

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
Child Development- Childhood Trauma & Outcomes
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
Cybersecurity for Business Systems
Dance
Economics
Electronics Technology
Engineering Physics
Entrepreneurship
Environmental Science
Equine 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 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:**

ER 361 Prin of Entrepreneurship (3)

ER 551 Managing/Growing a New Venture (3)

ER 561 Bus Planning for New Ventures (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)

Choose 12 Hours (6 hours must be 300 level or above):

AN 100 Foundations of Human Behvr (3)

AN 101 Observing Cultures (3)

AN 180 Intro/Phys Anthro & Archaeology (3)

AN 333 Applied Anthropology (3)

AN 341 Intro Linguistic Anthropology (3)

AN 355 Special Topics in Anthropology (3)

AN 360 Meso-American Civilizations (3)

AN 375 Anthropology of Religion (3)

AN 493 Anthropology Theory Sem:Cult Anthr/
Linguistics (3)

UI 339 North American Indians (3)

ARCHAEOLOGY**18 Hours Required****Required Courses:**

AN 180 Intro/Phys Anthro & Archaeology (3)

AN 382 Archaeology: Method & Theory (3)

Choose 12 Hours (6 hours must be 300 level or above):

AN 100 Foundations of Human Behvr (3)

AN 101 Observing Cultures (3)

AN 181 Intro Cultural Anthropology (3)

AN 250 World Archaeology (3)

AN 313 Archaeological Fieldwork (3)

AN 319 Archaeological Laboratory (3)

AN 355 Special Topics in Anthropology (3)

AN 360 Meso-American Civilizations (3)

AN 381 North American Archaeology (3)

AN 415 Forensic Anthropology (3)

AN 493 Anthropology Theory Sem:Cult Anthr/
Linguistics (3)

AN 551 Historic Archaeology Fieldwork (3)

UI 339 North American Indians (3)

ARCHITECTURAL DESIGN**15 Hours Required****Required Courses:**

CM 126 Computer Aided Arch Drafting (3)

CM 226 Residential Arch Drft & Design (3)

CM 322 Commercial Arch Drft and Design (3)

Choose two courses: (Only one UI class can be selected)

CM 143 Constr. Methods and Materials I (3)

CM 310 Constr Codes & Compliances (3)

CM 315 Constr Contracts/Legal Iss (3)

HO 330 Landscape Planting Design (3)

UI 337 Issues in Modern Architecture (3)

UI 340 Housing Perspectives

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 2D Design (3)

AR 106 3-D Design (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 555 Intro to Autism Spectrum Disorders (3)

EX 556 Comm Interv/Strat for Indiv w/ Autism Spec Dis (3)

EX 559 Clinical Practicum (3)

Choose One 9 Hour Track**TRACK I - Applied Behavioral Analysis (ABA) Focus**

AB 531 Basic Prin of Appl Behvrl Analysis (3)

AB 532 Mthds for Studying Behvr of Indiv (3)

AB 533 ABA1: Assessment & Skill Acquisition (3)

NOTE: Track 1 is restricted to students accepted into The Accelerated ABA program**TRACK 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)

EX 304 Behavior Management (3)

EX 557 Behavior Mgmt/Interventions (3)

Choose 3 Hours:

CF 280 Lrng Theory/Application: Preschool (3)

CF 285 Lrng Theory/App: Infants/Toddlers (3)

EX 558 Seminar in Autism (3)

**BIOLOGICAL AND MEDICAL SCIENCES
ENTREPRENEURSHIP****18 Hours Required****Required Courses:**

ER 361 Prin of Entrepreneurship (3)

ER 551 Managing/Growing a New Venture (3)

ER 561 Bus Planning for New Ventures (3)

Choose 9 Hours approved BI/BO/BT/ZO courses**BIOLOGY****21 Hours Required:**

BI 163 Evolution & Ecology (4)

BI 173 Cell & Organismal Biology (4)

BI 283 Genetics (4)

Choose 9 Hours From:

BI, BO, BT, ZO prefix courses at the 300-599 level

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:

BL 563 Legal/Ethical Issues in Acctg (3)

BL 455 Contracts (3)

BL 573 Internship in Business Law (3)

CJ 320 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

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)

CHILD DEVELOPMENT-CHILDHOOD TRAUMA & OUTCOMES

18 Hours Required

Required Courses:

- CF 120 The Child (3)
 HS 301 Found Chld Maltrtmnt/Chld Advoc (3)
 HS 401 Child Advocacy II (3)
 HS 402 Child Advocacy III (3)
 PY 444 Childhood Psychopathology (3)
 SW 205 Bldg the Professional Relationship (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 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

