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
- Business Administration
- Business Law
- Chemistry
- Child Development
- Coaching
- Commercial Photography
- Communication Disorders
- Communication for Health Professionals
- Communication for Legal Professionals
- Communication Studies
- Companion Animals
- Computer Networking
- Computer Science
- Construction Management
- Criminal Justice
- Criminology
- Cybersecurity
- Dance
- Economics
- Electronics Technology
- Engineering Physics
- Entrepreneurship
- Environmental Science
- Exercise Science
- Family Studies
- Fashion Entrepreneurship
- Fashion Merchandising
- Finance
- Fine Arts Entrepreneurship
- French
- Geographic Information Systems
- 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 Management
- Mass Communication
- Mathematics
- Military Science
- 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
- Supply Chain Management
- Sustainability
- Theatre: Acting
- Theatre: General
- Theatre: Technical
- Writing
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)

AGRICULTURE
18 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)
HO 110  Intro to Horticulture (3)
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 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 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 126  Computer Aided Arch Drafting (3)
CM 226  Residential Arch Drft & Design (3)
Choose 9 Hours From:
CM 315  Constr Contracts/Legal Iss (3)
CM 322  Commercial Arch Drft & Design (3)
CM 243  Constr Methods & Materials II (3)
CM 310  Building Codes & Compliance (3)
HO 330  Strategic Landscape 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)
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 Exceptional Child (3)
EX 555 Intro to Autism Spectrum Disorders (3)
EX 556 Comm Interv/Strat for Indiv w/ Autism Spec Dis (3)
Choose One 9 Hour Option
OPTION I Applied Behavioral Analysis Focus
CF 531 Basic Prin of Appl Behvr Analysis (3)
CF 532 Behvr Assess & Data Analysis (3)
CF 533 Strat for Behvr 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 Behvr Analysis (3)
EX 304 Behavior Management (3)
EX 557 Behavior Mgmt/Interventions (3)
Choose 3 Hours:
CF 200 Constructive Guidance & Discipline (3)
CF 280 Lrng Theory/Application: Preschool (3)
EX 558 Seminar in Autism (3)

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)
MG 301 Principles of Management (3)
MI 375 Management Info Systems (3)
MK 301 Principles of Marketing (3)
QM 257 Business Statistics I (3)
QM 258 Business Statistics II (3)
*All courses require minimum grade of ‘C’.

BUSINESS LAW
15 Hours Required
BL 255 Legal Environ of Business (3)
UI 366 Law & Economics (3)
UI 316 Contemporary Legal Studies (3)
Choose 6 hours from:
AC/BL 563 Legal/Ethical Issues in Acctg (3)
BL 455 Contracts (3)
BL 573 Internship in Business Law (3)
CJ 220 Criminal Law (3)
CJ 370 Juvenile Justice (3)
CJ 422 Criminal Procedure (3)
MC 401 Communication Law (3)
SM 540 Legal Aspects/Phys Activity/Sport (3)
PS 387-389 Indep Study in Poli Sci (1-3)
PL 120 Symbolic Logic I (3)
PS 390 The American Judicial System (3)
PS 425 Administrative Law & Procedure (3)
PS 490 Constitutional Law (3)
PY 359 Psychology and the Law (3)
SC 314 Argumentation (3)
UI 305 Judicial Reasoning (3)

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 two 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 20 hours. Must include a minimum of 3 hours of lab beyond CH 187

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
20 Hours Required:
BI 151 Biological Reasoning (3)
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
## CHILD DEVELOPMENT

### 18 Hours Required*

**Required Courses:**
- CF 120  The Child (3)
- CF 124  Hlth/Nutr/Safety Child (3)
- CF 200  Constructive Guidance & Discipline (3)
- CF 215  Observ: Percep & Process (3)
- CF 330  Middle Childhd & Youth Issues (3)
- CF 410  Culture & Ethnicity of the Child (3)

## COMMUNICATION FOR HEALTH PROFESSIONALS

### 18 Hours Required

**Required Courses:**
- SC 215  Intercultural Communication (3)
- SC 301  Found of Health Communication (3)
- SC 355  Relational Communication (3)
- UI 345  Nonverbal Communication (3)

**Choose 6 Hours From:**
- SC 314  Argumentation & Problem Solving (3)
- SC 335  Interviewing (3)
- SC 360  Experiential Comm Projects (1-3)
- SC 406  Negotiation/Conflict Mgmt (3)
- SC 510  Leadership & Team Building (3)
- UI 425  Persuasion (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)
- UI 504  Leaders of Social Change (3)

