Minors
MINORS

Departments may require a minor for majors under the Bachelor of Arts, Bachelor of Science & Bachelor of Science in Education (Secondary). The areas in which minors are offered are:

- Accounting
- Aerospace Studies
- Agriculture
- Agriculture/Horticulture Entrepreneurship
- Anthropology
- Archaeology
- Architectural Design
- Art/Art History
- Autism Studies
- Biological & Medical Sciences Entrepreneurship
- Biology
- Botany
- Business Administration
- Chemistry
- Child Life Services
- Child Studies
- Coaching
- Commercial Photography
- Communication Disorders
- Communication for Legal Professionals
- Communication Studies
- Companion Animals
- Computer Networking
- Computer Science
- Criminal Justice
- Criminology
- Dance
- Economics
- Electronics Technology
- Engineering Physics
- Entrepreneurship
- Environmental Science
- Environmental Soil Science
- Environmental Studies
- Exercise Science
- Family Economics & Management
- Family Studies
- Fashion Entrepreneurship
- Fashion Merchandising
- Finance
- Fine Arts Entrepreneurship
- French
- Geoscience
- German
- Gerontology
- Global Studies
- Graphic Communications Technology
- Health Management Entrepreneurship
- Health Promotion
- Historic Preservation
- History
- Horticulture
- Hospitality Management
- Human Resource Management
- Industrial and Engineering Technology Entrepreneurship
- Industrial Management
- Information Systems
- Interior Design
- International Business
- Latin American Studies
- Literature
- Management
- Marketing: Integrated Marketing Communications
- Marketing: Marketing Management
- Marketing: Retail Management
- Marketing: Sales Managements
- Mass Communication
- Mathematics
- Microbiology
- Music
- Nutrition
- Outdoor Adventure Leadership
- Philosophy
- Physics
- Political Science
- Psychology: Applied
- Psychology: Developmental
- Psychology: General
- Psychology: Psychological Services
- Public Administration
- Recreation
- Religion
- Small Press Publishing
- Social Rehabilitation & Treatment
- Social Work
- Sociology
- Soils
- Spanish
- Sport Management
- Substance Abuse Prevention
- TESOL
- Theatre: Acting
- Theatre: General
- Theatre: Technical
- Women’s Studies
- Writing
- Zoology
ACCOUNTING
15 Hours Required
Required Courses:
AC 221  Princ of Accounting I (3)
AC 222  Princ of Accounting II (3)
Choose 9 Hours AC courses (300-500 level) except AC 573

AEROSPACE STUDIES
16 Hours Required
Required Courses:
AS 100  Foundation of USAF I (1)
AS 101  Foundation of USAF II (1)
AS 200  Evol of USAir/Space Power I (1)
AS 201  Evol of USAir/Space Power II (1)
AS 300  AF Leadership Studies I (3)
AS 301  AF Leadership Studies II (3)
AS 400  National Security Affairs (3)
AS 401  Preparation for Active Duty (3)

NOTE: AS 203 AFROTC Field Training (4) may be completed in lieu of AS 100, AS 101, AS 200, & AS 201 to obtain the minor.

AGRICULTURE
15 Hours Required
Required Courses:
AO 120  Plant Science (3)
AO 125  Plant Science Lab (1)
AY 101  Animal Science (3)
AY 105  Animal Science Experience (2)
Choose 6 Hours AG, AO, AY, HO courses (300-400 level)

AGRICULTURE/HORTICULTURE
ENTREPRENEURSHIP
15 Hours Required
Required Courses:
BA 361  Prin of Entrepreneurship (3)
BA 551  Managing/Growing a New Venture (3)
BA 561  Bus Planning for a New Venture (3)
Choose 6 Hours approved AG/HO courses

ANTHROPOLOGY
18 Hours Required
Required Courses:
AN 181  Intro Cultural Anthropology (3)
AN 317  Ethnographic Field Methods (3)
AN 341  Intro Linguistic Anthropology (3)
Choose 9 Hours From:
AN 100  Foundations of Human Behvr (3)
AN 101  Observing Other Cultures (3)
AN 180  Intro/Phys Anthro & Archaeology (3)
AN 250  World Archaeology (3)
AN 360  Meso-American Civilizations (3)
AN 493  Anthropology Theory Sem:Cult Anthr/Linguistics (3)

ARCHAEOLOGY
18 Hours Required
Required Courses:
AN 180  Intro/Phys Anthro & Archaeology (3)
AN 382  Archaeology: Method & Theory (3)
AN 313  Archaeological Fieldwork (3)
OR
AN 551  Historic Archaeology Fieldwork
Choose 9 Hours From:
AN 100  Foundations of Human Behvr (3)
AN 101  Observing Other Cultures (3)
AN 181  Intro Cultural Anthropology (3)
AN 250  World Archaeology (3)
AN 317  Ethnographic Field Methods (3)
AN 319  Archaeological Laboratory (3)
AN 360  Meso-American Civilizations (3)
AN 381  North American Archaeology (3)
AN 493  Anthropology Theory Sem:Cult Anthr/Linguistics (3)

ARCHITECTURAL DESIGN
15 Hours Required
Required Courses:
CM 100  Intro to Arch Drafting (3)
CM 126  Computer Aided Arch Drafting (3)
CM 226  Residential Arch Drft & Design (3)
Choose 6 Hours From:
CM 315  Constr Contracts/Legal Iss (3)
CM 322  Commercial Arch Drft & Design (3)
HO 330  Landscape Planting Design (3)

ART/ ART HISTORY
18 Hours Required
Required Course:
AH 110  Art History Survey I (3)
OR
AR 112  Perspectives in Art (3)
Choose 6 Hours From:
AH 210  Art History Survey II (3)
AR 100  Drawing I (3)
AR 104  Design Foundations (3)
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AR 106  3-D Foundations (3)
AR 201  Color Composition (3)
AR 202  Drawing II (3)

Choose 9 Hours of Upper Division AR or AH prefix courses (Related courses are encouraged.)

AUTISM STUDIES

21 Hours Required
Required Courses:
CF/PY 120  The Child (3)
OR
CF 220  Young & Middle Adulthood (3)
EX 311  Intro to Exceptional Child (3)
OR
EX 390  Psych/Educ of the Except Child (3)
EX 555  Intro to Autism Spectrum Disorders (3)
EX 556  Lang Acquisition & Comm Strat (3)

Choose One 9 Hour Option

OPTION I Applied Behavioral Analysis Focus
CF 531  Basic Prin of Appl Behvrl Analysis (3)
CF 532  Behvrl Assess & Data Analysis (3)
CF 533  Strat for Behvrl Intervention & Change (3)

OPTION II Non-Applied Behavioral Analysis Focus
Choose 3 Hours:
CD 110  Lang/Culture of the Deaf (3)
CD 340  Normal Spch/Lang Dev (3)
CE 370  Lang Dev of the Young Child (3)

Choose 3 Hours:
CE 330  Classroom Management (3)
CF 531  Basic Prin of Appl Behvrl Analysis (3)
EX 304  Behavior Management (3)
EX 557  Behavior Mgmt/Interventions (3)

Choose 3 Hours:
CF 200  Guid Altern for Young Children (3)
CF290/291  Preschool Participation/Lab (3)
EX 558  Seminar in Autism (3)

BIOLOGICAL AND MEDICAL SCIENCES ENTREPRENEURSHIP

18 Hours Required
Required Courses:
BA 361  Prin of Entrepreneurship (3)
BA 551  Managing/Growing a New Venture (3)
BA 561  Bus Planning for a New Venture (3)

