

## BACHELOR OF ARTS INTERDISCIPLINARY STUDIES

**GENERAL EDUCATION** Courses that are **required** are in bold type.

REQUIRED HOURS .....48-49

Communication.....8

**ENGL 1113 English Composition I**  
**ENGL 1213 English Composition II**  
**COMM 1312 Basic Speech**

Mathematics.....3

MATH 1143 Math Concepts  
MATH 1513 College Algebra OR a higher  
Numbered math course

Computer Applications/Technology.....2

COMSC 1022 Computers & Information Access  
TECH 1122 Technology & Society

Economics.....3

**ECONO 1113 Contemporary Economics**

Health & Physical Education.....3

**HPER 1133 Wellness Concepts & Exercise  
Applications (includes 1 hr lab)**

Natural Sciences.....8

**BIOL 1004 Biological Concepts**  
SCI 1514 Concepts of Physical Science  
SCI 1614 Science & the Environment  
ASTRO 1904 Astronomy  
GEOL 1934 Physical Geology

Fine Arts & Humanities.....6

ART 1222 Art Survey  
LIT 2412 Introduction to Literature  
MUSIC 1012 Introduction to Music I  
PHILO 1452 Introduction to Philosophy

U.S. History & Government.....6

**HIST 1063 U.S. History**  
**POLSC 1103 American Government & Politics**

International & Cultural Studies.....6-7

**HIST 1033 World History**  
GEOG 1103 World Cultural Geography  
POLSC 1153 World Relations & Politics  
Foreign Language (4hr/includes 3 hr class & 2 hr lab)

Behavioral/Social Science.....3

PSYCH 1003 General Psychology  
SOCIO 1003 Introduction to Sociology

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

### Interdisciplinary Studies Major/Minor Code No. 190

**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	History
Art	Math
Biology	Music
Business	Physics
Chemistry	Political Science
Communication Arts	Psychology
Computer Science	Recreation Leadership
Criminal Justice	Social Work
Education	Spanish
English	Technology

*Maximum Independent Study / Directed Reading courses are  
limited to one course per discipline.*

**Free Electives..... 12-13**

#### **Total Minimum Hours**

**Required for Degree..... 124**

*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.*

#### **REGULATION PERTAINING TO GRADUATION**

Minimum credit hours for graduation..... 124  
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  
(including last 8) ..... 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**

ALHLT1401	Allied Health Careers	ALHLT4503	Microbial Physiology	MEDRC3333	Coding I
ALHLT2442	Medical Terminology	ALHLT4523	Environ Microbiology	MEDRC3333L	Coding I Lab
ALHLT3193	Health Care Delivery	ALHLT4523L	Environ Micro Lab	MEDRC3342	Coding II
ALHLT3933	Mngmt Hlth Care Inst	ALHLT4872	Hominology	MEDRC4023	Hlth Inf Application
ALHLT3963	Health Care Adm	MEDRC3023	Health Info Systems	MEDRC4023L	Hlth Inf Appl Lab
ALHLT4093	Epidemiology	MEDRC3023L	Health Info Sys Lab	MEDRC4033	Health Inform Mngmt
ALHLT4213	Immunology	MEDRC3033	Intro Hlth Information	MEDRC4033L	Health Infor Mngmt Lab
ALHLT4355	Microbiology	MEDRC3033L	Intro Hlth Inform Lab	MEDRC4043	Medicolegal Concepts
ALHLT4355L	Microbiology Lab	MEDRC3043	Health Statistics	MEDRC4063	Pathophysiology I
ALHLT4404	Pathogenic Microbiolog	MEDRC3043L	Health Statistics Lab	MEDRC4073	Pathophysiology II
ALHLT4404L	Pathogenic Micro Lab	MEDRC3052	Advanced Med Term I	MEDRC4082	HIM Seminar
ALHLT4453	Virology	MEDRC3072	Adv Medical Term II	MEDRC4112	Quality Improvement

**ART**

ART 1113	Fundamentals of Art	ART 3353	Clay Studio	ART 3923	Publication Design
ART 1123	Foundations I, Drawing	ART 3413	Sculpture Studio	ART 3953	Professional Practice
ART 1133	Found II, Two-Dim Des	ART 3483	Printmaking Studio	ART 4163	Portfolio
ART 1143	Found III, 3-Dim Desgn	ART 3513	Media For Artists	ART 4253	Applied Design
ART 1163	Basic Drawing	ART 3613	History of Art I	ART 4313	Painting Studio
ART 2113	Acrylic Techniques	ART 3653	History of Art II	ART 4333	Studio Drawing
ART 2133	Intro To Graphic Desgn	ART 3683	Illustration Studio	ART 4353	Modern Art History
ART 2143	Hist of Graphic Design	ART 3753	Life Drawing	ART 4383	Art History Since 1945
ART 3113	Watercolor Studio	ART 3783	Photo/Digital Illustra	ART 4393	Non-Western Art Survey
ART 3153	Figure Drawing	ART 3853	Typographic Design	ART 4413	Package Design
ART 3213	Computer Graphics	ART 3883	Advertising Design	ART 4651	Senior Exhibit