## COMMUNICATION STUDIES

### 15 Hours Required

**Required Courses:**
- 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)

## COMMERCIAL PHOTOGRAPHY

### 18 Hours Required

**Required Courses:**
- GM 200  Vector & Bitmapped Graphics for Ind (3)
- GM 385  HD Video for Multimedia (3)
- OR
- PG 325  Pract in Comm Photography (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 Hours Required

**Required Courses:**
- CD 211  Anat/Phys of Spch Mech (4)
- CD 225  Phonetics (3)
- CD 230  Intro to Comm Disorders (4)
- CD 340  Normal Spch & Lang Develop (3)
- UI 454  Perspectives of Literacy (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 300  Domestic Animal A&P I (3)
AY 304  Principles of Animal Nutrition (3)
AY 350  Animal Reproduction (3)

COMPUTER NETWORKING

15 Hours Required
TN 275  Intro to Networks (3)
TN 255  Microcomputer Maint & Trblshng (3)
TN 375  Routing/Switching Essentials (3)
TN 395  Server Maint & Trblshooting (3)
TN 563  LAN Switching (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

CONSTRUCTION MANAGEMENT

15 Hours Required
CM 126  Computer Aided Arch Drafting (3)
CM 243  Construction Methods and Matls (3)
CM 320  Construction Cost Estimating (3)
CM 330  Construction Planning & Scheduling (3)
CM 2xx-5xx  (3)

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  Crim Typ & Victimology (3)
CJ 841  Death Penalty in America (3)
SO 300  Organized/White Collar Crime (3)
SO 305  Race, Gender, Class & Crime (3)
SO 385  Family Violence (3)
SR 444  Trtmnt Strat: Alc & Drg Ab (3)
UI 300  Drugs & Behavior (3)
UI 309  Crime & Hum Behv. (3)

CYBERSECURITY

26 Hours Required
Required Courses:
CS 155  Computer Science I (4)
CS 265  Computer Science II (4)
CY 201  Intro to Cybersecurity (3)
CY 310  Info Security & Assurance (3)
CY 320  Info Security in Syst Admin (3)
MA 464  Mathematical Cryptography (3)
TN 275  Intro to Networks (3)

Choose 3 Hours From:
CS 280  Computer Systems (3)
EP 305  Digital & Analog System Design (3)
ET 245  Logic Circuits (3)

DANCE

23 Hours Required
Required Courses:
DA/TH 105 Rehearsal & Production (1)
DA/TH 305 Rehearsal & Production (1)
DA 280  Movement Analysis I (3)
DA 490  Dance History (3)

Choose 15 Hours (9 Hours must be upper division):
DA 211  Ballet I (1)
DA 221  Modern Dance I (1)
DA 226  Jazz Dance I (1)
DA 2xx  World Dance I (2)
DA 2xx  Hip Hop Dance I (2)
DA 236  Tap Dance I (1)
DA 3xx  Dance Musicianship (3)
DA 311  Ballet II (2)
DA 321  Modern Dance II (2)
DA 326  Jazz Dance II (2)
DA 3xx  World Dance II (2)
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DA 3xx  Hip Hop Dance II (2)
DA 336  Tap Dance II (2)
DA 380  Choreography I (3)
DA 391  Topics in Dance (3)
DA 3xx  Movement Analysis II (3)
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:
BA 361  Prin of Entrepreneurship (3)
BA 561  Bus Planning for New Ventures (3)
MG 301  Prin of Management (3)
MK 301  Prin of Marketing (3)
Choose 3 hours:
BA 521  Topics in Entrepreneurship (3)
BA 531  Imag, Creativity & Innov (3)
BA 551  Manag & Grow New Ventures(3)
*Management majors cannot select this minor.

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 360  Recycling & Waste Management (3)
UI 387  Environmental Law & Public Policy (3)

EXERCISE SCIENCE
22 Hours Required
Required Courses:
HL 231  Fitness Conditioning (3)
HL 331/031  Exercise Physiology (3)
HL 431  Fitness Assmt & Exercise Prog (4)
HL 460  Exercise Leadership (3)
Choose 6 Hours From:
FN 235  Nutrition for Health (3)
OR
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)  
CH 185  General Chemistry (5)  
MA 134  College Algebra (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  Relationships of Commitment (3)  
CF 430  Parent-Child Interaction (3)  
CF 512  Family & Comm Resources (3)  

**FASHION ENTREPRENEURSHIP**  
**15 Hours Required**  
**Required Courses:**  
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 Visual Art (3)  
MU/TH 375  Performing Arts Mgmt (3)  

