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 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 Managements
- 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
- TESOL
- 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 US Air/Space Power I (1)
AS 201 Evol of US Air/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
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 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 126 Computer Aided Arch Drfting (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 Constr 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 Except 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 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 Constructive Guidance & Discipline (3)
CF 280 Lrng Theory/Application: Preschool (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
20 Hours Required:
BI 151 Biological Reasoning (3)
BI 153 Intro to Organismal Biology (4)

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)
IU 300 Cyberlaw (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

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)

COACHING
21-22 Hours Required
Required Courses:
CG 400 Coaching Administration (3)
CG 470 Practicum in Coaching (3)
PE 220 First Aid (2)
PE 235 Psych/Coaching & Hum Perfrm (3)
PE 341 Physiology of Conditioning (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)
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
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)

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 406 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
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)
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)

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 NETWORKING
15 Hours Required
TN 275  Network Fundamentals (3)
TN 255  Microcomputer Maint & Trblshntg (3)
TN 375  Netwk Rout Protocols & Concepts (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

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)

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  Network Fundamentals (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 (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 336  Tap Dance II (2)
DA 380  Choreography I (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 Development 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)

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)

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.

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)

OR
CH 181 Basic Princ of Chem (5)

OR
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)

**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)

**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 FA courses**

**FASHION MERCHANDISING**

18 Hours Required

**Required Courses:**
- FA 110 Intro to Fashion Merchandising (3)
- FA 114 Display Design (3)
- FA 207 Textiles (3)
- FA 230 Apparel Analysis (3)
- FA 350 Apparel Aesthetics (3)

**Choose 6 Hours From:**
- FA 300 Prof Image & Behavior (2)
- FA 415 Fashion Retailing (3)
- FA 420 Specialty Market (3)
- FA 450 Issues/Trends in Fash Merch (3)
- FA 517 History of Costume (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)

**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)**

**GEOPHYSICS**

15 Hours Required

**Required Courses:**
- GO 110 Physical Geology (3)
- UI 373 Earth/Life Thru Time (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)**

**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)
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)

Choose 6 Hours GN courses (300-400 level)

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)

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)
- 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 Matls (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 (3)
HO 235 Ident/Use of Evergreen Plants (3)
HO 245 Ident/Use of Interior/Tropical Plants (3)
HO 255 Ident/Use of Annual/Perennial Plants (3)
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)
Minors
Southeast Missouri State University 2014-15

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 Devlpmnt & Security (3)
IS 275  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  Introduction to Interior Design (3)
DS 111  Design Process (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
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)
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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: 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)

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

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 Course:
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 250, MA 318 & MA 418) including 6 hours at the 300-500 level.

MILITARY SCIENCE

15 Hours Required
Required Courses:
NG 101  Intro to Military Science (3)
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 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
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

18 Hours Required  
**Required Courses:**  
- PY 102 Introduction to Psychology (3)  
- PY 120 The Child: Development/Concept/Adls (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 Child Psychopathology (3)  

# PSYCHOLOGY: GENERAL

18 Hours Required  
**Required Courses:**  
- PY 102 Intro to 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 Child 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 Thrdic & Adapted Rec Srvcs (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)
OR
RC 260 Intro to Therapeutic Recreation (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:
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)
- 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 245 Mentoring Princ/Pract (3)
- SR 444 Treatment Strategies (3)

SUPPLY CHAIN MANAGEMENT

15 Hours Required

Required courses:
- MI 375 Management Info Systems (3)
- MK 546 Distribution Management (3)
  OR
- MK 478 Global Logistics (3)
- QM 352 Management Science (3)
- QM 358 Productions/Operations Mgmt (3)
- QM 558 Prin of Supply Chain Mgmt (3)

SUSTAINABILITY

21 Hours Required

Required courses:
- AG 201 World Food & Society (3)
  OR
- EC 101 Econ Problems & Policies (3)
  OR
- EC 215 Prin of Microeconomics (3)
  OR
- 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)

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 Maths & 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 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 (3)
TH 395  Period & Style (3)
TH 450  Stage Lighting II (3)
TH 451  Costume Design II (3)
TH 471  Scenic 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 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)

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 DISORDERS

15 Hours Required
EX 555  Intro to Autism Spectrum Disorders (3)
EX 556  Comm Interv/Strat for Indiv with Aut Spec Dis (3)
EX 557  Behvr Mgmt/Interv for Indiv with Aut Spec Dis (3)
EX 558  Research Autism Spectrum Disorders (3)
EX 559  Clinical Practicum (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 Construction Building Codes (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 Energy Management (3)
IM 3 17 Cooperative Industrial Internship (3)
OR
IM 506 Projects in Industrial & Engineering Technology (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)*
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 for Elem Teachers (3)
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 Artistic Expression (3)
UI 100/CL001/CL 002 First Year Seminar (3)
*C or better required

US 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)

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)
*C or better required

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