Choose 9 Hours approved BI/BO/BT/ZO courses

BIOLOGY

21 Hours Required:
BI 151  Biological Reasoning (3)
BI 152  Intro to Scientific Investigation (1)
BI 153  Intro to Organismal Biology (4)
BI 154  Genetics & Cell Biology (4)

Choose 9 Hours From:
BI, BO, BT, ZO prefix courses at the 300-599 level

BOTANY

22 Hours Required
Required Courses:
BI 151  Biological Reasoning (3)
BI 152  Intro to Scientific Investigation (1)
BI 153  Intro to Organismal Biology (4)
BI 154  Genetics & Cell Biology (4)
BO 200  Plant Biology (4)

Choose 6 Hours From:
BI 384  Readings in Biology (1)
BI 485  Topics in Biology (3)
BI 493  Readings in Biology (2)
BI 589-591  Biological Research (1-3)
BO 361  Systematic Botany (3)
BO 420  Ethobotany (3)
BO 445  Plant Physiology (3)
BO 461  Native Aquatic Plants (3)
BO 469  Field Botany (2)

BUSINESS ADMINISTRATION

30 Hours Required*
(For non-Business majors only)
Required Courses:
AC 221  Princ of Accounting I (3)
AC 222  Princ of Accounting II (3)
AD 101  Intro/Microcomputer Appl (3)
EC 225  Princ of Macroeconomics (3)
FI 361  Financial Management (3)
MA 139  Applied Calculus (3)
MG 301  Principles of Management (3)
MI 375  Management Info Systems (3)
MK 301  Principles of Marketing (3)
QM 257  Business Statistics (3)

*All courses require minimum grade of ‘C’.

CHEMISTRY

20 Hours Required
Required Courses:
CH 185  General Chemistry (5)
CH 186  Found of Inorganic Chem (3)
CH 187  Inorg Chem & Qual Analysis (2)
Choose 7-8 of the following:
CH 271  Found of Analytical Chem (5)
CH 311  Found of Physical Chem (4)
CH 341  Found of Organic Chem (4)
CH 531/UI 331  Found of Biochem (3)

Choose one CH3xx-5xx level course to total 19 hours. Must include a minimum of 3 hours of lab beyond CH 187

CHILD LIFE SERVICES
21 Hours Required
Required Courses:
CF 509  Child Life Services (3)
CF 560  Child Life Services Practicum (6)
HL 120  Health Perspectives (3)
OR
RC 112  Intro to Music Therapy (3)
RC 260  Intro to Therapeutic Rec (3)

Choose One 6 Hour Option
OPTION I (For Psych/other majors)
CF 290  Preschool Participation (2)
CF 291  Preschool Participation Lab (1)
CF 310  School Age Child Care (3)
EX 200  Intro to Exceptional Child (3)

OPTION II (For Child devel/other majors)
PY 222  Development of Adolescent (3)
PY 250  Applied Psychology (3)
PY 329  Psychology of Death & Dying (3)
PY 444  Childhood Psychopathology (3)

NOTE: Child Life Services minors MUST have an advisor in the Department of Human Environmental Studies. Application for practicum must be filed with advisor at least one semester in advance.

CHILD STUDIES
18 Hours Required
Required Courses:
CF 120  The Child (3)
CF 200  Guiding Altern/Young Children (3)
CF 290  Supervised Participation I (2)
CF 291  Supervised Participation Lab (1)

Choose 3 Hours From:
CF 210  Field Exp/Early Chldhd Prgms (3)
CF 300  Parent Education (3)
CF 316  Prenatal/Infant Grwth & Stim (3)
CF 317  Prenat/Infant Grwth & Stim Lab (1)

Choose 6 Hours From:
CF 124  Hlth/Nutr/Safety Child (3)
CF 126  Facil Devel in Young Children (3)
CF 310  School Age Child Care (3)
CF 312  Org/Mgt of Child Care Centers (3)

CF 430  Parent/Child Interaction (3)
CF 506  Theories/ Issues in Child Devel (3)

*At least 6 hours of senior division work must be chosen.

COACHING
21 Hours Required
Required Courses:
CG 470  Practicum in Coaching (3)
PE 220  First Aid (2)
PE 235  Psych/Coaching & Hum Perfrm (3)
PE 341  Physiology of Conditioning (3)
PE 460  Sports Administration I (3)
SM 540  Leg Aspects/Sport & Phys Activity (3)

Choose 4-5 Hours from:
CG 205  Coaching of Baseball (2)
CG 210  Coaching of Basketball (2)
CG 215  Coaching of Football (2)
CG 220  Coaching of Softball/Volleyball (3)
CG 225  Coaching of Track & Field (2)
CG 235  Coaching of Soccer (2)

COMMERCIAL PHOTOGRAPHY
18 Hours Required
GM 200  Vector & Bitmapped Graphics for Ind (3)
GM 385  HD Video for Multimedia (3)
PG 284  Photography Fundamentals (3)
PG 285  Commercial Photography Lighting (3)
PG 286  Commercial Studio Photography (3)
PG 384  Commercial Photography I (3)

COMMUNICATION DISORDERS
17-19 Hours Required
CD 225  Phonetics (3)
CD 230  Intro to Comm Disorders (4)
CD 340  Normal Spch & Lang Develop (3)
CD 406  Svc Delivery in Comm Disorders (4)

Choose 3-5 Hours from:
CD 371  Anatomy & Phys of Hearing Mech (3)
CD 411  Nature of Assmnt/Intv Spch & Language (5)
CD 426  Hrng Disorders: Audio Assessmnt (3)

COMMUNICATION FOR LEGAL PROFESSIONALS
15 Hours Required
Required Courses:
SC 200  Advanced Public Speaking (3)
SC 314  Argumentation & Problem Solving (3)
UI 425  Persuasion (3)
Choose 6 Hours From:
SC 310  Speech Writing (3)
SC 335  Interviewing (3)
SC 360  Experiential Comm Proj (1-3)
SC 406  Negotiation & Conflict Mgmt (3)
UI 320  Modern Presidency (3)
UI 345  Nonverbal Communication (3)
UI 423  Political Communication (3)

COMMUNICATION STUDIES
15 Hours Required
SC 320  Group Comm & Decision Making (3)
SC 355  Relational Comm Strategies (3)
UI 425  Persuasion (3)
Choose 6 Hours From:
SC 200  Advanced Public Speaking (3)
SC 215  Intercultural Comm (3)
SC 310  Speech Writing (3)
SC 314  Argumentation & Problem Solving (3)
SC 330  Corporate & Professional Comm (3)
SC 335  Interviewing: Princ & Practices (3)
SC 360  Experiential Comm Proj (1-3)
SC 406  Negotiation & Conflict Mgmt (3)
SC 482  Special Problems in Comm Studies (3)
SC 510  Leadership & Team Building (3)
SC 560  Organizational Communication (3)
UI 301  Managerial Communication Processes (3)
UI 320  Modern Presidency (3)
UI 345  Nonverbal Communication (3)
UI 423  Political Communication (3)
UI 504  Leaders of Social Change (3)

COMPANION ANIMALS
17 Hours Required
AY 101  Animal Science (3)
AY 105  Animal Science Experience (2)
AY 200  Companion Animals (3)
AY 205  Horse Science (3)
AY 304  Principles of Animal Nutrition (3)
AY 350  Animal Reproduction (3)

COMPUTER SCIENCE
15 Hours Required
Required Courses:
CS 155  Computer Science I (4)
CS 265  Computer Science II (4)
Choose 7 Hours CS courses including 6 hours at the 300-500 level

CRIMINAL JUSTICE
15 Hours Required
15 hours in criminal justice, including 6 hours at the 300-500 level.