**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	BIOL 3504	Natural History	BIOL 4284L	Animal Parasitology Lab
BIOL 1054L	Princ Biology Lab	BIOL 3504L	Natural History Lab	BIOL 4314	Environmental Biology
BIOL 2204	Introductory Zoology	BIOL 3604	General Entomology	BIOL 4314L	Environmental Biology Lab
BIOL 2204L	Intro Zoology Lab	BIOL 3604L	General Entomology Lab	BIOL 4454	Plant Taxonomy
BIOL 2404	Introductory Botany	BIOL 3704	Human Anatomy	BIOL 4454L	Plant Taxonomy Lab
BIOL 2404L	Intro Botany Lab	BIOL 3704L	Human Anatomy Lab	BIOL 4604	General Ecology
BIOL 3012	Biol Terminology	BIOL 3804	Plant Physiology	BIOL 4604L	General Ecology Lab
BIOL 3254	Genetics	BIOL 3804L	Plant Physiology Lab	BIOL 4622	Econ Import Plants
BIOL 3254L	Genetics Lab	BIOL 3904	Human Physiology	BIOL 4933	Cellular Physiology
BIOL 3304	Aquatic Biology	BIOL 3904L	Human Physiology Lab	BIOL 4964	Molecular Biology
BIOL 3304L	Aquatic Biology Lab	BIOL 4154	Developmental Biology	BIOL 4964L	Molecular Biology Lab
BIOL 3403	Plant Morphology	BIOL 4154L	Developmental Biol. Lab	BIOL 4974	Histology
BIOL 3403L	Plant Morphology Lab	BIOL 4284	Animal Parasitology	BIOL 4974L	Histology Lab

**BUSINESS**

ACCTG2213	Principles Acctg I	ECONO4563	Managerial Economics	GEBUS3923	Adv Comp Business App
ACCTG2313	Princ Acctg II	ECONO4963	International Economic	GEBUS4013	Sem In Gen Bus
ACCTG3213	Acctg Info Systems	FINAN3213	Risk Management	GEBUS4123	Professional Issues
ACCTG3313	Intermediate Acctg I	FINAN3313	Real Estate	MNGMT3233	Management
ACCTG3323	Intermediate Acctg II	FINAN3343	Business Finance	MNGMT3333	Human Resource Mngmt
ACCTG3333	Intermediate Acctg III	FINAN3353	Personl Financial Plan	MNGMT3433	Administrative Theory
ACCTG3523	Income Tax Acctg I	FINAN3493	Analyzing Finan Statem	MNGMT3533	Organizational Behav
ACCTG3613	Income Tax Acctg II	FINAN3663	Investments	MNGMT4013	Sem In Management
ACCTG3713	Cost Accounting	FINAN4013	Sem In Finance	MNGMT4133	Prod/Oper Management
ACCTG4013	Sem In Accounting	FINAN4063	Financial Inst & Mkt	MNGMT4433	Entrepren/New Ventur
ACCTG4113	Acctg Not for Prof Org	FINAN4213	Commercial Bank Mngmt	MNGMT4633	International Mngmt
ACCTG4213	Auditing I	FINAN4263	Financial Management	MNGMT4923	Strat Mngmt & Policy
ACCTG4513	Auditing II	FINAN4763	Opt, Fut & Der Securit	MRKTG3143	Principles of Marketng
ACCTG4613	Advanced Accounting	GEBUS2723	Computer Business App	MRKTG3243	Promotional Strategy
ACCTG4623	Accounting Theory	GEBUS3123	Legal Env of Business	MRKTG3443	Market/Consumer Behv
ACCTG4643	Glob/Acctg Fin & Inves	GEBUS3173	Info/Records Mgmt Sys	MRKTG4013	Seminar In Marketing
ACCTG4763	Adv Cost/Manager Topic	GEBUS3223	Commercial Law	MRKTG4143	Marketing Management
ECONO2263	Intro To Macroeconomic	GEBUS3323	Estates, Prop, Bus Org	MRKTG4243	Marketing Research
ECONO2363	Intro To Microeconomic	GEBUS3373	Info Systems & Tech	MRKTG4443	Channel Of Distribution
ECONO2463	Business Statistics	GEBUS3423	Busin Communications	MRKTG4543	Industrial Mrktg
ECONO3863	Money And Banking	GEBUS3723	International Business	MRKTG4643	International Mrktg
ECONO4013	Sem In Economics	GEBUS3823	Quantitative Meth Bus		

