

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
Administrative Systems Management
Aerospace Studies
Agriculture
Anthropology
Archaeology
Architectural Design
Art/Art History
Botany
Business Administration
Chemistry
Child Life Services
Child Studies
Coaching
Communication Disorders
Communication for Legal Professionals
Communication Studies
Computer Networking
Computer Science
Criminal Justice
Criminology
Dance
Economics
Electronic Technology
Engineering Physics
Entrepreneurship/Small Business Management
Environmental Science
Environmental Studies
Family Economics & Management
Family Studies
Fashion Merchandising
Finance
Fitness & Exercise Science
Food Service & Hospitality Management
French
Geography
Geosciences
German
Gerontology
Graphic Communications Technology
Health Promotion
Historic Preservation
History
Horticulture
Human Resource Management
Industrial Management
Information Systems
Interior Design
International Studies
Literature
Logistics Management
Management
Marketing: Marketing Management
Marketing: Integrated Marketing Communications
Marketing: Retail Management
Marketing: Sales Management
Mass Communication
Mathematics
Microbiology
Music
Nutrition
Operations Management
Outdoor Adventure Leadership
Pedology/Soil Science
Philosophy
Physics
Political Science
Psychology: Applied
Psychology: Developmental
Psychology: General
Psychology: Psychological Services
Public Administration
Recreation
Religion
Small Press Publishing
Social Rehabilitation & Treatment
Social Work
Sociology
Soils
Spanish
Sport Management
Technical Theatre
TESOL
Theatre Arts
Theatre Performance
Women's Studies
Writing
Zoology

ACCOUNTING**15 Hours Required****Required Courses:**

AC 221	Princ of Financial Accounting (3)
AC 222	Princ of Managerial Accounting (3)
AC 321	Intermediate Accounting I (3)

Choose 6 Hours AC courses (300-500 level)**ADMINISTRATIVE SYSTEMS MANAGEMENT****18 Hours Required****Required Courses:**

AD 101	Intro to Micro Applications (3)
AD 222	Micro Appl for Business (3)
AD 353	Administrative Systems Management (3)
MG 301	Management & Organiz Behav (3)
MG 252	Business Communication (3)

Choose 3 Hours From:

AD 323	Admin Information Systems (3)
AD 331	Advanced Word Processing (3)
AD 341	Information Systems Procedures (3)
MG 356	Human Resources Mgt I (3)

AEROSPACE STUDIES**16 Hours Required****Required Courses:**

AS 100	Foundation of USAF I (1)
AS 101	Foundation of USAF II (1)
AS 200	USAF Air & Space Power I(1)
AS 201	USAF Air & Space Power II (1)
AS 300	AF Leadership Studies I (3)
AS 301	AF Leadership Studies II (3)
AS 400	National Security Affairs (3)
AS 401	Preparation for Active Duty (3)

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

AGRICULTURE**15 Hours Required****Required Courses:**

AO 120	Plant Science (4)
AY 101	Animal Science (5)

Choose 6 Hours AG, AO, AY, HO courses (300-400 level)**ANTHROPOLOGY****18 Hours Required****Required Courses:**

AN 181	Intro Cultural Anthropology (3)
AN 241	Intro Linguistic Anthropology (3)
AN 317	Ethnographic Field Methods (3)

Choose 9 Hours From:

AN 101	Observing Other Cultures (3)
AN 180	Intro/Phys Anthro & Archaeology (3)
AN 360	Meso-American Civilizations (3)
AN 493	General Anthropology Theory (3)

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

AN 382	Archaeology: Method & Theory (3)
AN 313	Archaeological Fieldwork (3)
OR	
AN 551	Historic Archaeology Fieldwork

Choose 9 Hours From:

AN 181	Intro Cultural Anthropology (3)
AN 250	World Archaeology (3)
AN 319	Archaeological Laboratory (3)
AN 321	Midwestern Archaeology (3)
AN 360	Meso-American Civilizations (3)
AN 381	North American Archaeology (3)
AN 493	General Anthropology Theory (3)
AN 550	Historic Archaeology (3)

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

TG 100	Intro to Drafting (3)
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TG 126 Computer Assisted Drafting (3)
 TG 320 Architectural Drawing I (3)