CRIMINOLOGY
18 Hours Required
Required Courses:
SO 205  Social Problems in America (3)
SO 360  Criminology (3)
SO 444  Deviant Social Behavior (3)
Choose 9 Hours From:
CJ 375  Criminal Type & Victimology (3)
CJ 841  Death Penalty in America (3)
SO 375  Collective Behavior (3)
SO 385  Family Violence (3)
SR 444  Treatment Strategies: Alcohol & Drug Abuse (3)
UI 300  Drugs & Behavior (3)
UI 309  Crime & Human Behavior (3)

DANCE
23 Hours Required
Required Courses:
DA/TH 105  Rehearsal & Production (1)
DA/TH 305  Rehearsal & Production (1)
DA 280  Movement Analysis (3)
DA 490  Dance History (3)
Choose 15 Hours (9 Hours must be upper division):
DA 130  Ballroom Dance (1)
DA 140  Body-Mind Conditioning (1)
DA 186  Beg Jazz Dance (1)
DA 211  Ballet I (1)
DA 221  Modern Dance I (1)
DA 226  Jazz Dance I (1)
DA 236  Tap Dance I (1)
DA 311  Ballet II (2)
DA 321  Modern Dance II (2)
DA 326  Jazz Dance II (2)
DA 336  Tap Dance II (2)
DA 380  Choreography I (3)
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- DA 411 Ballet III (2)
- DA 421 Modern Dance III (2)
- DA 426 Jazz Dance III (2)
- DA 430 Princ of Teaching Dance (3)
- DA 485 Choreography II (3)

**ECONOMICS**

**15 Hours Required**

**Required Courses:**
- EC 215 Principles of Microeconomics (3)
- EC 225 Principles of Macroeconomics (3)

**Choose 3 Hours From:**
- EC 350 Devel of Economic Thought (3)
- EC 410 Macroeconomic Theory (3)
- EC 420 Microeconomic Theory (3)

**Choose 6 Hours From:**
- EC xxx Any EC course (300-500 level) (3)
- UI 322 International Political Economy (3)
- UI 349 Comparative Economic Systems (3)
- UI 366 Law & Economics (3)
- UI 371 Government & Business (3)

**ELECTRONICS TECHNOLOGY**

**18 Hours Required**

**Required Courses:**
- ET 160 Basic Electricity & Electronics (3)
- ET 245 Logic Circuits (3)
- ET 304 Fund Prog Logic Contl (3)
- ET 366 Microcontrollers (3)
- MN 356 Robotic Fundamentals (3)
- MN 412 Advanced Manufacturing Systems (3)

**OR**
- MN 383 Fluid Power (3)

**ENGINEERING PHYSICS**

**19 Hours Required**

**Required Courses:**
- PH 230/030 General Physics I (5)
- PH 231/031 General Physics II (5)

**Choose 9 Hours EP or PH electives, including UI 330**

(Except those courses indicated in the BULLETIN that do not apply on a minor)

**ENTREPRENEURSHIP**

**15 Hours Required**

**Required Courses:**
- IU 305 Entrepreneurship (3)
- BA 361 Prin of Entrepreneurship (3)

**ENVIRONMENTAL SCIENCE**

**20-22 Hours Required**

(For non-science majors; 6 hours must be at 300-400 level)

**Required Courses:**
- BS 105 Environmental Biology (3)
- CH 180 Chemistry in Our World (3)

**OR**
- CH 181 Basic Principles of Chemistry (5)
- GO 110 Physical Geology (3)
- UI 429 Environmental Ethics (3)

**Choose 6 Hours From:**
- AO 120 Plant Science (3)
- AO 215 Soils (3)
- BS 108 Biology for Living (3)
- CH 234 Organic & Biological Chemistry (3)
- GO 305 Environmental Geoscience (3)
- GO/EV 365 Environmental Soil Science (3)

**Choose 3 Hours From:**
- AG 201 World Food & Society (3)
- UI 319 Science, Technology & Society (3)
- UI 347 Living in a Global Society (3)
- UI 360 Recycling & Waste Management (3)
- UI 387 Environmental Law & Public Policy (3)

**ENVIRONMENTAL SOIL SCIENCE**

**15 Hours Required**

**Required Courses:**
- AO 215 Soils (3)

**OR**
- GO 365 Environ Soil Science (3)
- AO 555 Soil Class & Resource Mgmt (3)

**OR**
- GO 555 Soil Class & Resource Mgmt (3)
- GO 110 Physical Geology (3)

**Choose 6 hours from:**
- AO 427 Soil Fertil & Plant Nutr (3)
- GO 340 Remote Sensing (3)
- GO 445 Geographic Information Systems (3)
- GO 460 Environmental Hydrology (3)

**ENVIRONMENTAL STUDIES**

**21 Hours Required**

(For science majors; 6 hours must be at 300-400 level)

**BA 531 Imag, Creativity & Innov (3)**
- BA 551 Manag & Grow New Ventures (3)
- BA 561 Bus Planning for New Ventures (3)

*Management majors cannot select this minor.*
### Required Courses:
- **BS 105** Environmental Biology (3)
- **GO 110** Physical Geology (3)
- **UI 387** Environmental Law & Public Policy (3)
- **UI 429** Environmental Ethics (3)

**Choose 3 Hours From:**
- **EN 301** Writing for Science & Technology (3)
- **GO 305** Environmental Geoscience (3)
- **GO 460** Environmental Hydrology (3)
- **IS 175** Information Systems I (3)
- **MA 223** Elementary Probability & Stats (3)
- **UI 319** Science, Technology & Society (3)
- **UI 360** Recycling & Waste Management (3)

**Choose 3 Hours From:**
- **EN 190** Writing about the Environment (3)
- **PL 245** Social Philosophy (3)
- **PS 280** Intro to Global Issues (3)
- **UI 339** North American Indians (3)
- **UI 347** Living in a Global Society (3)
- **UI 372** Earthquakes & Society (3)

**Choose 3 Hours From:**
- **AG 201** World Food & Society (3)
- **AG 435** Agricultural & Food Policy (3)
- **BL 255** Legal Environment of Business (3)
- **EC 101** Economic Problems & Policy (3)
- **EC 215** Princ of Macroeconomics (3)
- **PS 230** American Public Policy (3)
- **PS 418** Public Policy Analysis (3)

### Required Courses:
- **CH 185** General Chemistry (5)
- **MA 134** College Algebra (3)

### FAMILY ECONOMICS AND MANAGEMENT

**18 Hours Required**

**Required Courses:**
- **CF 512** Family & Comm Resources (3)
- **EC 101** Econ Principles & Policies (3)
- **FE 200** Family Resource Management (3)
- **FE 400** Fam Resource Mgt Pract (3)
- **FI 351** Principles of Insurance (3)
- **UI 355** Consumer & the Market (3)

### FAMILY STUDIES

**18 Hours Required**

**Required Courses:**
- **CF 209** Intro to Family Systems (3)
- **CF 220** Young & Middle Adulthood (3)
- **CF 340** Family Law, Advoc & Policy (3)
- **CF 402** Marriage Interaction (3)
- **CF 430** Parent-Child Interaction (3)
- **CF 512** Family & Comm Resources (3)