**FASHION MERCHANDISING**  
**18 Hours Required**  
**Required Courses:**  
FA 110  Intro to Fashion Merchandising (3)  
FA 114  Display Design (3)  
FA 207  Textiles (3)  
FA 350  Apparel Aesthetics (3)  
Choose 6 Hours From:  
FA 300  Prof Image & Behavior (2)  
FA 450  Issues/Trends in Fash Merch (3)  
FA 518  Soc Psych Aspects of Clothing (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 Visual Art (3)  
MU/TH 375  Performing Arts Mgmt (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)  

**GEOGRAPHIC INFORMATION SYSTEMS**  
**15 Hours Required**  
**Required Courses:**  
AG 444  Spatial Analysis (3)  
GO 340/540  Remote Sensing (3)  
GO 445  Geographic Info Systems (3)  
IU 314/GO 514  Geoinfo Science Today (3)  
Choose 3 Hours From:  
AG 440  Precision Agriculture (3)  
CJ 430  Policing in an Information Age (3)  
GO 520  GIS Application (3)  

**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)  

**MINORS**
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)
- CF 518 Gerontology Practicum (3)
- PY 329 Psychology of Death & Dying (3)
- PY 525 Maturity & Aging (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 Dept of Global Cultures and Languages 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 100 Chinese Language & Culture I (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

18 Hours Required

Required Courses:
- GM 180 Intro to Tech Graphics (3)
- GM 200 Vector & Bitmapped Graphics (3)
- GM 282 Vector Graphics (3)
- GM 380 3D Modeling & Animation Prod (3)

Choose 6 Hours From One Option:

OPTION I
- 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)

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 471 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 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**

**17 Hours Required**

**Required Courses:**
- HO 110 Intro to Horticulture (3)
- HO 225 Ident/Use of Deciduous Plants (2)
- HO 235 Ident/Use of Evergreen Plants (2)
- HO 245 Ident/Use of Interior/Tropical Plants (2)
- HO 255 Ident/Use of Annual/Perennial Plants (2)

**Choose 6 hours from:**
- HO 310 Alternative Agriculture (3)
- HO 320 Nursery Administration & Culture (3)
- HO 321 Advanced Plant Propagation (3)
- HO 330 Strategic Landscape Design (3)
- HO 342 Prod of Horticultural Crops (3)
- HO 350 Adv Greenhouse Management (3)
- HO 355 Interior Plantscaping (3)
- HO 430 Adv Turfgrass Management (3)
- HO 431 Landscape Install & Maintenance (3)
- HO 445 Composting/Utiliz in Hort Systems (3)
- HO 450 Vineyard Operations (3)
- HO 464 Adv Horticulture Technologies (3)
- HO 470 Strategic Urban Hort (3)

**HOSPITALITY MANAGEMENT**

**18 Hours Required**

**Required Courses:**
- HM 150 Intro to Hospitality Mgmt (3)
- HM 205 Basic Culinary Techniques (3)
- HM 270 Hotel & Restaurant Operation (3)
- HM 304 Food, Bev & Labor Cost Cntrls (3)
- HM 390 Hosp Sales & Marketing (3)
- HM 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)
- 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 Manufact Resource Analysis (3)

Mechanical and Manufacturing
MN 221 Solid Model & Rapid Prototyp (3)
MN 304 Indus Maths & 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 Computer Information Systems I (3)
Choose 6 Hours From:
IS 130 Application Development I (3)
IS 245 Web Developm't & Security (3)
IS 275 Computer Information Systems II (3)
Choose 6 hours of IS prefix courses at the 300-500 level

INTERIOR DESIGN
18 hours required
Required Courses:
DS 001 Portfolio Review (0)
DS 104 Exploring Interior Design (3)
DS 111 Tech Drafting for Designers (3)
DS 211 Basic Kitchen & Bath Design (3)
DS 220 Design Communications (3)
Choose 6 Hours From:
DS 313 Sustainable Design (3)
DS 314 Multicultural Design (3)
DS 410 Hospitality Design (3)
DS 412 Contract Design (3)

INTERNATIONAL BUSINESS
18 Hours Required
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)
OR
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**

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 301  Principles of Management (3)</td>
</tr>
<tr>
<td>MG 550  Improving Team Performance (3)</td>
</tr>
<tr>
<td>MG 562  Organization Theory &amp; Design (3)</td>
</tr>
</tbody>
</table>

