BIOL 4454L	Plant Taxonomy Lab
BIOL 1054L	Princ of Biology Lab I	BIOL 4031-4	Spec Topics Microbiology	BIOL 4463	Virology
BIOL 1254	Principles of Biology II	BIOL 4041-4	Special Topics Environ & Organismal Biology	BIOL 4503	Microbial Physiology
BIOL 1254L	Princ of Biology II Lab			BIOL 4523	Environmental Microbiology
BIOL 3012	Biology Terminology	BIOL 4154	Developmental Biology	BIOL 4604	Terrestrial Ecology
BIOL 3053	Cell Biology	BIOL 4154L	Developmental Biology Lab	BIOL 4604L	Terrestrial Ecology Lab
BIOL 3152	Genetics & Cell Biol Lab	BIOL 4204	Vertebrate Biology	BIOL 4622	Econ Import Plants
BIOL 3253	Genetics	BIOL 4204L	Vertebrate Biology Lab	BIOL 4853	Evolution
BIOL 3283	Ecology	BIOL 4213	Immunology	BIOL 4864	Human Genetics
BIOL 3304	Aquatic Ecology	BIOL 4254	Invertebrate Biology	BIOL 4864L	Human Genetics Lab
BIOL 3304L	Aquatic Ecology Lab	BIOL 4254L	Invertebrate Biology Lab	BIOL 4914	Gen Comparative Physiology
BIOL 3604	Biology of Insects	BIOL 4284	Parasitology	BIOL 4914L	Gen Comp Physio Lab
BIOL 3604L	Biology of Insects Lab	BIOL 4284L	Parasitology Lab	BIOL 4935	Cell Molecular Biology
BIOL 3704	Human Anatomy	BIOL 4314	Environmental Biology	BIOL 4935L	Cell Molecular Biology Lab
BIOL 3704L	Human Anatomy Lab	BIOL 4314L	Environmental Biology Lab	BIOL 4944	Neurosciences
BIOL 3814	Biology of Plants	BIOL 4343	Applied Microbiology	BIOL 4944L	Neurosciences Lab
BIOL 3814L	Biology of Plants Lab	BIOL 4355	Microbiology	BIOL 4974	Histology
BIOL 3904	Human Physiology	BIOL 4355L	Microbiology Lab	BIOL 4974L	Histology Lab
BIOL 3904L	Human Physiology Lab	BIOL 4404	Pathogenic Microbiology		
BIOL 4010-4	Seminar in Biology (A maximum of 4 hrs total of seminar may be counted toward major)	BIOL 4404L	Pathogenic Microbio Lab		
		BIOL 4454	Plant Taxonomy		

**BUSINESS**

**Courses with an "\*" require prerequisite(s)**

ACCTG 2213	Prin of Financial Acctg	ACCTG 4323	Income Tax Acctg II*	ENTRP 3723	International Business*
ACCTG 2313	Prin of Managerl Acctg	ACCTG 4513	Auditing II*	ENTRP 3823	Quantitative Meth Bus*
ACCTG 3213	Accounting Info Systems*	ACCTG 4613	Advanced Accounting*	ENTRP 3923	Adv Comp Business App*
ACCTG 3313	Intermediate Acctg I*	ACCTG 4623	Accounting Theory*	ENTRP 4013	Sem in Entrepreneurship
ACCTG 3323	Intermediate Acctg II*	ACCTG 4643	Global Acct, Finan Invest*	ENTRP 4123	Professional Issues
ACCTG 3493	Analyzing Finan State*	ACCTG 4763	Adv Cost/Managal Acct*	ENTRP 4233	Leadership and Gender
ACCTG 3713	Cost Accounting*	ACCTG 4853	Comp Forensics Analysis*	ENTRP 4513	Business Intelligence
ACCTG 4013	Seminar in Accounting*	ENTRP 1123	Introduction to Business	FINAN 3213	Risk Management*
ACCTG 4113	Acctg Gov't NonprofiOrg*	ENTRP 3113	Intro to MIS*	FINAN 3313	Real Estate*
ACCTG 4213	Auditing I*	ENTRP 3123	Legal Env of Business	FINAN 3343	Business Finance
ACCTG 4223	Computerized Acctg*	ENTRP 3223	Commercial Law*	FINAN 3353	Personal Financial Plan*
ACCTG 4253	Intro to Comp Forensics*	ENTRP 3313	Real Estate	FINAN 3493	Analyzing Finan State*
ACCTG 4313	Income Tax Acctg I*	ENTRP 3423	Business Comm*	FINAN 3663	Investments*