### FASHION ENTREPRENEURSHIP

**15 Hours Required**

**Required Courses:**
- **BA 361** Prin of Entrepreneurship (3)
- **BA 551** Managing/Growing a New Venture (3)
- **BA 561** Bus Planning for a New Venture (3)

**Choose 6 Hours approved CT courses**

### FASHION MERCHANDISING

**18 Hours Required**

**Required Courses:**
- **CT 110** Intro to Fashion Merchandising (3)
- **CT 207** Textiles (3)
- **CT 230** Apparel Analysis (3)
- **CT 350** Apparel Aesthetics (3)

**Choose 6 Hours From:**
- **CT 300** Prof Image & Behavior (2)
- **CT 415** Fashion Retailing (3)
- **CT 420** Specialty Market (3)
- **CT 450** Issues/Trends in Fash Merch (3)
- **CT 517** History of Costume (3)
- **CT 518** Soc Psych Aspects of Clothing (3)
- **DS 114** Display Design (3)

### EXERCISE SCIENCE

**22 Hours Required**

**Required Courses:**
- **HL 231** Fitness Conditioning (3)
- **HL 331/031** Exercise Physiology (3)
- **HL 431** Fitness Assmnt & Exercise Prog (4)
- **HL 460** Exercise Leadership (3)

**Choose 6 Hours From:**
- **FN 235** Nutrition for Health (3)
- **FN 255** Nutrition I (3)
- **HL 332** Lifestyle Disease Risk Reduct (3)
- **HL 345** Resistance Trng Prin & Prac (3)
- **HL 346** Weight Mgmt Prin & Prac (3)
- **HL 510** Health Concerns of Aging (3)
- **PE 464** Kinesiology (3)

### Additional Requirements: 14-16 Hours

- **BS 113/013** Anatomy & Phys I (4)
- **BS 114/014** Anatomy & Phys II (4)
- **CH 180** Chem in Our World (3)
- **CH 181** Basic Princ of Chem (5)
- **OR**
- **CH 185** General Chemistry (5)
- **MA 134** College Algebra (3)

### FAMILIES

**18 Hours Required**

**Required Courses:**
- **CF 512** Family & Comm Resources (3)
- **EC 101** Econ Principles & Policies (3)
- **FE 200** Family Resource Management (3)
- **FE 400** Fam Resource Mgt Pract (3)
- **FI 351** Principles of Insurance (3)
- **UI 355** Consumer & the Market (3)

**FAMILY STUDIES**

**18 Hours Required**

**Required Courses:**
- **CF 209** Intro to Family Systems (3)
- **CF 220** Young & Middle Adulthood (3)
- **CF 340** Family Law, Advoc & Policy (3)
- **CF 402** Marriage Interaction (3)
- **CF 430** Parent-Child Interaction (3)
- **CF 512** Family & Comm Resources (3)

**FASHION ENTREPRENEURSHIP**

**15 Hours Required**

**Required Courses:**
- **BA 361** Prin of Entrepreneurship (3)
- **BA 551** Managing/Growing a New Venture (3)
- **BA 561** Bus Planning for a New Venture (3)

**Choose 6 Hours approved CT courses**

**FASHION MERCHANDISING**

**18 Hours Required**

**Required Courses:**
- **CT 110** Intro to Fashion Merchandising (3)
- **CT 207** Textiles (3)
- **CT 230** Apparel Analysis (3)
- **CT 350** Apparel Aesthetics (3)

**Choose 6 Hours From:**
- **CT 300** Prof Image & Behavior (2)
- **CT 415** Fashion Retailing (3)
- **CT 420** Specialty Market (3)
- **CT 450** Issues/Trends in Fash Merch (3)
- **CT 517** History of Costume (3)
- **CT 518** Soc Psych Aspects of Clothing (3)
- **DS 114** Display Design (3)
FINANCE
15 Hours Required
Required Courses:
FI 361  Financial Management (3)
FI 364  Modern Financial Institution (3)
FI 368  Investments (3)
Choose 6 Hours FI courses (300-500 level)
OR
AC 375  Financial Statement Analysis (3)
AND
FI xxx  (300-500 level) (3)

FINE ARTS ENTREPRENEURSHIP
15 hours required
Required Courses:
AR/DA/MU/TH 245  Creating and Managing an Arts Career (3)
BA 361  Principles of Entrepreneurship (3)
BA 551  Managing and Growing a New Venture (3)
BA 561  Business Planning for New Ventures (3)
Choose 3 Hours from:
AR 352  Gallery and Museum Internship (3)
AR 399  Professional Practices in Art (3)
MU/TH 375  Theater Management (3)

FRENCH
18 Hours Required
Required Courses:
FR 100  French Language & Culture I (3)
FR 120  French Language & Culture II (3)
FR 200  French Language & Culture III (3)
FR 220  French Literature (3)
Choose 6 Hours FR courses (300-500 level)

GEOSCIENCE
15 Hours Required
Required Courses:
GO 110  Physical Geology (3)
UI 373  Earth/Life Thru Time (3)
Choose 6 hours GO courses (200-500 level)
Choose 3 hours GO courses (400-500 level)

GERMAN
18 Hours Required
Required Courses:
GN 100  German Language & Culture I (3)
GN 120  German Language & Culture II (3)
GN 200  German Language & Culture III (3)
GN 220  German Literature (3)
Choose 6 Hours GN courses (300-400 level)

GERONTOLOGY
18 Hours Required
Required Courses:
CF 206  Intro to Gerontology (3)
CF 207  Gerontology Practicum I (3)
FN 520  Nutrition in the Later Years (3)
HL 510  Health Concerns of Aging (3)
PY 525  Maturity & Aging (3)
OR
PY 329  Psychology of Death & Dying (3)
UI 430  Aging Successfully (3)

GLOBAL STUDIES
18 Hours Required
Required Course:
UI 450  Capstone Experience (3)
Choose 6 Hours From:
AN 181  Intro to Cultural Anthropology (3)
GG 180  Cultural Geography (3)
PS 104  Comp Political Systems (3)
PS 280  Intro to Global Issues (3)
UI 308  Cult & Phys Landscapes (3)
WH 103  Modern Eur Civ (3)
OR
WH 130  Latin American Civ (3)
Choose 3 hours of upper division electives from an approved list
(See Foreign Language Dept for Approved List of Electives)
Choose 3 hours of Study Abroad/internship to correspond with foreign language elective below
Choose 3 hours foreign language elective:
CN 101  Beginning Chinese (3)
CN 102  Chinese II (3)
FR 100  French Language & Culture I (3)
FR 120  French Language & Culture II (3)
FR 200  French Language & Culture III (3)
FR 220  French Literature (3)
GN 100  German Language & Culture I (3)
GN 120  German Language & Culture II (3)
GN 200  German Language & Culture III (3)
GN 220  German Literature (3)
JN 101  Japanese I (3)
JN 102  Japanese II (3)
SN 100  Spanish Language & Culture I (3)
SN 120  Spanish Language & Culture II (3)
SN 200  Spanish Language & Culture III (3)
SN 220  Hispanic Literature (3)
GRAPHIC COMMUNICATIONS TECHNOLOGY

21 Hours Required
Required Courses:
GM 180 Intro to Tech Graphics (3)
GM 200 Vector & Bitmapped Graphics (3)
GM 282 Vector Graphics (3)
PG 284 Photography Fundamentals (3)

Choose 9 Hours From One Option:
OPTION I
GM 380 3D Modeling & Animation Prod (3)
GM 386 Interactive Multimedia & Animation (3)
GM 480 3D Animation Pipeline (3)
OPTION II
GM 320 Graphic User Interface (3)
GM 326 Interactive Multimedia (3)
TN 255 Microcomputer Maint & Trblshtng (3)