**CHEMISTRY**

CHEM 1203	Gen Chem I Lecture	CHEM 3124	Quantitative Analysis	CHEM 4124	Biochemistry
CHEM 1252	Gen Chem I Lab	CHEM 3124L	Quant Analysis Lab	CHEM 4124L	Biochemistry Lab
CHEM 1303	Gen Chem II Lecture	CHEM 3234	Inorganic Chemistry	CHEM 4223	Polymer Chemistry
CHEM 1352	Gen Chem II Lab	CHEM 3234L	Inorganic Chem Lab	CHEM 4223L	Polymer Chemistry Lab
CHEM 2011	Sem In Chemistry	CHEM 3244	Environmental Chemistr	CHEM 4234	Instrum Analysis
CHEM 2012	Sem In Chemistry	CHEM 3244L	Environmental Chem Lab	CHEM 4234L	Instr Analysis Lab
CHEM 2013	Sem In Chemistry	CHEM 4011	Seminar In Chemistry	CHEM 4254	Ind Chem & Environ Reg
CHEM 2014	Sem In Chemistry	CHEM 4012	Seminar In Chemistry	CHEM 4344	Physical Chemistry I
CHEM 2114	Organic/Biochemistry	CHEM 4013	Seminar In Chemistry	CHEM 4344L	Physical Chem I Lab
CHEM 2114L	Organic/Biochem Lab	CHEM 4014	Seminar In Chemistry	CHEM 4454	Physical Chem II
CHEM 3013	Organic Chemistry I	CHEM 4021	Organic Chem II Lab	CHEM 4454L	Physical Chem II Lab
CHEM 3015	Organic Chemistry I	CHEM 4113	Organic Chemistry II	CHEM 4673	Metabolism
CHEM 3015L	Organic Chem I Lab	CHEM 4115	Organic Chemistry II		
CHEM 3111	Organic Chem I Lab	CHEM 4115L	Organic Chem II Lab		

**COMMUNICATIONS**

COMM 2001	Ind Study Communicatns	COMM 3023	Lighting Design	COMM 4003	Ind Study Communicatns
COMM 2002	Ind Study Communicatns	COMM 3073	Persuasion	COMM 4004	Ind Study Communicatns
COMM 2003	Ind Study Communicatns	COMM 3113	News Editing	COMM 4011	Seminar In Communicatn
COMM 2004	Ind Study Communicatns	COMM 3171	Readers Theatre	COMM 4012	Seminar In Communicatn
COMM 2011	Sem In Communications	COMM 3213	Advanced News Editing	COMM 4013	Seminar In Communicatn
COMM 2012	Sem In Communications	COMM 3313	Feature Writing	COMM 4014	Seminar In Communicatn
COMM 2013	Sem In Communications	COMM 3333	Photojournalism	COMM 4243	Media Production
COMM 2014	Sem In Communications	COMM 3413	Desktop Publishing	COMM 4293	Media Law And Ethics
COMM 2063	Voice And Diction	COMM 3543	Small Group Comm	COMM 4343	Communication Theory
COMM 2103	Intro To Mass Comm	COMM 3553	Oral Interpretation	COMM 4363	Organizational Comm
COMM 2113	Writing For Mass Media	COMM 3563	Argumentation & Debate	COMM 4403	Scene Design
COMM 2123	Interpersonal Communic	COMM 3573	Intercultural Comm	COMM 4463	Thtre Hist: Greek-1660
COMM 2161	Intercollegiate Forens	COMM 3613	Specialized Publicatns	COMM 4483	Play Directing & Produ
COMM 2213	News Gathering/Report	COMM 3761	Theatre Production	COMM 4663	Thtre Hist:1660-Presnt
COMM 2363	Acting I	COMM 3963	Costume History	COMM 4963	Acting II
COMM 2763	Stage Craft	COMM 4001	Ind Study Communicatns		
COMM 3013	Theatrical Make-Up	COMM 4002	Ind Study Communicatns		

**COMPUTER SCIENCE**

COMSC1033	Computer Science I	COMSC3033	Data Structures	COMSC4003	Ind Study Comp Sci
COMSC1053	Computer Science II	COMSC3053	Operating Systems	COMSC4013	Computer Science Sem
COMSC1433	Visual Basic Progrmng	COMSC3133	Software Engineering	COMSC4033	Programming Languages
COMSC2053	JAVA Programming	COMSC3153	Data Communica/Network	COMSC4053	Object-Oriented Program
COMSC2063	Operating Environments	COMSC3233	Scientific Programming	COMSC4113	Comp Assist Instruct
COMSC2153	Intro To Networking	COMSC3333	Cobol II	COMSC4123	Artificial Intelligenc
COMSC2353	Cobol I	COMSC3433	Advanced Visual Basic	COMSC4153	Compiler Construction
COMSC2433	Programmers Visual Bas	COMSC3553	Discrete Structures	COMSC4233	Numerical Analysis
COMSC2913	Internet Telecomputing	COMSC3733	System Simulation	COMSC4333	Data Base Mngmt Syst
COMSC3013	Computer Organization	COMSC3913	Web Site Design	COMSC4913	Internet Programming