FINAN 4013	Seminar in Finance*	MNGMT 3533	Organizational Behavior*	MRKTG 3243	Promotional Strategy*
FINAN 4063	Finan Institutions/Mrkt*s	MNGMT 4013	Seminar in Management*	MRKTG 3263	Retail Management*
FINAN 4123	Managerial Ethics*	MNGMT 4113	Gender Iss HR Mgmt Dev	MRKTG 3313	Real Estate*
FINAN 4213	Commercial Bank Mgmt*	MNGMT 4123	Managerial Ethics*	MRKTG 3443	Consumer Behavior*
FINAN 4233	Small Business Finance*	MNGMT 4133	Prod/Operations Mgmt*	MRKTG 4013	Seminar in Marketing*
FINAN 4263	Financial Management*	MNGMT 4183	Sales Skills & Mgmt*	MRKTG 4123	Services Marketing*
FINAN 4393	International Finance*	MNGMT 4213	Crisis Management*	MRKTG 4133	Sports Marketing*
FINAN 4513	Portfolio Management I*	MNGMT 4233	Services Management*	MRKTG 4143	Marketing Management*
FINAN 4523	Portfolio Management II*	MNGMT 4243	Practical Mgmt Skills*	MRKTG 4183	Sales Skills & Mgmt*
FINAN 4763	Opt, Futures Deriv & Sec	MNGMT 4283	Team Management*	MRKTG 4243	Marketing Research*
MNGMT 3233	Management	MNGMT 4313	Event Management*	MRKTG 4443	Channel of Distribution*
MNGMT 3243	Promotional Strategy*	MNGMT 4323	Project Management*	MRKTG 4543	Industrial Marketing*
MGNMT 3313	Real Estate*	MNGMT 4433	Entrep/New Venture*	MRKTG 4643	International Marketing*
MNGMT 3333	Human Resource Mgmt	MNGMT 4633	International Mgmt*		
MNGMT 3433	Dynamics of Org Mgmt*	MRKTG 3143	Principles of Marketing		

### CHEMISTRY

CHEM 1203	Gen Chem I Lecture	CHEM 3124	Quantitative Analysis	CHEM 4223	Polymer Chemistry
CHEM 1252	Gen Chem I Lab	CHEM 3124L	Quant Analysis Lab	CHEM 4223L	Polymer Chemistry Lab
CHEM 1303	Gen Chem II Lecture	CHEM 3233	Inorganic Chemistry	CHEM 4234	Instrum Analysis
CHEM 1352	Gen Chem II Lab	CHEM 3211	Inorganic Chem Lab	CHEM 4234L	Instr Analysis Lab
CHEM 2011-4	Sem in Chemistry	CHEM 3244	Environmental Chemistry	CHEM 4254	Ind Chem & Environ Reg
CHEM 2112	Structure and Bonding	CHEM 3244L	Environmental Chem Lab	CHEM 4313	Adv Organic Synthesis
CHEM 2114	Organic/Biochemistry	CHEM 4011-4	Seminar in Chemistry	CHEM 4344	Physical Chemistry I
CHEM 2114L	Organic/Biochem Lab	CHEM 4021	Organic Chem II Lab	CHEM 4344L	Physical Chem I Lab
CHEM 2612	Principles of Lab Safety	CHEM 4113	Organic Chemistry II	CHEM 4353	Materials Chemistry
CHEM 3013	Organic Chemistry I	CHEM 4115	Organic Chemistry II	CHEM 4454	Physical Chem II
CHEM 3015	Organic Chemistry I	CHEM 4115L	Organic Chem II Lab	CHEM 4454L	Physical Chem II Lab
CHEM 3015L	Organic Chem I Lab	CHEM 4124	Biochemistry	CHEM 4554	Adv Organic Spectroscopy
CHEM 3111	Organic Chem I Lab	CHEM 4124L	Biochemistry Lab	CHEM 4673	Metabolism