HEALTH MANAGEMENT ENTREPRENEURSHIP

15 Hours Required
Required Courses:
BA 361 Prin of Entrepreneurship (3)
BA 551 Managing/Growing a New Venture (3)
BA 561 Bus Planning for a New Venture (3)
HL 111 Intro to Health Management (3)
HL 472 Fitness Facility Administration (3)

HEALTH PROMOTION

21 Hours Required
Required Courses:
HL 111 Intro to Health Management (3)
HL 120 Health Perspectives (3)
HL 260 Health Promotion Practicum (3)
HL 332 Lifestyle Disease Risk Reduction (3)
UI 354 Lifestyle Enhancement (3)

Choose 6 Hours From:
FN 235 Nutrition for Health (3)
HL 312 Sport and Exercise Pharmacology (3)
HL 331 Exercise Physiology (3)

HISTORIC PRESERVATION

21 Hours Required
Required Courses:
HP 100 Intro to Historic Preservation (3)
HP 200 Intro to Tech of Local History (3)
HP 585 History of Amer Architecture (3)
US 105 American History I (3)
US 107 American History II (3)

Choose 6 Hours From:
(3 Hours must be HP prefix)
GH 520 Techniques of Oral History (3)
HP 405 Archives & Spec Collec Studies (3)
HP 410 Museum Studies (3)
HP 420 Historic Site Admin (3)
HP 450 Problems in Hist Pres (3)
HP 540 Topics in Hist Pres (3)
HP 580 Hist of Am Bldg Mats (3)
HP 588 Leg/Econ Princ of Historic Pres (3)
HP 589 Hist Pres Based Econ Revit (3)
UI 313 African American Experience (3)
UI 446 Civil Rights Movement (3)
US 220 American Folklore (3)
US 360 Women in American History (3)
US 525 American Urban History (3)

HISTORY

21 Hours Required
EH 300-599 (3)
US 300-599 (3)
WH 300-599 (3)
EH/GH/HP/US/WH 300-599 (6)

Choose an additional 6 Hours of EH, GH, US, WH prefix courses – any level

HORTICULTURE

15 Hours Required
Required Courses:
HO 110 Intro to Horticulture (3)
HO 130 Plant ID & Use I (3)
HO 230 Plant Ident & Use II (3)
HO 3xx-5xx Horticulture electives (6)

HOSPITALITY MANAGEMENT

18 Hours Required
Required Courses:
FN 150 Intro to Hospitality Mgmt (3)
FN 205 Selection & Preparation of Food (3)
FN 270 Hotel & Restaurant Operation (3)
FN 304 Food, Bev & Labor Cost Cntrls (3)
FN 390 Hosp Sales & Marketing (3)
FN 406 Hospitality and Institution Admin (3)

HUMAN RESOURCE MANAGEMENT

15 Hours Required
Required Courses:
MG 301 Principles of Management (3)
MG 356 Found of Human Resource Mgmt (3)
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MG 546  Acquiring & Compensating Talent (3)
MG 566  Legal & Union Issues in HR (3)
Choose 3 Hours From:
MG 354  Bus Negotiation: Conc/Practice (3)
MG 456  Topics in Human Resource Mgt (3)
MG 470  Leadership in Management (3)
MG 526  Manag & Develop Talent (3)
MG 550  Improving Team Performance (3)
*Cannot double count electives in other Management minors

INDUSTRIAL AND ENGINEERING TECHNOLOGY ENTREPRENEURSHIP

15 Hours Required
Required Courses:
BA 361  Prin of Entrepreneurship (3)
BA 551  Manag & Grow New Ventures (3)
BA 561  Bus Planning for New Ventures (3)
Choose one six-hour option:
Computer and Multimedia Graphics
GM 180  Intro to Technical Graphics (3)
GM 200  Vector/Bitmap Graphics for Ind (3)
Construction Management and Design
CM 315  Constr Contracts & Legal Iss (3)
CM 410  Construction Proj Admin (3)
Electrical and Controls (3)
ET 245  Logic Circuits (3)
ET 366  Microcontrollers (3)
Facilities Management and Sustainability
FM 504  Facilities Management (3)
FM 564  Sustain Fac Plan & Design (3)
Industrial and Safety Management
IM 313  Facilities Planning (3)
IM 417  Manuf Resource Analysis (3)
Mechanical and Manufacturing
MN 221  Solid Model & Rapid Prototyp (3)
MN 304  Indus Matls & Processes II (3)
Sustainability Energy Systems Management
ET 426  Sustainable Energy Technology (3)
FM 565  Building Energy Management (3)

INDUSTRIAL MANAGEMENT

15 Hours Required
Required Courses:
IM 301  Industrial Safety Supervision (3)
IM 311  Statistical Process Control (3)
IM 419  Industrial Supervision (3)
Choose 6 Hours From:
IM 313  Facilities Planning (3)
IM 315  Work Measurement (3)
IM 411  Total Quality Assurance (3)
IM 417  Manuf Resource Analysis (3)

INFORMATION SYSTEMS

15 Hours Required
Required Courses:
IS 175  Information Systems I (3)
Choose 6 Hours From:
IS 130  Visual Basic Programming I (3)
IS 245  Web Development & Security
IS 275  Information Systems II (3)
Choose 6 hours of IS or CS prefix courses at the 300-500 level

INTERIOR DESIGN

18 hours required
Required Courses:
CM100  Introduction to Architectural Drafting (3)
DS001  Portfolio Review (0)
DS104  Introduction to Interior Design (3)
DS 111  Design Process (3)
DS206  History of Interiors II (3)
DS211  Basic Kitchen & Bath Design (3)
DS220  Design Communications (3)

INTERNATIONAL BUSINESS

18 Hours Required
Required Courses:
EC 580  International Economics (3)
FI 540  International Finance (3)
MG 560  International Management (3)
MK 560  International Marketing (3)
UI 343  Transcultural Experience (3)
Choose 3 Hours From:
AC 540  International Persp on Acct (3)
MK 478  Global Logistics (3)
UI 322  International Political Economy (3)
UI 349  Comparative Economics Systems (3)

LATIN AMERICAN STUDIES

18 Hours Required
Required Courses:
SN xxx  Spanish Language (6)
SN 300  Spanish Am Culture (3)
OR
WH 130  Latin American Civ (3)
Choose 9 Hours From:
AN 360  Mesoamerica (3)
EH 520  Hist/Spain & Portugal (3)
PS 375  Politics in Latin Am (3)
SN 306  Civilization of Spain (3)
WH 520  Colonial Latin Am (3)
WH 522  History/South Am (3)
WH 524  History of Mexico (3)
XX 300-500  Latin American Literature Course (3)

LITERATURE

15 Hours Required

Required Courses:
LI 2xx  Any Lit Expr course/LI prefix (3)
LI 260  English Literature I (3)
LI 261  English Literature II (3)
LI 270  American Literature I (3)

OR

LI 271  American Literature II (3)
Choose 6 Hours EN 435, LI courses (300-500 level), UI 332, UI 341, UI 431, UI 432, or UI 435 which represent more than one genre (i.e., not 2 novels courses)

MANAGEMENT

15 Hours Required

Required Courses:
MG 301  Principles of Management (3)
MG 462  Organization Theory & Design (3)
MG 550  Improving Team Performance (3)