**CRIMINAL JUSTICE**

CRMJS1113	Intro Criminal Justice	CRMJS3803	Privat of Criminal Justice	CRMJS4153	U.S. Corrections
CRMJS2503	Criminal Justice Admin	CRMJS4013	Sem/Criminal Justice	CRMJS4333	Victimology
CRMJS3163	Socio Devnt & Crim Beh	CRMJS4103	Juvenile Justice	CRMJS4413	Law Enforcement Policy
CRMJS3243	Comp Crim Justice System	CRMJS4143	Crit Issues Criminal Just		

**EDUCATION**

Completing the appropriate listed courses cannot be construed as qualifying the individual to be certified as a teacher not to be admitted to the teacher education program.

ART 4452	CM&M Elem School Art	HPER 3553	M&M In Elem Hper	RDNG 3432	Teaching of Reading II
EDPSY3413	Child Psychology	LIBED 3423	Media & Technology	RDNG 4443	Diag Prac Tchng Reading
EDUC 2113	Foundations of Educ	LIT 4463	Children's Literature	SCI 3314	Geol Science Elem Teacher
ELEM 3453	Lang Arts In El Sch	MATH 1503	Algebra For Elem Tchrs	SCI 3314L	Geol Sci/Elem Tchrs Lab
ELEM 3513	Cmm Math Elem Tchrs	MATH 2133	Geometry For Elem Tchrs	SCI 4352	Tchng Sci In Elem School
ELEM 3522	Cmm/Social Stu/Elem Te	MUSIC 3202	Mus Meth Elem Tchrs	SPCED3132	Exceptional Children
ELEM 4222	Phonics & Penmanship	RDNG 3423	Teaching of Reading I	SPCED3213	Intro to Special Educ

**ENGLISH**

ENGL 2011	Sem In English	LIT 2003	Ind Study Literature	LIT 3493	Modern Drama
ENGL 2012	Sem In English	LIT 2004	Ind Study Literature	LIT 3513	Lit of The Amer West
ENGL 2013	Seminar In English	LIT 2011	Sem In Literature	LIT 3523	Victorian Poetry
ENGL 2014	Sem In English	LIT 2012	Sem In Literature	LIT 3533	Brit Renaissance Drama
ENGL 2703	Creative Writing	LIT 2013	Sem In Literature	LIT 3543	Literature of South
ENGL 3603	English Grammar	LIT 2014	Sem In Literature	LIT 3613	Amer Romantic Period
ENGL 4001	Ind Study In English	LIT 2333	Introduction To Film	LIT 3643	Victorian Novel
ENGL 4002	Ind Study In English	LIT 2543	Mystery/Detect Fiction	LIT 4001	Ind Study Literature
ENGL 4003	Ind Study In English	LIT 2743	Mythology	LIT 4002	Ind Study Literature
ENGL 4004	Ind Study In English	LIT 2833	Science Fiction	LIT 4003	Ind Study Literature
ENGL 4011	Sem In English	LIT 3113	World Lit Survey I	LIT 4004	Ind Study Literature
ENGL 4012	Sem In English	LIT 3123	Engl Lit Survey I	LIT 4011	Seminar In Literature
ENGL 4013	Sem In English	LIT 3133	Eng Lit Survey II	LIT 4012	Seminar In Literature
ENGL 4014	Sem In English	LIT 3223	Romantic Movement	LIT 4013	Seminar In Literature
ENGL 4343	Writing Bus/Industry	LIT 3313	Amer Lit Survey I	LIT 4014	Seminar In Literature
ENGL 4353	Exp/Persuasive Writ	LIT 3323	Amer Lit Survey II	LIT 4113	World Lit Survey II
ENGL 4423	Intro To Linguistics	LIT 3443	Middle English/Chaucer	LIT 4123	Engl Lit Survey III
LIT 1123	Intro To Fiction	LIT 3453	Age of Reason	LIT 4473	Mod Brit&Amer Poetry
LIT 1143	Introduction To Poetry	LIT 3463	19th Cent Am Realism	LIT 4623	17th Cent Engl Poetry
LIT 2001	Ind Study Literature	LIT 3473	Modern British Novel		
LIT 2002	Ind Study Literature	LIT 3483	Modern American Novel		