### COMMUNICATION AND THEATRE

COMM 2001-4	Ind Study Communication	COMM 3213	Advanced News Editing	COMM 4011-4	Sem in Communication
COMM 2011-4	Sem in Communication	COMM 3313	Feature Writing	COMM 4243	Media Production
COMM 2063	Voice and Diction	COMM 3333	Photojournalism	COMM 4293	Media Law and Ethics
COMM 2103	Intro to Mass Comm	COMM 3363	Script Analysis	COMM 4343	Communication Theory
COMM 2113	Writing for Mass Media	COMM 3763	Stage Management	COMM 4363	Organizational Comm
COMM 2123	Interpersonal Communic	COMM 3413	Desktop Publishing	COMM 4403	Scene Design
COMM 2213	News Gathering/Report	COMM 3543	Small Group Comm	COMM 4463	Theatre Hist: Greek-1660
COMM 2223	Intro to Comm. Studies	COMM 3553	Oral Interpretation	COMM 4483	Play Direct & Production
COMM 2363	Acting I	COMM 3563	Argumentation & Debate	COMM 4663	Theatre Hist:1660-Present
COMM 2763	Stage Craft	COMM 3573	Intercultural Comm	COMM 4813	Prin of Public Relations
COMM 3013	Theatrical Make-Up	COMM 3613	Specialized Publications	COMM 4823	Writing for Public Relation
COMM 3023	Lighting Design	COMM 3761	Theatre Production	COMM 4833	Principles of Advertising
COMM 3073	Persuasion	COMM 3963	Costume History	COMM 4963	Acting II
COMM 3113	News Editing	COMM 4001-4	Ind Study Communication		

### COMPUTER SCIENCE

COMSC 1033	Computer Science I	COMSC 3133	Software Engineering	COMSC 4033	Principles of Prog Lang
COMSC 1053	Computer Science II	COMSC 3153	Data Comm & Network	COMSC 4043	Geographic Info Systems
COMSC 1103	Intro to Info Security	COMSC 3253	Intro to Computer Forensics	COMSC 4133	Design Analy Comp Algorithms
COMSC 1433	Visual Basic Programming	COMSC 3353	Systems Analysis & Design	COMSC 4143	Server Management
COMSC 2043	Discrete Structures	COMSC 3403	Database Systems	COMSC 4173	Mobile App Respon Web Design
COMSC 2413	Data Structures	COMSC 3513	IS Project Management	COMSC 4453	Adv Database Systems
COMSC 2463	Program in C# and .NET	COMSC 3603	Hardware/Software Concepts	COMSC 4513	Business Intelligence
COMSC 2473	Programming in C++	COMSC 3853	Computer Forensic Analysis	COMSC 4753	Computer Graphics
COMSC 2603	Network Security	COMSC 3913	Web Development	COMSC 4913	E-Commerce Web Development
COMSC 3013	Computer Architecture	COMSC 3933	Multimedia Systems	COMSC 4921-3	Computer Sci Internship
COMSC 3043	Systems Programming	COMSC 4001-4	Ind Study Comp Sci	COMSC 4953	CS/IS Capstone I
COMSC 3053	Operating Systems	COMSC 4011-4	Computer Science Sem		