- SC 320 Group Comm & Decision Making (3)
- SC 355 Relational Comm Strategies (3)
- UI 425 Persuasion (3)

Choose 6 Hours From:

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

COMPANION ANIMALS

17 Hours Required

- AY 101 Animal Science (3)
- AY 105 Animal Science Experience (2)
- AY 200 Companion Animals (3)
- AY 205 Horse Science (3)

Choose two of the following:

- AY 300 Domestic Animal A&P I (3)
- AY 304 Principles of Animal Nutrition (3)
- AY 310 Animal Anat & Phys II (3)
- AY 350 Animal Reproduction (3)

COMPUTER NETWORKING

15 Hours Required

- TN 275 Intro to Networks (3)
- TN 255 Microcomputer Maint & Trblshntg (3)
- TN 375 Routing/Switching Essentials (3)

- TN 395 Server Maint & Trblshooting (3)
- TN 563 Connecting Networks (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 Theories of Crime (3)
- SO 444 Deviant Social Behavior (3)

Choose 9 Hours From:

- CJ 375 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 Behvr (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)

CYBERSECURITY FOR BUSINESS SYSTEMS

16 Hours Required

Required Courses:

- CS 155 Computer Science I (4)
 CY 201 Intro to Cybersecurity (3)
 TN 275 Intro to Networks (3)
 UI 3xx/CY 3xx Digital Forensics (3)

Choose 3 hours from:

- AC 330 Accounting Analytics (3)
 AC 550 Fraud Exam/Forensic Acctg (3)
 CY 320 Info Security in Syst Admin (3)
 MA 464 Mathematical Cryptography (3)
 MI 375 Mgmt Information Systems (3)

DANCE

23 Hours Required

Required Courses:

- DA/TH 105 Rehearsal & Production I (1)
 DA/TH 305 Rehearsal & Production II (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 216 Pointe I (2)
 DA 221 Modern Dance I (1)
 DA 226 Jazz Dance I (1)
 DA 227 World Dance I (2)
 DA 228 Hip Hop Dance I (2)
 DA 236 Tap Dance I (1)
 DA 310 Dance Musicianship (3)
 DA 311 Ballet II (2)
 DA 316 Pointe II (2)
 DA 321 Modern Dance II (2)
 DA 326 Jazz Dance II (2)
 DA 327 World Dance II (2)
 DA 328 Hip Hop Dance II (2)
 DA 336 Tap Dance II (2)
 DA 380 Choreography I (3)
 DA 391 Topics in Dance (3)
 DA 396 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)
 DA 497 Choreography III (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:

- ER 361 Prin of Entrepreneurship (3)
 ER 531 Innovation (3)
 ER 551 Manag & Grow New Ventures(3)
 ER 581 Entrepreneur Pract: Venture Creation (3)

Choose 3 hours:

- ER 521 Topics in Entrepreneurship (3)
ER 561 Bus Planning for New Ventures (3)

ENVIRONMENTAL SCIENCE**21-23 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)

EQUINE SCIENCE**15 Hours Required****Required Courses:**

- AY 101 Intro to Animal Science (3)
AY 205 Horse Science (3)
AY 305 Advanced Horse Science (3)

Choose 6 hours from the following:

- AY 350 Animal Reproduction (3)

AND

- AY 375 Animal Breed Improvement (3)

OR

- AY 304 Prin of Animal Nutr & Feeds (3)

AND

- AY 425 Feed of Nonruminant Animals (3)

EXERCISE SCIENCE**20 Hours Required****Required Courses:**

- HL 231 Fitness Conditioning (3)
HL 331/031 Exercise Physiology (4)
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 102 Relationships in 21st Cent (3)
CF 209 Intro to Fam Process & Systems (3)
CF 220 Young & Middle Adulthood (3)
CF 340 Family Law, Advoc & Policy (3)
CF 385 Stress, Violence, Trauma & Families (3)
CF 402 Relationships of Commitment (3)

FASHION ENTREPRENEURSHIP**15 Hours Required****Required Courses:**

- ER 361 Prin of Entrepreneurship (3)
ER 551 Managing/Growing a New Venture (3)
ER 561 Bus Planning for New Ventures (3)

Choose 6 Hours approved FA courses**FASHION MERCHANDISING****18 Hours Required****Required Courses:**

- FA 110 Intro to Fashion Merchandising (3)
FA 114 Visual Merchandising (3)
FA 207 Textiles (3)
FA 350 Apparel Aesthetics (3)

Choose 6 Hours From:

- FA 300 Prof Image & Behavior (2)
FA 450 Global Fashion Economics (3)
UI 480 Soc Psych Aspects of Dress (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)