Choose 6 Hours From*:
BA 361  Princ of Entrepreneurship (3)
BA 531  Imag, Creativity & Innovation (3)
IM 411  Total Quality Assurance (3)
MG 354  Bus Negotiation: Conc/Practice (3)
MG 356  Found of Human Resource Mgmt (3)
MG 457  Organizational Behavior (3)
MG 470  Leadership in Management (3)
MG 560  International Management (3)

*Cannot double count electives in other Management minors

MARKETING: MARKETING MANAGEMENT

15 Hours Required

Required Courses:
MK 301  Principles of Marketing (3)
MK 343  Advertising & Promotion (3)
MK 346  Distribution Management (3)
MK 348  Product & Pricing Strategy (3)

Choose any MK course except MK 345, MK 449 and MK 473 (3)*

*Cannot double count electives in other Marketing minors

MARKETING: RETAIL MANAGEMENT

15 Hours Required

Required Courses:
MK 301  Principles of Marketing (3)
MK 343  Advertising & Promotion (3)
MK 349  Retail Management (3)

Choose 6 hours of MK courses except MK 345, MK 449 and MK 473*

*Cannot double count electives in other Marketing minors

MARKETING: SALES MANAGEMENT

15 Hours Required

Required Courses:
MK 301  Principles of Marketing (3)
MK 342  Professional Selling (3)
MK 344  Consumer Behavior (3)
MK 447  Sales Management (3)

Choose any MK course except MK 345, MK 449 and MK 473 (3)*

*Cannot double count electives in other Marketing minors

MARKETING: INTEGRATED MARKETING COMMUNICATIONS

15 Hours Required

Required Courses:
MK 301  Principles of Marketing (3)
MK 341  Public Relations (3)
MK 342  Professional Selling (3)
MK 343  Advertising & Promotion (3)
MK 443  Integrated Mktg Comm Practicum (3)

MASS COMMUNICATION

18 Hours Required

(A grade of ‘C’ or higher is required for each course within the minor.

Required Courses:
MC 101  Mass Communication & Society (3)
MC 401  Communication Law (3)

Choose 12 Hours of MC Courses. (All prerequisites must be met for these electives.)
MATHEMATICS

15 Hours Required
Required Courses:
MA 140 Analytic Geometry & Calc I (5)
10 hours in mathematics (consisting of MA 138, MA 145, or courses numbered MA 223 & above with the exception of MA 230, MA 318 & MA 418) including 6 hours at the 300-500 level.

MICROBIOLOGY

21 Hours Required
Required Courses:
BI 151 Biological Reasoning (3)
BI 152 Intro to Scientific Investigation (1)
BI 153 Intro to Organismal Biology (4)
BI 154 Genetics & Cell Biology (4)
BI 200 General Microbiology (3)
Choose 6 Hours From:
BI 384 Readings in Biology (1)
BI 441 Virology (3)
BI 442 Immunology (3)
BI 443 Epidemiology (3)
BI 445 Microbial Physiology (3)
BI 485 Topics in Biology (3)
BI 493 Readings Biology (2)
BI 543/544 Pathogenic Microbiology (3)
BI 589-591 Biological Research (1-3)

MUSIC

19 Hours Required
Required Courses:
MM 101 Theories of Music in Culture (3)
MM 105 Aural Skills (1)
MU 110 Recitals/Concerts (2 semesters) (0)
MU 181 Musical Encounters (3)
OR
MU 182 Music: An Artistic Expression (3)
MU 3xx Music Ensembles (2)
UI 310 American Musical Experience (3)
Choose 7 Hours From:
ME xxx Instrumental Techniques (1-2)
MH 251 Hist & Lit of Music to 1827 (3)
OR
MH 252 Evol/Musical Style Since 1827 (3)
MM 102 Basic Harmony & Form (3)
MM 106 Aural Skills II (1)
MP xxx Applied Music (2-5)
MU 151 Functional Piano I (or equiv) (1)
OR
MU 152 Functional Piano II (or equiv) (1)
MU 190 Jazz Appreciation (3)
MU xxx Music Ensembles (2)
MU 430 Literature: Applied Area (2)
MU 432 Pedagogy: Applied Area (2)
UI 315 Electronics & Comptrs in Music (3)
UI 402 Music in World Cultures (3)

NUTRITION

18 Hours Required
Required Courses:
FN 205 Selection & Prep of Foods (3)
FN 235 Nutrition for Health (3)
FN 355 Lifespan Nutrition (3)
FN 540 Community Nutrition (3)
Choose 6 Hours From:
FN 255 Nutrition I (3)
FN 370 Nutrition Assessment (3)
FN 401 Sports Nutrition (3)
FN 502 Nutrition II (3)
HE 520 Tech Tchg Ntr & Health Ed (3)

OUTDOOR ADVENTURE LEADERSHIP

18 Hours Required
RC 150 Outdoor Living Skills (3)
RC 151 Outdoor Adventure Skills (3)
RC 250 Found of Outdoor Recreation (3)
RC 310 Outdoor Leadership (3)
RC 450 Outdoor Adventure as Treatment (3)
Choose 3 Hours From:
RC 119 Outdoor Adventure Special Topics (1-3)
RC 316 Special Topics in Health & Leisure (1-3)
RC 812 Outdoor Adventure (3)

PHILOSOPHY

18 Hours Required
Required Courses:
PL 120 Symbolic Logic I (3)
PL 300 Ancient Philosophy (3)
PL 390 Contemporary Philosophy (3)
Choose 3 Hours From:
PL 110 Readings in Philosophy (3)
PL 203 Aesthetics & the Arts (3)
PL 204 Ethical Theory (3)
PL 245 Social Philosophy (3)
RS 101 World Religions (3)
Choose 6 Hours PL courses (300-400 level) or any departmentally approved courses with a UI prefix
PHYSICS
15 Hours Required
Required Courses:
PH 120/020 Introductory Physics I (5)
  OR
PH 230/030 General Physics I (5)
PH 121/021 Introductory Physics II (5)
  OR
PH 231/031 General Physics II (5)
Choose 5 Hours EP or PH electives (300-500 level, including UI 330)

POLITICAL SCIENCE
15 Hours Required
Required Courses:
PS 103 U.S. Political Systems (3)
  OR
PS 104 Comparative Political Systems (3)
PS 240 Intro to Political Science (3)
PS 470 Politics of the Developed World (3)
Choose 6 Hours PS courses (At least 2 hours must be 300-500 level)

PSYCHOLOGY: APPLIED
18 Hours Required
Required Courses:
PY 102 Introduction to Psychology (3)
PY 250 Applied Psychology (3)
PY 358 Social Psychology (3)
Choose 9 Hours From:
PY 251 Industrial/Organizational Psychology (3)
PY 359 Psychology & the Law (3)
PY 531 Psychological Testing (3)
UI 354 Lifestyle Enhancement (3)

PSYCHOLOGY: DEVELOPMENTAL
18 Hours Required
Required Courses:
PY 102 Introduction to Psychology (3)
PY 120 The Child:Devel/Concept/Adlsc (3)
  OR
PY 222 Development of the Adolescent (3)
PY 220 Psych Devel Across Life Span (3)
PY 525 Maturity & Aging (3)
Choose 3 Hours From:
PY 325 Psych Devel of the Family (3)
PY 444 Childhood Psychopathology (3)
Choose 3 Hours From:
PY 329/529 Psychology of Death & Dying (3)
PY 521 Advanced Child Development (3)