### CRIMINAL JUSTICE

CRMJS 1113	Intro Criminal Justice	CRMJS 3523	Criminology	CRMJS 4153	U.S. Corrections
CRMJS 1223	Intro to Law Enforcement	CRMJS 3803	Privat of Criminal Justice	CRMJS 4333	Victimology
CRMJS 2503	Criminal Justice Admin	CRMJS 4012	Sem in Criminal Justice	CRMJS 4903	DR: Reading in Crim Just
CRMJS 3163	Socio Devnt & Crim Beh	CRMJS 4013	Sem in Criminal Justice	CRMJS 4913	Internship in Crim Justice
CRMJS 3243	Comp Crim Justice System	CRMJS 4103	Juvenile Justice		
CRMJS 3353	The Criminal Mind	CRMJS 4143	Crit Issues Criminal Just		

### ECONOMICS

ECONO 2263	Intro to Macroeconomics	ECONO 3863	Money and Banking	ECONO 4563	Managerial Economics
ECONO 2363	Intro to Microeconomics	ECONO 4003	Independent Study in Econo	ECONO 4963	International Economics
ECONO 2463	Business Statistics	ECONO 4013	Seminar in Economics		

## EDUCATION

**Completing the appropriate listed courses cannot be construed as qualifying the individual to be certified as a teacher nor to being admitted to the teacher education program.**

ART 4452	CM&M Elem School Art	ELEM 4352	Tchng Sci in Elem School	MUSIC 3202	Music Methods Elem Tchrs
EDPSY 3413	Child Psychology	ELEM 4463	Children's Literature	RDNG 3423	Teaching of Reading I
EDUC 2113	Foundations of Educ	KINES 3393	Nutrition for Children	RDNG 3432	Teaching of Reading II
ELEM 3453	Lang Arts in Elem Sch	LIBED 3423	Media & Technology	RDNG 4443	Diag Prac Teaching Reading
ELEM 3513	CMM Math Elem Tchrs	LIT 4463	Children's Literature	SPCED 3132	Exceptional Children
ELEM 3522	CMM/Soc Stu/Elem Tchrs	MATH 1503	Algebra for Elem Tchrs	SPCED 3213	Found Mild/Mod Disabilities
ELEM 4222	Phonics & Penmanship	MATH 2133	Geometry for Elem Tchrs		

## ENGLISH

ENGL 2011-4	Sem in English	LIT 2001-4	Ind Study Literature	LIT 3513	Lit of the Amer West
ENGL 2703	Creative Writing	LIT 2011-4	Sem in Literature	LIT 3523	Victorian Poetry
ENGL 3013	Writing Theory/Practice	LIT 2333	Intro to Film	LIT 3533	Brit Renaissance Drama
ENGL 3113	Contemporary Fiction	LIT 2543	Myster/Detect Fiction	LIT 3543	Literature of South
ENGL 3123	Contemporary Poetry	LIT 2743	Mythology	LIT 3613	Amer Romantic Period
ENGL 3473	Creat Writ of Fiction I	LIT 2833	Science Fiction	LIT 4001-4	Ind Study Literature
ENGL 3483	Creat Writ of Poetry I	LIT 3023	Literature Theory/Practice	LIT 4011-4	Seminar in Literature
ENGL 3603	English Grammar	LIT 3033	World Mythology	LIT 4113	Modern World Literature
ENGL 4002-4	Ind Study in English	LIT 3113	Early World Literature	LIT 4233	Young Adult Literature
ENGL 4012-4	Seminar in English	LIT 3223	Romantic Movement	LIT 4473	Mod Brit and Amer Poetry
ENGL 4423	Intro to Linguistics	LIT 3333	Shakespeare in Context	LIT 4593	Diversity in Amer Lit
ENGL 4453	Advanced Composition	LIT 3343	World Folk Literature	LIT 4623	17 <sup>th</sup> Cent English Poetry
ENGL 4473	Creat Writ of Poetry II	LIT 3443	Middle English/Chaucer	LIT 4883	Women and Literature
ENGL 4483	Creat Writ of Fiction II	LIT 3453	Age of Reason	LIT 4993	The Novel
ENGL 4663	Creative Nonfiction	LIT 3463	19th Cent Am Realism		
ENGL 4675	Teaching of HS English	LIT 3493	Modern Drama		