Choose 6 Hours From:

UI 401 American Cultural Landscapes (3)
 HO 330 Landscape Planting Design (3)
 HO 530 Home Horticulture (2)
 TG 274 Photography Fundamentals (3)
 TG 322 Architectural Drawing II (3)

ART / ART HISTORY

18 Hours Required
(6 Hours must be 300-500 level)

Required Courses:

AH 210 Art History Survey II (3)
OR
 AR 112 Perspectives in Art (3)

Choose 6 Hours From:

AH 110 Art History Survey I (3)
 AR 100 Drawing I (3)
 AR 104 Design Foundations (3)
 AR 106 3-D Foundations (3)
 AR 201 Color Composition (3)
 AR 202 Drawing II: Human Figure (3)

Choose 9 Hours From: (related courses are encouraged)

AH 310 Classical Art (3)
 AH 311 Modern Art (3)
 AH 312 Renaissance Art (3)
 AH 400 Seminar: Readings in Art (3)
 AH 449 Female Saints (3)
 AH 510 Non-Western Art (3)
 AH 511 American Art (3)
 AH 512 Contemporary Art (3)
 AH 514 Issues in Renaissance Art (3)
 AH 516 Issues in Modern Art (3)
 AR 302 Printmaking (3)
 AR 303 Screenprinting (3)
 AR 313 New Genre (3)
 AR 314 Drawing III: Adv Problems (3)
 AR 315 Three Dimensional Design (3)
 AR 319 Intro to Graphic Design (3)
 AR 320 Watercolor I (3)
 AR 322 Typography (3)

AR 325 Painting (3)
 AR 330 Fibers I (3)
 AR 332 Sculpture I (3)
 AR 342 Ceramics I (3)
 AR 375 Art & New Technology (3)
 AR 376 3-D Digital Animation (3)
 AR 408 Studio Problems (3)
 AR 409 Illustration II (3)
 AR 416 Advanced Graphic Design (3)
 AR 421 Watercolor II (3)
 AR 426 Advanced Painting (3)
 AR 431 Sculpture II (3)
 AR 441 Ceramics II (3)
 AR 501 Intaglio Printmaking (3)
 AR 502 Lithography Printmaking (3)
 AR 520 Figure Painting (3)
 AR 530 Fibers II (3)
 AR 541 Ceramics III (3)
 UI 337 Issues/Modern Architecture (3)

BOTANY

15-16 Hours Required

Required Courses:

BI 190 Life Processes (4)
 BI 225 Research Methods in Biology (3)
 BO 200 Plant Biology (3)

Choose 5-6 Hours From:

BO 361 Systematic Botany (3)
 BO 420 Ethobotany (3)
 BO 445 Plant Physiology (3)
 BO 461 Native Aquatic Plants (3)
 BO 469 Field Botany (2)

BUSINESS ADMINISTRATION

30 hours required*
(For non-Business majors only)

Required Courses:

AC 221 Princ of Financial Accounting (3)
 AC 222 Princ of Managerial Accounting (3)
 AD 101 Intro/Microcomputer Applic (3)
 EC 225 Princ of Macroeconomics (3)
 FI 361 Financial Management (3)
 MA 139 Applied Calculus (3)

141 Minors

Seal Southeast Missouri State University 2004-05

MG 301	Mgt & Organiz Behav (3)
MI 375	Management Info Systems (3)
MK 301	Principles of Marketing (3)
QM 257	Business Statistics (3)

Prerequisites:

EC 215	Princ of Microeconomics (3)
MA 134	College Algebra (3)

*All courses require minimum grade of 'C'.