**HISTORY**

HIST 3003	Anc Middle East/Egypt	HIST 3303	Hist Imperial Russia	HIST 4063	Gilded Age: 1877-1920
HIST 3013	Ancient Greece	HIST 3403	Modern France	HIST 4073	20th Cent Amer 1920-60
HIST 3023	Rome	HIST 4001	Ind Study History	HIST 4083	Contemporary America
HIST 3033	Historians/Middle Ages	HIST 4002	Ind Study History	HIST 4093	Historical Resrch/Writ
HIST 3043	Early Modern Europe	HIST 4003	Ind Study History	HIST 4103	American Indians
HIST 3063	Modern Ireland	HIST 4004	Ind Study History	HIST 4133	Women In American Hist
HIST 3073	19th Century Europe	HIST 4011	Seminar In History	HIST 4313	American West
HIST 3083	Nationalism/Ethnicity	HIST 4012	Seminar In History	HIST 4353	History of Oklahoma
HIST 3092	20th Century Europe	HIST 4013	Seminar In History	HIST 4503	Amer Diplomatic History
HIST 3093	20th Century Europe	HIST 4014	Seminar In History	HIST 4901	Dir Read In History
HIST 3103	Medieval England	HIST 4023	Colonl Amer, 1492-1765	HIST 4902	Dir Read In History
HIST 3113	Elizabeth I	HIST 4033	Revol Amer; 1765-1808	HIST 4903	Dir Read In History
HIST 3203	History of Germany	HIST 4043	New Nation/Age Jackson	HIST 4904	Dir Read In History
HIST 3302	Hist Imperial Russia	HIST 4053	Civil War & Reconstr		

**MATHEMATICS**

MATH 1513	College Algebra	MATH 3113	Foundations In Math	MATH 4004	Ind Study In Math
MATH 1613	College Trigonometry	MATH 3413	Statistical Methods I	MATH 4011	Sem In Mathematics
MATH 1715	College Algebra & Trig	MATH 3433	Statistics I	MATH 4012	Sem In Mathematics
MATH 1834	Calculus I	MATH 3453	Mathematical Stats	MATH 4013	Sem In Mathematics
MATH 2001	Ind Study Mathematics	MATH 3473	Intro To Probability	MATH 4014	Sem In Mathematics
MATH 2002	Ind Study Mathematics	MATH 3533	Tech/Prog Mathematics	MATH 4133	Intro To Math Logic
MATH 2003	Ind Study Mathematics	MATH 3553	Numerical Analysis	MATH 4152	History of Mathematics
MATH 2004	Ind Study In Mathematc	MATH 3653	Linear Algebra	MATH 4213	Differ Equations I
MATH 2011	Sem In Mathematics	MATH 3673	Elem Number Theory	MATH 4223	Differ Equations II
MATH 2012	Sem In Mathematics	MATH 3713	College Geometry	MATH 4233	Vector Analysis
MATH 2013	Sem In Mathematics	MATH 3834	Calculus III	MATH 4653	Modern Algebra
MATH 2014	Sem In Mathematics	MATH 4001	Ind Study In Math	MATH 4753	Intro Point Set Topolo
MATH 2823	Applied Calculus	MATH 4002	Ind Study In Math	MATH 4853	Advanced Calculus
MATH 2834	Calculus II	MATH 4003	Ind Study In Math	MATH 4873	Complex Variables

**MUSIC**

Required	MUSIC1214	Music Theory I
Required	MUSIC1032	Introduction To Music II
Required	MUSIC2981	Principles of Conducting

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

MUSIC1691	Orchestral Instruments	MUSIC1592	Organ	MUSIC2391	Piano
MUSIC1692	Orchestral Instruments	MUSIC2491	Organ	MUSIC2392	Piano
MUSIC1791	Orchestral Instruments	MUSIC2492	Organ	MUSIC1091	Voice
MUSIC1792	Orchestral Instruments	MUSIC2591	Organ	MUSIC1092	Voice
MUSIC2691	Orchestral Instruments	MUSIC2592	Organ	MUSIC1192	Voice
MUSIC2692	Orchestral Instruments	MUSIC1291	Piano	MUSIC2091	Voice
MUSIC2791	Orchestral Instruments	MUSIC1292	Piano	MUSIC2092	Voice
MUSIC2792	Orchestral Instruments	MUSIC1391	Piano	MUSIC2191	Voice
MUSIC1491	Organ	MUSIC1392	Piano	MUSIC2192	Voice
MUSIC1492	Organ	MUSIC2291	Piano		
MUSIC1591	Organ	MUSIC2292	Piano		

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

MUSIC2811	Class Piano I
MUSIC2821	Class Piano II

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

MUSIC1411	Brass Class
MUSIC1511	Woodwind Class
MUSIC1611	Percussion Class
MUSIC1711	String Class
MUSIC1911	Begin Guitar Class
MUSIC2101	Voice Class

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

MUSIC4021	Woodwind Ensemble	MUSIC4041	Percussion Ensemble	MUSIC4071	Jazz Ensemble
MUSIC4031	Brass Ensemble	MUSIC4051	Orchestra	MUSIC4101	Band
MUSIC4141	Chorus				