## HISTORY

HIST 2603	Writing History	HIST 3503	Early Christian Thought	HIST 4093	Historical Resrch/Writ
HIST 3043	Early Modern Europe	HIST 3603	20 <sup>th</sup> Century World History	HIST 4103	American Indians
HIST 3063	History of Ireland	HIST 4001	Ind Study History	HIST 4123	America in the 1950's & 1960's
HIST 3083	Nationalism/Ethnicity	HIST 4011-4	Seminar in History	HIST 4133	Women in American History
HIST 3103	Medieval England	HIST 4023	Colonl Amer, 1492-1765	HIST 4203	Old South
HIST 3113	Tudor England	HIST 4033	Revol Amer; 1765-1808	HIST 4213	New South
HIST 3173	History of Ideas	HIST 4043	New Nation/Age Jackson	HIST 4313	American West
HIST 3193	European Union	HIST 4053	Civil War & Reconstr	HIST 4353	History of Oklahoma
HIST 3203	History of Germany	HIST 4063	Gilded Age/Progressive Era	HIST 4503	American Diplomatic History
HIST 3303	History Imperial Russia	HIST 4073	20th Cent Amer 1915-50	HIST 4803	Public History Internship
HIST 3403	Modern France	HIST 4083	America Since 1970	HIST 4901-4	Dir Read In History

## KINESIOLOGY

KINES 1153	Nutrition	KINES 4052	Sociology of Sports	SPRTRM 3523	Leadership in Sport
KINES 1932	Tech Ap Gym Fit Aqua	KINES 4063	Legal Aspect HPER/Athl	SPRTRM 3533	Olympism and Olympics
KINES 1942	Tech App Indiv Sports	KINES 4122	Org & Adm Athletics	SPRTRM 4122	Rec & Sports Mngmt Law
KINES 1952	Tech Appl to Team Sprt	KINES 4234	Exercise Physiology	SPRTRM 4132	Rec & Sports Employ Law
KINES 2212	First Aid	KINES 4243	Ther/Prescrip Phy Ed	SPRTRM 4142	Ethics in Rec & Sports Mngmt
KINES 2222	Introduction to Kinesiology	KINES 4383	Dev/Programs/Facilities/Mngmt	SPRTRM 4163	Sports Nutrition
KINES 2242	Sports Officiating	KINES 4533	Consumer Health Ed	SPRTRM 4502	Rodeo Management
KINES 2502	Care/Prev of Athl Inj	KINES 4802	Theo Coach Football	SPRTRM 4513	Golf Management
KINES 3133	Teaching Health Public School	KINES 4832	Theo Coach Basketball	SPRTRM 4523	Sports Representation
KINES 3353	Health and Aging	KINES 4862	Theo Coach Baseball	SPRTRM 4533	Sports Info Management
KINES 3393	Nutrition for Children	SPRTRM 3412	Event Safety Sports & Rec	SPRTRM 4573	Fitness Program Management
KINES 3443	Kinesiology & Anatomy	SPRTRM 3503	Sports Management		
KINES 3553	Methods Materials Elem HPER	SPRTRM 3513	Sports Finance		

## MATHEMATICS

MATH 1513	College Algebra			MATH 4133	Intro to Math Logic
MATH 1613	College Trigonometry	MATH 3453	Mathematical Statistics	MATH 4153	History of Mathematics
MATH 1715	College Algebra & Trig	MATH 3473	Intro to Probability	MATH 4213	Differential Equations I
MATH 1834	Calculus I	MATH 3533	Tech/Prog Mathematics	MATH 4223	Differential Equations II
MATH 2001-4	Ind Study in Mathematics	MATH 3653	Linear Algebra	MATH 4653	Modern Algebra
MATH 2011-4	Sem in Mathematics	MATH 3673	Elem Number Theory	MATH 4753	Intro Point Set Topology
MATH 2834	Calculus II	MATH 3713	College Geometry	MATH 4853	Advanced Calculus
MATH 3113	Foundations in Mathematics	MATH 3834	Calculus III	MATH 4873	Complex Variables
MATH 3413	Statistical Methods	MATH 4001-4	Ind Study in Mathematics		
OR MATH 3433	Statistics I	MATH 4011-4	Sem in Mathematics		