CHEMISTRY

19 Hours Required

Required Courses:

CH 185	General Chemistry I (5)
CH 186	General Chemistry II (3)
CH 187	Qualitative Analysis (2)
CH 271	Quantitative Analysis (4)
CH 341	Organic Chemistry I (4)
CH 342	Organic Chemistry Lab I (1)

CHILD LIFE SERVICES

21 Hours Required

Required Courses:

CF 509	Child Life Services (3)
CF 560	Child Life Services Practicum (6)
HL 120	Health Perspectives (3)

OR

RC 112	Music as Therapy (3)
RC 260	Intro to Therapeutic Rec (3)

Choose One 6 Hour Option

OPTION I (For Psych/other majors)

CF 290	Preschool Participation (2)
CF 291	Preschool Participation Lab (1)
CF 409	School Age Child Care (3)
EX 200	Intro to Exceptional Child (3)

OPTION II (For Child Devel/other majors)

PY 222	Development of Adolescent (3)
PY 250	Applied Psychology (3)
PY 444	Childhood Psychopathology (3)
PY 529	Psychology of Death & Dying (3)

NOTE: Child Life Services minors MUST have an advisor in the Department of Human Environmental

Studies. Application for practicum must be filed with advisor at least one semester in advance.

CHILD STUDIES

18 Hours Required

Required Courses:

CF 120	The Child (3)
CF 200	Guiding Altern/Young Children (3)
CF 290	Supervised Participation I (2)
CF 291	Supervised Participation Lab (1)

Choose 3 Hours From:

CF 211	Field Exp/Early Chldhd Prgms (3)
CF 300	Working with Parents (3)
CF 301	Working with Parents Lab (1)
CF 316	Prenatal/Infant Grwth & Stim (3)
CF 317	Prenat/Infant Grwth & Stim Lab (1)

Choose 6 Hours From:

CF 126	Facil Devel in Young Children (3)
CF 312	Org/Mgt of Child Care Centers (3)
CF 430	Parent/Child Interaction (3)
CF 501	Preschool Child Practicum (3)
CF 502	Preschool Children/Comp Tech (3)
CF 506	Theories/ Issues in Child Devel (3)
FN 425	Health/Nutr/Safety of Yng Child (3)

COACHING

21 Hours Required

Required Courses:

CG 470	Practicum in Coaching (3)
PE 220	First Aid (2)
PE 235	Psych/Coaching & Hum Perfrm (3)
PE 341	Physiology of Conditioning (3)
PE 460	Sports Administration I (3)
SM 540	Leg Aspects/Sport & Phys Activ-ity (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)

COMMUNICATION DISORDERS
18-19 Hours Required

- CD 225 Phonetics (4)
- CD 230 Intro to Comm Disorders (4)
- CD 340 Normal Spch & Lang Develop (3)
- CD 406 Svc Delivery in Comm Disorders (4)

Choose 3 Hours from:

- CD 371 Anatomy & Phys of Hearing Mech (3)
- CD 411 Nature of Assmnt/Intv Spch & Language (4)
- CD 426 Hrng Disorders: Audio Assesmnt (3)

COMMUNICATION FOR LEGAL PROFESSIONALS

18 Hours Required
Required Courses:

- SC 200 Advanced Public Speaking (3)
- SC 314 Argumentation & Problem Solving (3)
- UI 425 Persuasion (3)

Choose 9 Hours From:

- SC 160/161 Intercollegiate Debate (2)
- SC 310 Speech Writing (3)
- SC 335 Interviewing (3)
- SC 400 Advanced Debate (3)
- SC 406 Negotiation & Conflict Mgmt (3)
- UI 345 Nonverbal Communication (3)
- UI 423 Political Communication (3)

COMMUNICATION STUDIES

18 Hours Required

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

Choose 9 Hours From:

- MC 310 Mass Comm Theory & Research (3)
- SC 160/161 Intercollegiate Debate (2)
- 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 400 Advanced Debate (3)
- SC 406 Negotiation & Conflict Mgmt (3)
- SC 505 Criticism of Am Public Address (3)
- SC 510 Leadership & Team Building (3)
- SC 560 Organizational Communication (3)
- UI 301 Managerial Communication Processes (3)
- UI 345 Nonverbal Communication (3)
- UI 423 Political Communication (3)

COMPUTER NETWORKING
15 Hours Required

- AD 101 Intro to Micro Appl (3)
- AD 339 Network Support Systems (3)
- ET 100 Networking Fund & Router Tech (3)
- ET 101 Netwrk Design & Advanced Routing (3)
- ET 465 Computer Peripherals (3)

COMPUTER SCIENCE
15 Hours Required

Required Courses:

CS 155 Computer Science I (4)
 CS 265 Computer Science II (4)