PSYCHOLOGY: GENERAL
18 Hours Required
Required Courses:
PY 102 Intro to Psychology (3)
Choose 3 Hours From:
PY 362 Learning & Memory (3)
PY 366 Intro to Sensation & Perception (3)
PY 466 Intro to Physiological Psychology (3)
Choose 3 Hours From:
PY 353 Social Cognition (3)
PY 364 Comparative Cognition (3)
PY 460 Cognitive Processes (3)
Choose 3 Hours From:
PY 120 The Child (3)
PY 220 Psychological Development Across the Lifespan (3)
PY 222 Development of the Adolescent (3)
PY 325 Psych Development of the Family (3)
PY 525 Maturity & Aging (3)
Choose 3 Hours From:
PY 432 Intro to Personality (3)
PY 440 Abnormal Psychology (3)
PY 441 Intro to Clinical Psychology (3)
Choose 3 Hours From:
PY 250 Applied Psychology (3)
PY 251 Industrial/Organizational Psychology (3)
PY 358 Social Psychology (3)

PSYCHOLOGY: PSYCHOLOGICAL SERVICES
18 Hours Required
Required Courses:
PY 102 Introduction to Psychology (3)
PY 432 Intro to Personality (3)
PY 440 Abnormal Psychology (3)
Choose 9 Hours From:
PY 358 Social Psychology (3)
PY 359 Psychology & the Law (3)
PY 441 Intro to Clinical Psychology (3)
PY 442 Psychotherapy (3)
PY 444 Childhood Psychopathology (3)
PY 531 Psychological Testing (3)

PUBLIC ADMINISTRATION
18 Hours Required
Required Courses:
PS 230 American Public Policy (3)
PS 384 Political Science Internship (3)
PS 402 Fund of Public Administration (3)
PS 403 Public Personnel Administration (3)
PS 415 Government Budgeting Process (3)
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Choose 3 Hours From:
EC 525  Public Policy Economics (3)
EC 561  Managerial Economics (3)
MG 301  Principles of Management (3)
PS 418  Public Policy Analysis (3)
PS 425  Admin Law & Procedure (3)
PY 450  Organizations as Open Systems (3)

RECREATION
15 Hours Required
Required Courses:
RC 140  Intro to Recreation Services (3)
RC 288  Practicum in Rec Services (3)
RC 380  Programming for Rec Svcs (3)
Choose 3 Hours From:
RC 210  Camp Leadership (3)
RC 220  Leadership & Group Dynamics (3)
RC 250  Found of Outdoor Recreation (3)
RC 260  Intro to Therapeutic Recreation (3)
RC 270  Commercial Recreation (3)
Choose 3 Hours From:
RC 360  Thrptic & Adapted Rec Svcs (3)
RC 385  Rec Facilities Planning & Mgmt (3)
RC 405  Trends & Issues in Rec & Leisure (3)
RC 420  Organ & Admin of Rec Services (3)

RELIGION
18 Hours Required
Required Courses:
PL 499  Independent Study in Philosophy (3)
RS 101  World Religions (3)
UI 336  Religion in America (3)
Choose 3 Hours From:
LI 222  Mythic Dimensions of Literature (3)
RS 201  New Testament Literature (3)
RS 202  Old Testament Literature (3)
Choose 6 Hours From:
AN 375  Primitive Religions (3)
PL 340  Philosophy of Religion (3)
RS 350  Religious Topics & Issues (3)
UI 415  Science & Religion (3)

SMALL PRESS PUBLISHING
18 Hours Required
Required Courses:
EN 275  Intro to Creative Writing (3)
EN 311  Literary Manuscript Editing Pract (3)
EN 435  Internship in English (3)
GM 180  Intro to Indus Graphics (3)
LI 301  Small-Press Publishing (3)
Choose 3 Hours From:
AR 319  Intro to Graphic Design (3)
AR 322  Typography (3)
EN 470  Adv Creative Writ: Poetry (3)
EN 478  Adv Creative Writ: Fiction (3)
GM 282  Vector and Text Graphics (3)
MC 310  Advertising Comm Strategies (3)
MK 301  Principles of Marketing (3)

SOCIAL REHABILITATION AND TREATMENT
21 Hours Required
Required Courses:
CJ 440  Theory/Methods of Offndr Rehab (3)
SR 444  Trtmt Strat: Alch/Drug Abuse (3)
SR 448  Juv Just Trtmt/Intervention Strat (3)
SW 110  Intro to Social Work (3)
Choose 3 Hours From:
PY 440  Abnormal Psychology (3)
PY 441  Intro to Clinical Psychology (3)
PY 444  Childhood Psychopathology (3)
Choose 6 Hours From:
PY 325  Psych Devel of the Family (3)
PY 440  Abnormal Psychology (3)
(If not chosen above)
RC 260  Intro to Therapeutic Recreation (3)
RC 450  Outdoor Adventure as Treatment (3)
SR 450  Wilderness Adventure Therapy (3)
SW 315  Social Work Intervention (3)

SOCIAL WORK
15 Hours Required
Required Courses:
SW 110  Intro to Social Work (3)
SW 207  Undrstdng Cultrl/Soc Diversity (3)
Choose 3 Hours From:
SW 351  Child Welfare (3)
SW 352  Social Work with the Aged (3)
SW 353  Child Development (3)
SW 354  Crisis Intervention (3)
SW 355  Special Topics in Social Work (3)
SW 356  Social Work in Mental Health (3)
SW 389  Ind Study in Social Work (3)
Choose One Area of Emphasis (6 Hours):
SOCIAL WELFARE
SW 201  Social & Economic Justice (3)
SW 310  Social Welfare Policy & Issues (3)
SOCIAL WORK PRACTICE
SW 121 Helping Skills for the Human Svcs (3)
SW 315 Social Work Intervention (3)

SOCIOLOGY
15 Hours Required
Required Course:
SO 102 Society/Culture/Social Behr (3)
OR
SO 120 Cities and Society (3)
Choose 12 Hours SO courses (At least 6 Hours must be 300-500 level)

SOILS
16 Hours Required
Required Courses:
AG 551 Water Management (3)
AO 120 Plant Science (3)
AO 125 Plant Science Lab (1)
AO 215 Soils (3)
AO 427 Soil Fertility & Plant Nutrition (3)
AO 555 Soil Classification/Resource Mgt (3)

SPANISH
18 Hours Required
Required Courses:
SN 100 Spanish Language & Culture I (3)
SN 120 Spanish Language & Culture II (3)
SN 200 Spanish Language & Culture III (3)
SN 220 Hispanic Literature (3)
Choose 6 Hours SN courses (300-500 level)

SPORT MANAGEMENT
15 Hours Required
Required Courses:
PE 201 Sport & Society (3)
SM 220 Intro to Sport Management (3)
SM 360 Sporting Event Management (3)
SM 540 Legal Aspects of Sport & Phys Activity (3)
Select one course from the following:
SM 340 Sport Ethics (3)
SM 455 Sport-Related Venue Dsgn/Operation (3)
SM 460 Fund of Sport Delivery Systems (3)
SM 570 Mgmt & Leadership in Sport Org (3)

SUBSTANCE ABUSE PREVENTION
15 Hours Required
Required Courses:
HL 1xx Foundations of Prevention (3)
HL 4xx Substance Abuse/Addct in Public Hlth (3)
UI 300 Drugs & Behavior (3)
Choose 3 hours:
HL 312 Sport & Exercise Pharmacology (3)
HL 320 Community Health (3)
HL 526 Health Behavior Change (3)
RC 288 Practicum (3)
Choose 3 hours:
PY 151 Social Decision Making (3)
PY 222 Development of the Adolescent (3)
RC 245 Mentoring Princ/Pract (3)
SR 444 Treatment Strategies (3)