## MUSIC

Required	MUSIC 1103	Music and Culture
Required	MUSIC 1213	Music Theory I
Required	MUSIC 1221	Aural Skills I
Required	MUSIC 2981	Principles of Conducting

**Required Applied music, principal area: Select 4 hours** from the following list. (Must complete Level I of the applied music proficiency exam in their principal area.)

MUSIC 1691	Orchestral Instruments	MUSIC 1592	Organ	MUSIC 2391	Piano
MUSIC 1692	Orchestral Instruments	MUSIC 2491	Organ	MUSIC 2392	Piano
MUSIC 1791	Orchestral Instruments	MUSIC 2492	Organ	MUSIC 1091	Voice
MUSIC 1792	Orchestral Instruments	MUSIC 2591	Organ	MUSIC 1092	Voice
MUSIC 2691	Orchestral Instruments	MUSIC 2592	Organ	MUSIC 1192	Voice
MUSIC 2692	Orchestral Instruments	MUSIC 1291	Piano	MUSIC 2091	Voice
MUSIC 2791	Orchestral Instruments	MUSIC 1292	Piano	MUSIC 2092	Voice
MUSIC 2792	Orchestral Instruments	MUSIC 1391	Piano	MUSIC 2191	Voice
MUSIC 1491	Organ	MUSIC 1392	Piano	MUSIC 2192	Voice
MUSIC 1492	Organ	MUSIC 2291	Piano		
MUSIC 1591	Organ	MUSIC 2292	Piano		

**Required Secondary area: If piano is not principal area must select 2 hours** of the following list

MUSIC 2811 Class Piano I  
MUSIC 2821 Class Piano II

**Secondary area: If piano is principal area must select 2 hours** of the following list

MUSIC 1411 Brass Class  
MUSIC 1511 Woodwind Class  
MUSIC 1611 Percussion Class  
MUSIC 1711 String Class  
MUSIC 1911 Begin Guitar Class  
MUSIC 2101 Voice Class

**Required Music ensembles: Select 3 hours** from the following list

MUSIC 4021	Woodwind Ensemble	MUSIC 4041	Percussion Ensemble	MUSIC 4071	Jazz Ensemble
MUSIC 4031	Brass Ensemble	MUSIC 4051	Orchestra	MUSIC 4081	Band
MUSIC 4141	Chorus				

**Required** MUSIC4900 Recital Attendance  
(minimum of three enrollments with passing grade)

**Electives - Select 4 hours from the following list**

MUSIC 1112	Fund of Music	MUSIC 1911	Begin Guitar Class	MUSIC 3261	Aural Skills III
MUSIC 1313	Music Theory II	MUSIC 2101	Voice Class	MUSIC 3303	Music Theory IV
MUSIC 1321	Aural Skills II	MUSIC 2831	Class Piano III	MUSIC 3311	Aural Skills IV
MUSIC 1411	Brass Class	MUSIC 2841	Class Piano IV	MUSIC 3331	Jazz Improvisation
MUSIC 1511	Woodwind Class	MUSIC 3101	Instrumental Conducting	MUSIC 3353	History of Music I
MUSIC 1611	Percussion Class	MUSIC 3151	Choral Conducting	MUSIC 3403	History of Music II
MUSIC 1711	String Class	MUSIC 3253	Music Theory III	MUSIC 4261	Intro to Music Tech