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

**Electives - Select 5 hours from the following list**

MUSIC1112	Fund of Music	MUSIC2101	Voice Class	MUSIC3253	Music Theory III
MUSIC1314	Music Theory II	MUSIC2831	Class Piano III	MUSIC3303	Music Theory IV
MUSIC1411	Brass Class	MUSIC2841	Class Piano IV	MUSIC3331	Jazz Improvisation
MUSIC1511	Woodwind Class	MUSIC3101	Instrumental Conducting	MUSIC3353	History of Music I
MUSIC1611	Percussion Class	MUSIC3101L	Instrument Cond Lab	MUSIC3403	History of Music II
MUSIC1711	String Class	MUSIC3151	Choral Conducting	MUSIC4261	Intro To Music Tech
MUSIC1911	Begin Guitar Class	MUSIC3151L	Choral Conduct Lab		

**PHYSICS**

ASTRO4011	Sem In Astronomy	PHY 2145	General Physics I	PHY 3544	Digital Electronics
ASTRO4012	Sem In Astronomy	PHY 2145L	General Physics I Lab	PHY 3544L	Digital Electronic Lab
ASTRO4013	Sem In Astronomy	PHY 2155	General Physics II	PHY 3563	Thermodynamics
ASTRO4014	Sem In Astronomy	PHY 2155L	Gen Physics II Lab	PHY 3573	Heat Transfer
GEOL 4011	Seminar In Geology	PHY 2203	Rigid Body Mechanics	PHY 3583	Meth Theoretical Phys
GEOL 4012	Seminar In Geology	PHY 2213	Strength of Materials	PHY 3603	Mechanics I
GEOL 4013	Seminar In Geology	PHY 3013	Materials Science	PHY 3603L	Mechanics I Lab
GEOL 4014	Seminar In Geology	PHY 3112	Expermntl Techniques	PHY 3633	Fluid Mechanics
PHY 1044	Basic Physics I	PHY 3243	Lin Circuit Analysis	PHY 4011	Seminar In Physics
PHY 1044L	Basic Physics I Lab	PHY 3303	History of Physics	PHY 4012	Seminar In Physics
PHY 1054	Basic Physics II	PHY 3311	Modern Phy/Engnrs Lab	PHY 4013	Seminar In Physics
PHY 1054L	Basic Physics II Lab	PHY 3403	Modern Physics/Enginr	PHY 4014	Seminar In Physics
PHY 1064	General Physics	PHY 3413	Analog Electronics	PHY 4644	Elect/Magnetism I
PHY 1072	Intro Electronics	PHY 3413L	Analog Electronics Lab	PHY 4644L	Elect/Magnetism I Lab
PHY 1072L	Intro Electronics Lab	PHY 3424	Optics	PHY 4663	Elect/Magnetism II
PHY 2011	Seminar In Physics	PHY 3424L	Optics Lab	PHY 4723	Quantum Mechanics
PHY 2012	Seminar In Physics	PHY 3501	Physics Seminar(Topic)	PHY 4743	Solid State Physics
PHY 2013	Seminar In Physics	PHY 3523	Solid-State/Nucl Phys	PHY 4763	Nuclear Physics
PHY 2014	Seminar In Physics	PHY 3523L	Solid-State/Nucl Lab		

**POLITICAL SCIENCE**

POLSC2303	Comparative Politics	POLSC3113	Political Theory	POLSC4233	Urban Politics & Elections
POLSC2623	Criminal Law & Procedure	POLSC3163	Prin International Rela	POLSC4303	International Organ
POLSC2803	The Judicial Process	POLSC3323	Legislative Exec Relations	POLSC4403	Public Policy Formation
POLSC3003	Federal Constitution	POLSC3343	Women & Politics	POLSC4613	Civil Rights/Liberties
POLSC3033	Political Parties	POLSC3363	Public Adm Theory/Prac		

