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 Behvr 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 530 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/Appil: 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 Child Maltrtmnt/Child 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 & Bmpd 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 & Trblshng (3)
TN 375 Routing/Switching Essentials (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
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)

Choose 6 Hours From:
FN 235  Nutrition for Health (3)

OR

Choose 3 Hours From:
HL 460  Exercise Leadership (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 GeolInfo 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)
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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
Required Courses:
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)
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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 Matls 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 Integrar 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 Integrar 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)
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 Industrial/Organizational 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)
  OR
- PY 220 Development of the Adolescent (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 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 Thrpic & 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 Undrstdng 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)**

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**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)

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**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)**

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**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)

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**SUBSTANCE ABUSE PREVENTION**

15 Hours Required  
**Required Courses:**  
HL 1xx Foundations of Prevention (3)  
HL 4xx Substance Abuse/Addct in Public Hlth (3)  
UI 300 Drugs & Behavior (3)  
**Choose 3 hours:**  
HL 312 Sport & Exercise Pharmacology (3)  
HL 320 Community Health (3)  
HL 526 Health Behavior Change (3)  
RC 288 Practicum (3)  
**Choose 3 hours:**  
PY 151 Social Decision Making (3)  
PY 222 Development of the Adolescent (3)  
RC 340 Mentoring Principles (3)  
SR 444 Treatment Strategies (3)

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**SUPPLY CHAIN MANAGEMENT**

15 Hours Required  
**Required Courses:**  
MI 375 Management Info Systems (3)  
QM 352 Quantitative Analysis (3)  
QM 558 Prin of Supply Chain Mgmt (3)  
**Choose 6 hours from:**  
FI 362 Adv Financial Mgmt (3)  
FI 368 Investments (3)  
MG 354 Bus Negotiations: Conc/Pract (3)  
MG 470 Leadership in Mgmt (3)  
MK 346 Distribution Management (3)  
MK 478 Global Logistics (3)  
MK 560 International Mktg (3)  
QM 358 Operations Mgmt (3)

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**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 Plantscaping (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)
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 Clsrn (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-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) 

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**

**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**

**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**

**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**