**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: SALES MANAGEMENT

**15 Hours Required**

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 301  Principles of Marketing (3)</td>
</tr>
<tr>
<td>MK 342  Professional Selling (3)</td>
</tr>
<tr>
<td>MK 344  Consumer Behavior (3)</td>
</tr>
<tr>
<td>MK 447  Sales Management (3)</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 301  Principles of Marketing (3)</td>
</tr>
<tr>
<td>MK 341  Public Relations (3)</td>
</tr>
<tr>
<td>MK 342  Professional Selling (3)</td>
</tr>
<tr>
<td>MK 343  Advertising &amp; Promotion (3)</td>
</tr>
<tr>
<td>MK 443  Integrated Mktg Comm Practicum (3)</td>
</tr>
</tbody>
</table>

### MARKETING: MARKETING MANAGEMENT

**15 Hours Required**

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 301  Principles of Marketing (3)</td>
</tr>
<tr>
<td>MK 343  Advertising &amp; Promotion (3)</td>
</tr>
<tr>
<td>MK 346  Distribution Management (3)</td>
</tr>
<tr>
<td>MK 348  Product &amp; Pricing Strategy (3)</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 301  Principles of Marketing (3)</td>
</tr>
<tr>
<td>MK 343  Advertising &amp; Promotion (3)</td>
</tr>
<tr>
<td>MK 349  Retail Management (3)</td>
</tr>
</tbody>
</table>

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

*Cannot double count electives in other Marketing minors*

### MASS COMMUNICATION

**18 Hours Required**

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

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC 101  Mass Communication &amp; Society (3)</td>
</tr>
<tr>
<td>MC 401  Communication Law (3)</td>
</tr>
</tbody>
</table>

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

### MATHEMATICS

**15 Hours Required**

<table>
<thead>
<tr>
<th>Required Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 140  Analytic Geometry &amp; Calc I (5)</td>
</tr>
</tbody>
</table>

**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.**

### MILITARY SCIENCE

**15 Hours Required**

<table>
<thead>
<tr>
<th>Required Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NG 101  Intro to Military Science (3)</td>
</tr>
</tbody>
</table>

**OR**

| NG 103  Warrior Leader Course (3) |
| NG 301  Adaptive Army Leadership I (3) |
| NG 401  Adaptive Army Leadership II (3) |

**Choose 6 Hours From:**

| NG 201  Intro Army Team Leadership I (3) |
| NG 202  Intro Army Team Leadership II (3) |
| NG 401  Appl of Army Leadership Skills (3) |
| NG 402  Prep for First Duty Assignment (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 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
15 Hours Required
Required Courses:
FN 235 Nutrition for Health (3)
FN 255 Nutrition I (3)
FN 355 Lifespan Nutrition (3)
Choose 6 Hours From:
FN 320 Essent of Food Science (3)
FN 401 Sports Nutrition (3)
FN 502 Nutrition II (3)
FN 520 Nutrition & Aging (3)
HE 520 Tech Tchg Ntr & Health Ed (3)
HM 205 Basic Culinary Techniques (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  Indus/Organiz Psychology (3)
PY 359  Psychology & the Law (3)
PY 531  Psychological Testing (3)
UI 354  Lifestyle Enhancement (3)

PSYCHOLOGY: DEVELOPMENTAL

15 Hours Required
Required Courses:
PY 102  Introduction to Psychology (3)
PY 120  The Child (3)
OR
PY 222  Development of the Adolescent (3)
PY 220  Psych Devel Across Life Span (3)

Choose 6 Hours From:
PY 325  Psych Devel of the Family (3)
PY 329/529  Psychology of Death & Dying (3)
PY 444  Childhood Psychopathology (3)
PY 525  Maturity & Aging (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 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)
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 302 Small-Press Publishing (3)
- 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)

**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)
- SW 315 Social Work Intervention (3)

## SOCIAL WORK

**15 Hours Required**

**Required Courses:**
- SW 110 Intro to Social Work (3)
- SW 207 Undrstndng Cultrl/Soc Diversity (3)

**Choose 3 Hours From:**
- HS 301 Found Child Maltreatmnt/Advocacy (3)
- 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):**

**SPECIAL SERVICES**
- SW 201 Social & Economic Justice (3)
- SW 310 Social Welfare Policy & Issues (3)

**SPECIAL 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/Resources 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 250  Governance of Sport Organizations (3)
- 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)
- HL320  Community Health (3)
- HL526  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 340  Mentoring Principles (3)
- SR 444  Treatment Strategies (3)

SUPPLY CHAIN MANAGEMENT

15 Hours Required

Required Courses:
- MI 375  Management Info Systems (3)
- QM 352  Quantitative Analysis (3)
- QM 558  Prin of Supply Chain Mgmt (3)