Choose 7 Hours CS courses including 6 hours at the 300-500 level

CRIMINAL JUSTICE

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

CRIMINOLOGY

21 Hours Required

Required Courses:

SO 205 Social Problems in America (3)
 SO 240 Interpretation of Data (3)

OR

xx xxx Any statistics course (3)
 SO 360 Criminology (3)
 SO 375 Collective Behavior (3)

OR

SO 444 Deviant Social Behavior (3)

Choose 3 Hours From Each of the Following Categories: The Legal System

BL 255 Legal Environment of Business (3)
 CJ 220 Criminal Law (3)
 PS 390 The American Judicial System (3)
 PS 490 Constitutional Law (3)
 PY 359 Psychology & the Law (3)

Deviance & the Individual

PY 440 Abnormal Psychology (3)
 SO 206 Social Problems of Childhood (3)
 UI 309 Crime & Human Behavior (3)

Social Problems & Applied Criminology

CJ 100 Intro to Criminal Justice (3)
 EC 101 Econ Probl & Pols in the U.S. (3)
 SW 310 Social Welfare Policies & Issues (3)

DANCE

23 Hours Required

Required Courses:

DA/TH 105 Rehearsal & Production (1)
 DA/TH 305 Rehearsal & Production (1)
 DA 280 Movement Analysis (3)
 DA 330 Choreography I (3)
 DA 490 Dance History (3)
 TH 155 Makeup (3)
 TH 251 Costume Construction (3)

Choose 6 Hours From:

DA 130 Ballroom Dance (1)
 DA 140 Body-Mind Conditioning I (1)
 DA 145 Line Dance (1)
 DA 211 Ballet I (1)
 DA 221 Modern Dance I (1)
 DA 226 Jazz Dance I (1)
 DA 236 Tap Dance I (1)
 DA 311 Ballet II (2)
 DA 321 Contemporary Dance II (2)
 DA 326 Jazz Dance II (2)
 DA 336 Tap Dance II (2)
 DA 411 Ballet III (2)
 DA 421 Contemporary Dance III (2)
 DA 426 Jazz Dance III (2)
 DA 485 Choreography II (3)

ECONOMICS

15 Hours Required

Required Courses:

EC 215 Principles of Microeconomics (3)
 EC 225 Principles of Macroeconomics (3)

Choose 3 Hours From:

EC 350 Devel of Economic Thought (3)
 EC 410 Macroeconomic Theory (3)
 EC 420 Microeconomic Theory (3)

Choose 6 Hours From:

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

ELECTRONICS TECHNOLOGY

18 Hours Required

Required Courses:

- ET 162 DC Principles & Circuits (3)
- ET 164 AC Principles & Circuits (3)
- ET 260 Electronic Circuit Des/Analysis I (3)
- ET 264 Industrial Electronics (3)

Choose 6 Hours From One Option:

OPTION I

- ET 364 Logic Circuits (3)
- OR**
- EP 305 Digital & Analog System Design (3)
- ET 366 Microcontrollers (3)
- ET 368 Advanced Digital (3)

OPTION II

- ET 194 Intro to PLC's (3)
- ET 365 Industrial Electrical Power (3)
- ET 468 Industrial Controls (3)

ENGINEERING PHYSICS

19 Hours Required

Required Courses:

- PH 230 General Physics I (5)
- PH 231 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/ SMALL BUSINESS MANAGEMENT

15 Hours Required

Required Courses:

- BA 361 Sm Bus Mgt/New Vent Creation (3)
- BA 363 Sm Bus/New Venture Financing (3)

- BA 461 Sm Bus/New Vent Plng & Strat (3)
- BA 463 Small Bus/New Venture Internship Project/Bus Plan Completion (3)

Choose 3 Hours Bus Elective (300-500 level)
(See advisor for list of approved courses)

Additional Requirement:

Completion of Business Core (37 Hours)

ENVIRONMENTAL SCIENCE

20-22 Hours Required

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

Required Courses:

- BS 105 Environmental Biology (3)
- CH 180 Chemistry in Our World (3)
- OR**
- CH 181 Basic Principles of Chemistry (5)
- GO 110 Physical Geology (3)
- UI 429 Environmental Ethics (3)

Choose 6 Hours From:

- AO 120 Plant Science (4)
- 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 (4)

Choose 3 Hours From:

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

ENVIRONMENTAL STUDIES

21 Hours Required

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

Required Courses:

BS 105	Environmental Biology (3)
GO 110	Physical Geology (3)
UI 387	Environmental Law & Public Policy (3)
UI 429	Environmental Ethics (3)

Choose 3 Hours From:

CS 180	Scientific Computing (3)
EN 301	Writing for Science & Technology (3)
GO 305	Environmental Geoscience (3)
GO 460	Environmental Hydrology (3)
MA 223	Elementary Probability & Stats (3)
UI 319	Science, Technology & Society (3)
UI 360	Recycling & Waste Management (3)

Choose 3 Hours From:

EN 190	Writing about the Environment (3)
PL 245	Social Philosophy (3)
PS 280	Intro to Global Issues (3)
SO 430	Demography (3)
UI 339	North American Indians (3)
UI 347	Living in a Global Society (3)
UI 372	Earthquakes & Society (3)

Choose 3 Hours From:

AG 201	World Food & Society (3)
AG 433	Agricultural & Food Policy (3)
BL 255	Legal Environment of Business (3)
EC 101	Economic Problems & Policy (3)
EC 215	Princ of Macroeconomics (3)
PS 230	American Public Policy (3)
PS 418	Public Policy Analysis (3)

FAMILY ECONOMICS AND MANAGEMENT**15 Hours Required****Required Courses:**

CF 512	Utiliz Fam/Community Resrces (3)
FE 303	Mgt of Family Resources (3)

FE 514	Family Financial Management (3)
UI 355	Consumer & the Market (3)

Choose a Minimum of 3 Hours From:

FE 313	Management Practicum (2)
HE 317/318/319	Field Experience (1-3)

FAMILY STUDIES**15 Hours Required****Required Courses:**

CF 512	Utiliz Fam/Community Resrces (3)
PY 325	Psych Devel of the Family (3)
OR	
SO 370	Family (3)

Choose 3 Hours from each of the Following Categories:**Childhood**

CF 120	The Child: Devel/Concep/Adolsc (3)
CF 316	Prenatal/Infant Grwth & Stim (3)
PY 222	Development of the Adolescent (3)
SO 206	Social Problems of Childhood (3)

Maturity & Aging

CF 207	Eldercare Experiences (3)
HL 510	Health Concerns of the Aging (3)
PY 525	Maturity & Aging (3)
SO 330	The Sociology of Aging (3)

Interpersonal Relations & Family Issues

AN 181	Intro to Cultural Anthropology (3)
CF 300/301	Working with Parents (3)
CF 402	Marriage Interaction (3)
FE 200	Mgt of Family Resources (3)
SO 305	American Minority Relations (3)
SW 320	Working With Children/Fam (3)

FASHION MERCHANDISING**18 Hours Required**

Required Courses:

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

Choose 6 Hours From:

- CT 300 Prof Image & Behavior (2)
- CT 415 Fashion Retailing (3)
- CT 420 Specialty Market (3)
- CT 450 Issues/Trends in Fash Merch (3)
- CT 517 History of Costume (3)
- CT 518 Soc Psych Aspects of Clothing (3)
- HI 214 Display Design (3)

FINANCE

15 Hours Required

Required Courses:

- FI 361 Financial Management (3)
- FI 364 Modern Financial Institution (3)
- FI 368 Investments (3)

**Choose 6 Hours FI courses (300-500 level)
OR**

- AC 375 Financial Statement Analysis (3)
- AND**
- FI xxx (300-500 level) (3)

FITNESS AND EXERCISE SCIENCE

22 Hours Required

Required Courses:

- HL 120 Health Perspectives (3)
- HL 261 Exercise Science Practicum (3)
- HL 331 Exercise Physiology (3)
- HL 431 Fitness Assmt & Exercise Prog (4)
- HL 460 Exercise Leadership (3)

Choose 6 Hours HL courses (300-500 level)

Additional Requirements: 12-14 Hours

- BS 113/013 Anatomy & Phys I (3)
- BS 114/014 Anatomy & Phys II (3)
- CH 180 Chem in Our World (3)
- OR**