- ER 361 Prin of Entrepreneurship (3)
 ER 551 Managing/Growing a New Venture (3)
 ER 561 Bus 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)****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)
 EH 103 Modern Eur Civ (3)

OR

- WH 110 Chinese Civilization (3)

OR

- WH 130 Latin American Civ (3)

Choose 3 hours of upper division electives from an approved list

(See Dept of Modern Languages, Anthropology & Geography 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:

ER 361	Prin of Entrepreneurship (3)
ER 551	Managing/Growing a New Venture (3)
ER 561	Bus Planning for New Ventures (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 (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

15 Hours Required

Required Course:

- HM 150 Intro to Hospitality Mgmt (3)

Choose 12 hours from:

- HM 205 Basic Culinary Techniques (3)
 HM 260 Meeting & Event Mgmt (3)
 HM 270 Hotel & Restaurant Operation (3)
 HM 304 Food, Bev & Labor Cost Cntrls (3)
 HM 350 Advanced Culinary Practices (3)
 HM 390 Hosp Sales & Marketing (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:

- ER 361 Prin of Entrepreneurship (3)
 ER 551 Managing/Growing a New Venture (3)
 ER 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 Matls & Processes II (3)

Sustainability Energy Systems Management

- ET 426 Sustainable Energy Technology (3)
 FM 565 Bldg Automation & Technology (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 Devlpmnt & Security (3)
 IS 275 Computer Information Systems II (3)

Choose 6 hours of IS prefix courses at the 300-500 level

INTERIOR DESIGN

15 hours required

Required Courses:

- DS 104 Exploring Interior Design (3)
 DS 205 History of Interiors I (3)

OR

- DS 206 History of Interiors II (3)
 DS 207 Interior Systems (3)

Choose 6 Hours From:

- DS 330 Lighting & Elect Systems (3)
 DS 332 Mats for Interior Environ (3)
 UI 340 Housing Perspectives (3)
 UI 401 American Cultural Landscapes (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 550 Improving Team Performance (3)
 MG 562 Organization Theory & Design (3)

Choose 6 Hours From*:

- ER 361 Princ of Entrepreneurship (3)
 ER 531 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: 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 Integ Marketing Comm (3)
 MK 443 Integrated Mktg Comm Practicum (3)

**MARKETING: MARKETING
MANAGEMENT****15 Hours Required****Required Courses:**

- MK 301 Principles of Marketing (3)
 MK 343 Integr Marketing Communications (3)
 MK 346 Distribution Management (3)
 MK 348 Brand Marketing (3)

Choose any MK course except 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 Integ Marketing Comm (3)
 MK 349 Retail Marketing (3)

Choose 6 hours of MK courses except 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 547 Sales Management (3)

Choose any MK course except 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 228 and MA 230) 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 Army War Leader Course (3)
 NG 301 Adaptive Leadership I (3)
 NG 302 Adaptive Army Leadership II (3)

Choose 6 Hours From:

- NG 201 Intro Army Team Leadership I (3)
 NG 202 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 2xx 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 3xx 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 240 Intro to Food Science (3)
 FN 320 Essent of Food Science (4)
 FN 401 Sports Nutrition (3)
 FN 502 Nutrition II (3)
 FN 520 Nutrition & Aging (3)
 HE 520 Tech Tchg Ntr & Health Ed (3)

OUTDOOR ADVENTURE LEADERSHIP**18 Hours Required**

- RC 150 Outdoor Living Skills (3)
 RC 151 Outdoor Adventure Skills (3)
 RC 250 Found of Outdoor Recreation (3)
 RC 310 Outdoor Leadership (3)
 RC 450 Outdoor Adventure as Treatment (3)

Choose 3 Hours From:

- RC 119 Outdoor Adventure Special Topics (1-3)
 RC 316 Special Topics in Health & Leisure (1-3)
 RC 812 Outdoor Adventure (3)

PHILOSOPHY**18 Hours Required****Required Courses:**

- PL 120 Symbolic Logic I (3)
 PL 300 Ancient Philosophy (3)
 PL 390 Contemporary Philosophy (3)

Choose 3 Hours From:

- PL 110 Readings in Philosophy (3)
 PL 203 Aesthetics & the Arts (3)
 PL 204 Ethical Theory (3)
 PL 245 Social Philosophy (3)
 RS 101 World Religions (3)

Choose 6 Hours PL courses (300-400 level) or any departmentally approved courses with a UI prefix**PHYSICS****15 Hours Required****Required Courses:**

- PH 120/020 Introductory Physics I (5)

OR

- PH 230/030 General Physics I (5)
 PH 121/021 Introductory Physics II (5)

OR

- PH 231/031 General Physics II (5)