**PSYCHOLOGY**

EDPSY3413	Child Psychology	PSYCH3014	Seminar In Psychology	PSYCH4001	Ind Study Psychology
EDPSY3433	Adolescent Psychology	PSYCH3173	Applied Psychology	PSYCH4002	Ind Study Psychology
EDPSY3453	Education Psych (Elem)	PSYCH3201	Contemp Prob In Psych	PSYCH4003	Ind Study Psychology
EDPSY3653	Educational Psych(Sec)	PSYCH3202	Contemp Prob In Psych	PSYCH4004	Ind Study Psychology
PSYCH2001	Ind Study Psychology	PSYCH3203	Contemp Prob In Psych	PSYCH4011	Sem In Psych (Topic)
PSYCH2002	Ind Study Psychology	PSYCH3204	Contemp Prob In Psych	PSYCH4012	Sem In Psychology
PSYCH2003	Ind Study Psychology	PSYCH3213	Developmental Psych	PSYCH4013	Sem In Psychology
PSYCH2004	Ind Study Psychology	PSYCH3224	Research Methods	PSYCH4014	Sem In Psychology
PSYCH2011	Seminar In Psychology	PSYCH3224L	Research Methods Lab	PSYCH4113	Iss In Chem Dep Trtmt
PSYCH2012	Seminar In Psychology	PSYCH3233	Learning And Cognition	PSYCH4123	Theor & Princ of Psych
PSYCH2013	Seminar In Psychology	PSYCH3243	Cross-Cultural Psych	PSYCH4313	Intro Clinical Psych
PSYCH2014	Seminar In Psychology	PSYCH3253	Psychological Tests	PSYCH4333	Physiological Psych
PSYCH2313	Developmental Psych	PSYCH3274	Psych of Motivation	PSYCH4343	Psych of Perception
PSYCH2413	Adv General Psychology	PSYCH3274L	Psych Motivation Lab	PSYCH4371	Psychological Research
PSYCH2423	Social Psychology	PSYCH3322	Abnormal Psychology	PSYCH4372	Psychological Research
PSYCH2433	Psychological Statist	PSYCH3323	Abnormal Psychology	PSYCH4373	Psychological Research
PSYCH2511	Honors Sem In Psych	PSYCH3333	Behavior Management	PSYCH4374	Psychological Research
PSYCH2512	Honors Sem In Psych	PSYCH3363	Psych of Personality	PSYCH4391	Adv Seminar In Psych
PSYCH2513	Honors Sem In Psych	PSYCH3503	Indust/Org Psychology	PSYCH4392	Adv Seminar In Psych
PSYCH2514	Honors Sem In Psych	PSYCH3611	Pract In Career Areas	PSYCH4393	Adv Seminar In Psych
PSYCH3011	Seminar In Psychology	PSYCH3612	Pract In Career Areas	PSYCH4394	Adv Seminar In Psych
PSYCH3012	Seminar In Psychology	PSYCH3613	Pract In Career Areas	PSYCH4423	Marriage/Family Dymmic
PSYCH3013	Seminar In Psychology	PSYCH3614	Pract In Career Areas	PSYCH4533	Language Development

**RECREATION LEADERSHIP**

HPE R1932	Tech Ap Gym Fit Aqua	HPE R2502	Care/Prev of Athl Inj	HPE R4243	Ther/Prescrip Phy Ed
HPE R1942	Tech App Indiv Sports	HPE R3663	Recreat Leadership	HPE R4663	Camp Counseling
HPE R1952	Tech Appl To Team Sprt	HPE R4052	Sociology of Sports	HPE R4773	Org & Adm Outdoor Ed
HPE R2212	First Aid	HPE R4063	Legal Aspect Hper/Athl	HPE R4802	Theo Coach Football
HPE R2222	Foundations of Hper	HPE R4113	Org/Adm Hper	HPE R4832	Theo Coach Bsktball
HPE R2242	Sports officiating	HPE R4163	Community Recreation	HPE R4862	Theo Coach Baseball
HPE R2313	First Aid-Cpr Instr	HPE R4222	Org&Mgmt Intra Sport	HPE R4892	Theo Coach Track&Ms

**SOCIAL WORK**

PSYCH2433	Psychological Statistics	SOCWK3263	Human Beh & Soc Env I	SOCWK4313	Cultural Diversity
PSYCH3013	Single Parent Family	SOCWK3273	Human Beh & Soc Env II	SOCWK4603	Micro Systems Practice
PSYCH3013	Blended Families	SOCWK3503	Social Welfare Pol & Serv	SOCWK4613	Small Group Practice
PSYCH4423	Marriage/Family Dynamics	SOCWK3863	Research for Social Work	SOCWK4623	Macro Systems Practice
SOCWK2503	Intro to Social Work	SOCWK4013	Sem:Child Abuse & Neglect	SOCSC3853	Statistics for Social Sci

**SPANISH**

SPAN 1054	Elementary Spanish I	SPAN 2153	Inter Spanish II	SPAN 4002	Ind Study In Spanish
SPAN 1154	Elementary Spanish II	SPAN 2353	Spanish Conversation	SPAN 4003	Ind Study In Spanish
SPAN 2001	Ind Study Spanish	SPAN 3153	Spanish Lit To 1800	SPAN 4004	Ind Study In Spanish
SPAN 2002	Ind Study Spanish	SPAN 3253	Span Lit Since 1800	SPAN 4010	Seminar In Spanish
SPAN 2003	Ind Study Spanish	SPAN 3353	Spanish-American Lit	SPAN 4011	Seminar In Spanish
SPAN 2004	Ind Study Spanish	SPAN 3553	Hispanic Life/Culture	SPAN 4012	Seminar In Spanish
SPAN 2011	Seminar In Spanish	SPAN 3652	Intern Spanish Convers	SPAN 4013	Seminar In Spanish
SPAN 2012	Seminar In Spanish	SPAN 3753	Readings in Spanish	SPAN 4014	Seminar In Spanish
SPAN 2013	Seminar In Spanish	SPAN 3853	Spanish Composition	SPAN 4553	Spanish Study Abroad
SPAN 2014	Seminar In Spanish	SPAN 4000	Ind Study In Spanish		
SPAN 2053	Inter Spanish I	SPAN 4001	Ind Study In Spanish		