TESOL
21 Hours Required
EN 378 Grammars of English (3)
EN 486 Sociolinguistics (3)
TL 525 Theories of Lang/Learn/Teach (3)
TL 425 Develop Matls & Assess Tools for ESOL Classroom (3)
TL 530 Practicum in TESOL (3)
TL 585 Methods/Techniques of TESOL (3)
UI 501 Principles of Language (3)

THEATRE: ACTING
23 Hours Required
Required Courses:
TH/DA 105 Rehearsal & Production (1)
TH 218 Acting I (6)
TH/DA 305 Rehearsal & Production (1)
TH 316 Acting II (6)
TH 321 Stage Combat I (3)
TH 416 Acting III (3)
Choose 3 Hours From:
TH 317 Voice for the Stage (3)
TH 319 Acting for Film & TV (3)
TH 431 Stage Combat II (3)

THEATRE: GENERAL
23 Hours Required
Required Courses:
TH/DA 105 Rehearsal & Production (1)
TH 155 Makeup (3)
TH 218 Acting I (3)
TH 231 Stagecraft I (3)
TH 251 Costume Construction (3)
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TH/DA 305  Rehearsal & Production (1)

Choose 3 hours From:
TH 265  Drawing for the Theatre (3)
TH 316  Acting II (3)

Choose 6 Hours From:
TH 375  Performing Arts Mgmt (3)
TH 385  Directing I (3)
TH 395  Period & Style (3)
TH 490  Theatre History I (3)
TH 495  Theatre History II (3)

THEATRE: TECHNICAL

23 Hours Required
Required Courses:
TH/DA 105  Rehearsal & Production (1)
TH 155  Makeup (3)
TH 231  Stagecraft I (3)
TH 251  Costume Construction (3)
TH 265  Drawing for the Theatre (3)
TH/DA 305  Rehearsal & Production (1)

Choose 9 Hours From:
TH 331  Stagecraft II (3)
TH 350  Stage Lighting I (3)
TH 351  Costume Design I (3)
TH 361  Scene Painting (3)
TH 371  Scenic Design I (3)
TH 375  Performing Arts Mgmt (3)
TH 386  Sound Design (3)
TH 395  Period & Style (3)
TH 450  Stage Lighting II (3)
TH 451  Costume Design II (3)
TH 471  Scenic Design II (3)

WOMEN’S STUDIES

15 Hours Required
Required Courses:
WS 100  Introduction to Women’s Studies (3)
WS 300  Seminar: Issues in Women’s Studies (3)

Choose 9 Hours From:
LI 587  Women and Madness (3)
UI 303  The Female Experience (3)
UI 332  Images of Women in Literature (3)
UI 406  Transforming the Female Experience (3)
UI 4xx  Feminist Spirituality (3)
US 360  Women in American History (3)

WRITING

15 Hours Required
Required Courses:
EN 140  Rhetoric & Critical Thinking (3)
EN 376  Advanced Composition (3)
EN 550  Style in Writing (3)

Choose 6 Hours From One Option:

EXPOSITORY WRITING
EN 301  Writing Science/Technology (3)
EN 435  Internship (3)

CREATIVE WRITING
EN 275  Intro to Creative Writing (3)
EN 470  Adv Creative Writing: Poetry (3)
EN 478  Adv Creative Writing: Fiction (3)

ZOOOLOGY

21 Hours Required
Required Courses:
BI 151  Biological Reasoning (3)
BI 152  Intro to Scientific Investigation (1)
BI 153  Intro to Organismal Biology (4)
BI 154  Genetics & Cell Biology (4)
ZO 200  Animal Biology (3)

Choose 6 Hours From:
BI 332  General Ecology (3)
BI 384  Readings in Biology (1)
BI 485  Topics in Biology (3)
BI 493  Readings in Biology (2)
BI 589-591  Biological Research (1-3)
ZO 315  Comparative Anatomy (3)
ZO 414  Developmental Biology (3)
ZO 420  Animal Behavior (3)
ZO 441  Parasitology (3)
ZO 459  Mammalogy (3)
ZO 460  Herpetology (3)
ZO 465  Entomology (3)
ZO 466  Ornithology (3)
ZO 469  Vertebrate Adaptations (3)
ZO 478  Ichthyology (3)
CERTIFICATE PROGRAMS

Short-term curricula are provided for students not planning to complete a four-year degree. Earned credit may be applicable toward later completion of a degree. Students completing a short-term program are awarded the appropriate certificate at that semester’s graduation ceremony.

ESOL

15 Hours Required
EN 378   Grammars of English (3)
OR
UI 501   Prin of Language (3)
EN 381   Language Acquisition (3)
OR
TL 525   Eng Sec/For Lang: Learn/Teach (3)
OR
EX 302   Lang Dev of Except Child (3)
EN 486   Sociolinguistics (3)
OR
SE 275/  Diversity in Am Schools (3)
EL 274   Matl & Assmt for ESL Cslrm (3)
OR
TL 530   Practicum for TESOL (3)
TL 585   Methd/Tech for Teach ESOL (3)
OR
EN 315   Found of Teaching ELLs (3)

TEACHING ASSISTANT PREPARATION- ELEMENTARY/ SPECIAL EDUCATION

63-64 Hours
Required Courses:
BS 118   Intro to Process Science (1)
BS 218   Bio Science: Process Approach (3)
EC 101   Econ Problems/Policies (3)
ED 250   Intro to Education (2)*
ED 251   Intro to Technology (2)*
EF 304   Found of School & Society (2)*
EN 100   English Composition I (3)*
EN 140   Rhetoric/Critical Thinking (3)*
MU 356   Music Skills/Elem Teachers (1)
PS 103   US Political Systems (3)
PY/CF 120 The Child (3)*
SC 105   Fund of Oral Communication (3)*
UI 100/CL001/CL 002 First Year Seminar (3)
US 105   American History I (3)
OR
US 107   American History II (3)
UI 308   Physical/Cultural Landscape (3)
UI 318   Earth Science: Process Approach (3)
XX xxx   Artistic Expression (3)
*C or better required

TEACHING ASSISTANT PREPARATION- MIDDLE/ SECONDARY EDUCATION

63-65 Hours
Required Courses:
ED 250   Intro to Education (2)*
ED 251   Intro to Technology (2)*
EF 304   Found of School & Society (2)*
EN 100   English Composition I (3)*
EN 140   Rhetoric/Critical Thinking (3)*
MU 356   Music Skills/Elem Teachers (1)
PS 103   US Political Systems (3)
PY 222   Devlp of the Adolescent (3)*
SC 105   Fund of Oral Communication (3)*
UI 100/CL001/CL 002 First Year Seminar (3)
UI 3xx   Interdisciplinary Studies course (3)
US 105   American History I (3)
OR
US 107   American History II (3)
XX xxx   Artistic Expression (3)
XX xxx   Economic Systems (EC xxx) (3)
XX xxx   Literary Expression (LI xxx) (3)
XX xxx   Living Systems (BI xxx, BS xxx or FN 235) (3)
XX xxx   Logical Systems (MA 123 or MA 134 or MA 155) (3)
XX xxx   Physical Systems (CH xxx, GO xxx, PH xxx) (3-5)
Subject Matter Concentration Area: Choose from Art, Biology, Business, Chemistry, English, Family & Consumer Sciences, Industrial Education, Mathematics, Music, Physical Education, Social Studies, Spanish, etc.) (15)
*C or better required