#### PARKS AND RECREATION MANAGEMENT

NRM 2103	Wildland Fire Mngmt	PRM 3113	Sail, Canoe, Hiking & Climb	PRM 3452	Advanced Ropes
NRM 2112	Adv Firefighting Methods	PRM 2122	Wilderness First Aid	PRM 3663	Recreation Management
NRM 2122	Ignition Operations	PRM 2212	Wilderness Survival	PRM 3702	Rec Areas and Fac Manage
NRM 2132	Fireline Leadership & ICS	PRM 3133	Emergency Response	PRM 4011-4	Seminar in PRM
NRM 4172	Natural Resource Law	PRM 3142	Adv Wilderness Survival	PRM 4113	Risk Mgmt in Rec
NRM 4201	Park Ranger	PRM 3152	SCUBA	PRM 4163	Community Recreation
NRM 4211	Game and Fish Law	PRM 3161	Lifeguarding	PRM 4172	Natural Resource Law
NRM 4773	Nat Res Rec Mngmt	PRM 3262	Adv SCUBA/SLAM	PRM 4201	Park Ranger
NRM 4802	Wildland Fire Ecology	PRM 3211	Outdoor Ed/Adv Program	PRM 4211	Game and Fish Law
NRM 4812	Wildlife Management	PRM 3432	Ropes Course Facilitation	PRM 4221	Small Craft Safety
PRM 2102	Found of Parks and Rec	PRM 3441	High Angle Rescue	PRM 4663	Outdoor Recreation

#### PHYSICS

ASTRO 4011-4	Sem in Astronomy	PHY 2213	Strength of Materials	PHY 3544L	Digital Electronic Lab
GEOL 4011-4	Seminar in Geology	PHY 3013	Materials Science	PHY 3563	Thermodynamics
PHY 1044	Basic Physics I	PHY 3112	Experimental Techniques	PHY 3573	Heat Transfer
PHY 1044L	Basic Physics I Lab	PHY 3243	Lin Circuit Analysis	PHY 3583	Meth Theoretical Phys
PHY 1054	Basic Physics II	PHY 3303	History of Physics	PHY 3603	Mechanics I
PHY 1054L	Basic Physics II Lab	PHY 3311	Modern Phy/Engnrs Lab	PHY 3603L	Mechanics I Lab
PHY 1064	General Physics	PHY 3403	Modern Physics/Enginr	PHY 3633	Fluid Mechanics
PHY 1072	Intro Electronics	PHY 3413	Analog Electronics	PHY 4011-4	Seminar in Physics
PHY 1072L	Intro Electronics Lab	PHY 3413L	Analog Electronics Lab	PHY 4644	Elect/Magnetism I
PHY 2011-4	Seminar in Physics	PHY 3424	Optics	PHY 4644L	Elect/Magnetism I Lab
PHY 2145	General Physics I	PHY 3424L	Optics Lab	PHY 4663	Elect/Magnetism II
PHY 2145L	General Physics I Lab	PHY 3501	Physics Seminar (Topic)	PHY 4723	Quantum Mechanics
PHY 2155	General Physics II	PHY 3523	Solid-State/Nucl Phys	PHY 4743	Solid State Physics
PHY 2155L	Gen Physics II Lab	PHY 3523L	Solid-State/Nucl Lab	PHY 4763	Nuclear Physics
PHY 2203	Rigid Body Mechanics	PHY 3544	Digital Electronics		

#### POLITICAL SCIENCE

POLSC 2303	Comparative Politics	POLSC 3163	Prin International Rela	POLSC 4253	International Law
POLSC 2623	Criminal Law & Procedure	POLSC 3323	Legislative Exec Relations	POLSC 4303	International Organ
POLSC 2803	The Judicial Process	POLSC 3343	Women & Politics	POLSC 4403	Public Policy Formation
POLSC 3003	Federal Constitution	POLSC 3363	Public Adm Theory/Prac	POLSC 4613	Civil Rights/Liberties
POLSC 3033	Political Parties	POLSC 4013	Seminar in Political Sci	POLSC 4903	DR: Reading in Political Sci
POLSC 3113	Political Theory	POLSC 4233	Urban Politics & Elections	POLSC 4933	Government Internship