Choose 6 hours from:
- FI 362  Adv Financial Mgmt (3)
- FI 368  Investments (3)
- MG 354  Bus Negotiations: Conc/Pract (3)
- MG 470  Leadership in Mgmt (3)
- MK 346  Distribution Management (3)
- MK 478  Global Logistics (3)
- MK 560  International Mktg (3)
- QM 530  Operations Analysis & Mgmt (3)

SUSTAINABILITY

21 Hours Required

Required Courses:
- AG 201  World Food & Society (3)
- EC 101  Econ Problems & Policies (3)
- EC 215  Prin of Microeconomics (3)
- MN 220  Engr Economic Analysis (3)
- BS 105  Environmental Biology (3)
- UI 429  Environmental Ethics (3)

Choose 6 hours from:
- AG 433  Agriculture & Food Policy (3)
- AO 327  Sustainable Agriculture (3)
- BI 435  Conservation Biology (3)
- BI 440  Ecology & Mgmt of Wetlands (3)
- CH/EV 450  Environmental Chemistry (3)
- DS 104  Intro to Interior Design (3)
- EC/EV 344  Environmental Economics (3)
- ET 426  Sustainable Energy Technologies (3)
- FM 564  Sustainable Fac Planning/Design (3)
- HO 355  Interior Plantscaping (3)
- IM 455  Sustainable & Green Manufacturing (3)

Choose 6 hours from:
- IU 318  Sust Energy, Agric & Industry (3)
- UI 344  Plants & Humanity (3)
- UI 347  Living in a Global Society (3)
- UI 360  Recycling & Waste Management (3)
- UI 386  Environmental Health (3)
- UI 387  Environ Law & Public Policy (3)
- UI 436  Agricultural Ethics (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 Styles (3)

Choose 3 hours from:
- TH 317  Voice for the Actor I (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)
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 I (3)
TH 395  Period & Style (3)
TH 450  Stage Lighting II (3)
TH 451  Costume Design II (3)
TH 471  Scenic Design II (3)
TH 4xx  Sound Design II (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 the following:
EN 201  Writing About Literature (3)
EN 275  Intro to Creative Writing (3)
EN 375  Intermediate Creative Writing (3)
EN 470  Adv Creative Writing: Poetry (3)
EN 478  Adv Creative Writing: Fiction (3)
EN 572  Creative Nonfiction Essay (3)
IU 309  Writing for Science & Tech (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.

AUTISM SPECTRUM DISORDER
18 Hours Required
EX 555  Intro to Autism Spectrum Disorders (3)
EX 556  Comm Interv/Strat for Indiv w/ Aut Spec Dis (3)
EX 557  Behvr Mgmt/Interv for Indiv w/ Aut Spec Dis (3)
EX 558  Research Autism Spectrum Disorders (3)
EX 559  Clinical Practicum (3)
PY/CF 120  Development of the Adolescent (3)

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 (2)
EN 486  Sociolinguistics (3)
OR
SE 275/EL 274 Diversity in Am Schools (3)
TL 425  Matl & Assmt for ESL Clsrm (3)
OR
TL 530  Practicum for TESOL (3)
TL 585  Methd/Tech for Teach ESOL (3)
OR
EN 315  Found of Teaching ELLs (3)
HEALTHCARE FACILITIES OPERATIONS

27 Hours Required

MA 134  College Algebra (3)
MN 220  Engineering Economic Analysis (3)
CM 310  Building Codes & Compliance (3)
CM 315  Construction Contracts & Legal Issues (3)
CM 325  Building Mechanical & Electrical Systems (3)
FM 554  Facilities Operation & Supervision (3)
FM 564  Sustainable Facilities Planning & Design (3)
FM 565  Building Automation & Technology (3)
IM 317  Cooperative Industrial Internship (3)

OR

IM 506  Projects in Industrial & Engineering Technology (3)

TEACHING ASSISTANT PREPARATION- ELEMENTARY/SPECIAL EDUCATION

64-65 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)*
ED 254  Found of School & Society (2)*
EL 315  Theories/Learning/Mgmt (2)
EN 100  English Composition I (3)*
EN 140  Rhetoric/Critical Thinking (3)*
HL 120  Health Perspectives (3)

OR

HL 210  Health & Safety (2)
LI 243  Children's Literature (3)
MA 118  Mathematics I (3)
MA 318  Mathematics II for Elem Teachers (3)
MA 418  Geometry and Measurement for Educators (4)
MU 356  Music Skills/Elem Teachers (1)
PH 218  Physical Science: Process Approach (3)
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)
XX xxx  Artistic Expression (3)
XX xxx  Economic Systems (EC xxx) (3)
XX xxx  Literary Expression (LI xxx) (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

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  S 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  Logical Systems (MA 123 or MA 134 or MA 155) (3)

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