## TECHNOLOGY

MFET 3183	Statics And Strengths	TECH 3413	Manufacturing Process	TECH 4253L	Machine Drafting II Lab
MFET 3183L	Statics & Strength Lab	TECH 3453	Industrial Plastics	TECH 4273	Practical Photography
MFET 3433	Automation/Robotics	TECH 3453L	Ind Plastics Lab	TECH 4273L	Pract Photography Lab
MFET 3433L	Automation/Robotic Lab	TECH 3463	Manufacturing Oper I	TECH 4283	Advanced Photography
MFET 4443	Material Hand/Fac Plan	TECH 3513	Material Test/Analysis	TECH 4283L	Adv Photography Lab
MFET 4951	Capstone I	TECH 3513L	Mater Test/Analysi Lab	TECH 4293	Machine Design
MFET 4962	Capstone II	TECH 3523	Fabrication Process II	TECH 4293L	Machine Design Lab
TECH 1013	Electronic Devices	TECH 3523L	Fabrication Proc II Lb	TECH 4313	Const Systems I
TECH 1101	Intro To Technology	TECH 3613	Power Systems	TECH 4313L	Const Systems Lab
TECH 1203	Engineering Drafting	TECH 3613L	Power Systems Lab	TECH 4343	Estimating I
TECH 1203L	Engineer Draft I Lab	TECH 3623	Fluid Power	TECH 4353	Estimating II
TECH 1313	Wood Mat & Processes	TECH 3623L	Fluid Power Lab	TECH 4364	Furniture/Cabinet Make
TECH 1313L	Wood Mat & Process Lab	TECH 3813	Electro/Mech Controls	TECH 4364L	Furn/Cabinet Make Lab
TECH 1323	Digital Electronics	TECH 3813L	Elect/Mech Control Lab	TECH 4373	Constr Plan/Scheduling
TECH 1813	Basic Electronics I	TECH 3823	Industrial Electronics	TECH 4383	Mech/Elect System Bldg
TECH 1813L	Basic Elect I Lab	TECH 3823L	Indust Electronics Lab	TECH 4433	Quality Control
TECH 1913	Basic Electronics I	TECH 3833	Commun Electronics	TECH 4433L	Quality Control Lab
TECH 2026	Telecommunications	TECH 3833L	Comm Electr Lab	TECH 4454	Computer Aided Manufac
TECH 2113	Solid State Devices	TECH 3843	Telecommunications	TECH 4454L	Comp Aid Mfg (Cam) Lab
TECH 2203	Communication Circuits	TECH 3843L	Telecommunications Lab	TECH 4493	Manufacturing Oper II
TECH 2223	Electronic Circuit Ana	TECH 3853	Electronic Instrum	TECH 4514	Machine Tool Processes
TECH 2423	Microprocessors	TECH 3853L	Electronic Instrum Lab	TECH 4514L	Mach Tool Process Lab
TECH 2513	Fabrication Process I	TECH 3863	Elect Trouble Shooting	TECH 4583	Metrology & Metallurgy
TECH 2513L	Fabrication Proc I Lab	TECH 3863L	Elec Trouble Shoot Lab	TECH 4583L	Metrology/Metallurgy L
TECH 2543	Weld Proc & Metal	TECH 3873	Applied Electronics	TECH 4813	Networking Electron II
TECH 2543L	Weld Proc & Metal Lab	TECH 3873L	Applied Electronics Lab	TECH 4813L	Networking Elect II Lab
TECH 2813	Basic Electronics II	TECH 4003	Ind Study Technology	TECH 4823	Digital Electronics
TECH 2813L	Basic Elec II Lab	TECH 4113	Hist/Phil Voc Adult Ed	TECH 4823L	Digital Elect Lab
TECH 2913	Basic Electronics II	TECH 4123	Industrial Supervision	TECH 4833	Micro Comp Elec
TECH 3113	Industrial Safety	TECH 4223	Elect Circuit Design	TECH 4833L	Micro Comp Elec Lab
TECH 3143	Tech Presentations	TECH 4223L	Elect Cir Design Lab	TECH 4843	Programmable Controlrs
TECH 3172	Environmental Regulatn	TECH 4233	Graphic Comm Systems	TECH 4843L	Prog Controllers Lab
TECH 3203	Comp Aided Draft (Cad)	TECH 4233L	Graphic Comm Sys Lab	TECH 4903	Manuf Enterprises
TECH 3203L	Computer Aided Draft L	TECH 4243	Computer Aid Draft II	TECH 4903L	Manuf Enterprise Lab
TECH 3263	Machine Drafting I	TECH 4243L	Comp Aid Draft II Lab		
TECH 3263L	Machine Drafting I Lab	TECH 4253	Machine Drafting II		