### PSYCHOLOGY

PSYCH 2011-4	Seminar in Psychology	PSYCH 3243	Cross-Cultural Psych	PSYCH 4203	Psychology of Women
PSYCH 2423	Social Psychology	PSYCH 3253	Psychological Tests	PSYCH 4223	Media & Mental Illness
PSYCH 2433	Psychological Statist	PSYCH 3323	Abnormal Psychology	PSYCH 4313	Intro Clinical Psych
PSYCH 3011-4	Seminar in Psychology	PSYCH 3333	Behavior Management	PSYCH 4323	Forensic Psychology
PSYCH 3201-4	Contemp Prob in Psych	PSYCH 3363	Psych of Personality	PSYCH 4333	Physiological Psych
PSYCH 3213	Developmental Psych	PSYCH 4011-4	Sem in Psych (Topic)	PSYCH 4371-4	Psychological Research
PSYCH 3224	Research Methods	PSYCH 4113	Iss in Chem Dep Trtmt	PSYCH 4391-4	Adv Seminar in Psych
PSYCH 3224L	Research Methods Lab	PSYCH 4123	Theor & Princ of Psych	PSYCH 4533	Language Development
PSYCH 3233	Learning and Memory	PSYCH 4133	Psychology of Sports		

### SPANISH

SPAN 1054	Elementary Spanish I	SPAN 3023	Span Healthcare Prof	SPAN 4001-4	Ind Study in Spanish
SPAN 1154	Elementary Spanish II	SPAN 3153	Spanish Lit To 1800	SPAN 4010-4	Seminar in Spanish
SPAN 2001-4	Ind Study Spanish	SPAN 3253	Span Lit Since 1800	SPAN 4043	Adv Span Conversa
SPAN 2011-4	Seminar in Spanish	SPAN 3353	Spanish-American Lit	SPAN 4053	Adv Sp Comp & Grmr
SPAN 2053	Inter Spanish I	SPAN 3553	Hispanic Life/Culture	SPAN 4373	Hispanic Literature
SPAN 2153	Inter Spanish II	SPAN 3653	Interm Spanish Convers	SPAN 4473	Hisp Amer Writers
SPAN 2353	Spanish Conversation	SPAN 3753	Readings in Spanish	SPAN 4554	Spanish Study Abroad
SPAN 3013	Span Law Enforcemnt	SPAN 3853	Spanish Composition		

### TECHNOLOGY

MFET 3183	Statics and Strengths	TECH 3143	Tech Presentations	TECH 4223	Electronics Capstone
MFET 3433	Automation/Robotics	TECH 3173	Environmental Regulations	TECH 4243	3D CAD - Solidworks
MFET 4443	Material Hand/Fac Plan	TECH 3263	Machine Drafting I	TECH 4373	Economic Decision Anal
MFET 4753	Senior Capstone	TECH 3413	Manufacturing Process	TECH 4433	Quality Control
TECH 1101	Intro to Technology	TECH 3463	Manufacturing Oper I	TECH 4454	Computer Aided Manufac
TECH 1203	Engineering Drafting	TECH 3513	Material Test/Analysis	TECH 4493	Manufacturing Oper II
TECH 1223	Technology & Society	TECH 3523	Fabrication Process II	TECH 4514	Machine Tool Processes
TECH 1713	Basic Electrical Science	TECH 3613	Power Systems	TECH 4813	Networks & Distrib Contr
TECH 2413	Non-Metal Mat & Proc	TECH 3823	Industrial Electronics	TECH 4833	Microproc & Embed Contr
TECH 2513	Fabrication Process I	TECH 3833	Commun Electronics	TECH 4843	Industrial Controls
TECH 2713	Fundamental Electronics	TECH 3843	Telecommunications	TECH 4903	Manuf Enterprises
TECH 2813	Digital Devices	TECH 4003	Ind Study Technology		
TECH 3113	Industrial Safety	TECH 4123	Industrial Supervision		