Choose 5 Hours EP or PH electives (300-500 level, including UI 330)**POLITICAL SCIENCE****15 Hours Required****Required Courses:**

- PS 103 U.S. Political Systems (3)

OR

- PS 104 Comparative Political Systems (3)
 PS 240 Intro to Political Science (3)
 PS 470 Politics of the Developed World (3)

OR

- PS 471 Sr Seminar in Poli Sci (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 Anthropology of Religion (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 WORK**15 Hours Required****Required Courses:**

- SW 110 Intro to Social Work (3)
 SW 205 Bldg the Prof Relationship (3)
 SW 207 Undrstndng Cultrl/Soc Diversity (3)
 SW 315 Social Work Intervention (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)

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 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/Addict in Public Hlth (3)

UI 300 Drugs & Behavior (3)

Choose 3 hours:

HL 312 Sport & Exercise Pharmacology (3)

HL 320 Community Health (3)

HL 526 Health Behavior Change (3)

RC 288 Practicum (3)

Choose 3 hours:

PY 151 Social Decision Making (3)

PY 222 Development of the Adolescent (3)

RC 340 Mentoring Principles (3)

SR 444 Treatment Strategies (3)

SUPPLY CHAIN MANAGEMENT**15 Hours Required**

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 358 Operations 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)

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 Landscaping (3)

IM 555 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)

150 / Minors – Certificate Programs

Southeast Missouri State University 2017-2018

- 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 I (1)
- TH 218 Acting I (6)
- TH/DA 305 Rehearsal & Production II (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 I (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 II (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 I (1)
- TH 155 Makeup (3)
- TH 231 Stagecraft I (3)
- TH 251 Costume Construction (3)
- TH 275 Stage Management (3)
- TH 291 Properties & Crafts I (3)
- TH 265 Drawing for the Theatre (3)
- TH/DA 305 Rehearsal & Production II (1)

Choose 9 Hours From:

- TH 267 Drawing for the Theatre II (3)
- TH 331 Stagecraft II (3)
- TH 350 Stage Lighting I (3)
- TH 351 Costume Design I (3)
- TH 361 Scene Painting I (3)
- TH 371 Scenic Design I (3)
- TH 375 Performing Arts Mgmt (3)
- TH 386 Sound Design I (3)
- TH 391 Properties & Crafts II (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 481 Scene Painting II (3)
- TH 486 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

15 Hours Required

- EX 555 Intro to Autism Spectrum Disorder (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 Disorder (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 Clsm (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

63 Hours

Required Courses:

BS 118 Intro to Process Science (1)

BS 218 Bio Science: Process Approach (3)

CF 233 Creat Thought/Express in Children (3)

EC 101 Econ Problems/Policies (3)

ED 280 Intro to Education (3)*

EL 274 Diversity in America's Schools (3)

EL 300 Instr/Assist Tech/Univ Desgn Lrng Envir (3)

EN 100 English Composition I (3)**

EN 140 Rhetoric/Critical Thinking (3) **

LI 243 Children's Literature (3)

MA 128 Numbers/Operations for Educators (4)

MA 228 Geometry/Measure for Educators (4)

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)

UI 308 Physical/Cultural Landscape (3)

6 hours approved electives from the following areas, with advice of advisor - Autism, English, Family Engagement, Fine Arts, Foreign Language, Inclusion, Math, Middle School certification, Science, Social Science, TESOL

**B or higher required*

***C or higher required*

TEACHING ASSISTANT PREPARATION-MIDDLE/SECONDARY EDUCATION

63-65 Hours

Required Courses:

ED 280 Intro to Education (3)*

EN 100 English Composition I (3)**

EN 140 Rhetoric/Critical Thinking (3)**

PS 103 US Political Systems (3)

PY 222 Devlp of the Adolescent (3)**

SC 105 Fund of Oral Communication (3)*

UI 100/CL001/CL 002 First Year Seminar (3)

UI 3xx Interdisciplinary Studies course (3)

US 105 American History I (3)

OR

US 107 American History II (3)

XX xxx Artistic Expression (3)

XX xxx Economic Systems (EC xxx) (3)

XX xxx Literary Expression (LI xxx) (3)

XX xxx Living Systems (BI xxx, BS xxx or FN 235) (3)

XX xxx Logical Systems (MA 123 or MA 134 or MA 155) (3)

XX xxx Physical Systems (CH xxx, GO xxx, PH xxx) (3-5)

Subject Matter Concentration Area: Choose from Art, Biology, Business, Chemistry, English, Family & Consumer Sciences, Industrial Education, Mathematics, Music, Physical Education, Social Studies, Spanish, etc.) (15)

**B or higher required*

***C or higher required*