- CH 181 Basic Princ of Chem (5)
- MA 134 College Algebra (3)

**FOODSERVICE AND HOSPITALITY
MANAGEMENT**

17 Hours Required

Required Courses:

- FN 150 Persp on Foodserv/Hosp Mgt (1)
- FN 205 Selection & Preparation of Food (3)
- FN 260 Sanitation/Foodserv & Hosp Ind (3)
- FN 320 Advanced Food Preparation (4)
- FN 416 Quantity Food Production (3)

Choose 3 Hours From:

- FN 235 Nutrition for Health (3)
- FN 406 Hospitality & Institution Admin (3)
- FN 440 Procur in Hosp & Foodserv Oper (3)
- FN 515 Fin/Econ Aspcts Food/Hosp Mgt (3)
- FN 560 Foodservice Equip/Lay-Out/Des (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)

GEOGRAPHY

15 Hours Required

- GG 140 The Physical Landscape (3)
- GG 150 Peoples & Places of the World (3)
- GG 180 Cultural Geography (3)
- UI 307 Economic Geography (3)
- UI 401 Amer Cultural Landscapes (3)

GEOSCIENCE

18 Hours Required

Required Courses:

GO 110	Physical Geology (3)
GO 225	Rocks & Minerals (3)
UI 373	Earth/Life Thru Time (3)

Choose 9 Hours From: (At least 3 Hours must be 400-level)

GO 310	Field Methods (1)
GO 320	Oceanography (3)
GO 335	Sedimentology & Stratigraphy (4)
GO 340	Remote Sensing (3)
GO 345	Mineralogy & Petrology (4)
GO 4xx	Any 400-level GO course

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

21 Hours Required

Required Courses:

BS 327	Biology of Aging (3)
CF 206	Intro to Gerontology (3)
CF 518	Gerontology Practicum (3)
SO 330	Sociology of Aging (3)

Choose 9 Hours From:

CD 560	Communic Disord of the Aged (3)
CF 207	Eldercare Experience (3)
CF 512	Utiliz Fam/Community Resrces (3)
FN 520	Nutrition in the Later Years (3)
HI 518	Envir Des for Spec Populations (3)
HL 306	Aging & Exercise (3)
HL 510	Health Concerns of Aging (3)

PY 525	Maturity & Aging (3)
PY 529	The Psych of Death & Dying (3)

GRAPHIC COMMUNICATIONS TECHNOLOGY

21 Hours Required

Required Courses:

IM 102	Technical Communication (3)
TG 120	Computer Aided Eng.Graphics (3)
TG 170	Intro to Graphics (3)
TG 274	Photography Fundamentals (3)

Choose 9 Hours From One Option:

OPTION I

TG 272	Electronic Publishing (3)
TG 374	Digital Imaging & Editing (3)
TG 376	Multimedia & Animation (3)

OPTION II

TG 220	Solid Modeling & Rapid Prototype (3)
TG 320	Architectural Drawing I (3)
TG 322	Architectural Drawing II (3)

OPTION III

TG 220	Solid Modeling & Rapid Prototype (3)
TG 324	Design Modeling & Processes (3)
TG 326	Industrial Production Drafting (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	Contemporary Drug Use (3)
HL 331	Exercise Physiology (3)

Prerequisites to Courses Listed:

BS 113/013	Anatomy & Phys I (3)
BS 114/014	Anatomy & Phys II (3)
CH 180	Chem in Our World (3)
OR	
CH 181	Basic Princ of Chem (5)
MA 134	College Algebra (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 300-500 level)

AH 511	History of American Art (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 588	Leg/Econ Princ of Historic Pres (3)
UI 313	African American Experience (3)
US 210	Women in American History (3)
US 220	American Folklore (3)
US 525	American Urban History (3)

HISTORY

21 Hours Required

Required Course:

GH 315	Historiography (3)
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Choose 9 Senior Level Hours From:

EH 300-599	(3)
US 300-599	(3)
WH 300-599	(3)

Choose 3 Additional Senior Level Hours From:

Any EH, GH, US OR WH 300-599 level or approved departmental UI course

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

HORTICULTURE

15 Hours Required

Required Courses:

AO 430	Landscape & Turf Management (4)
HO 130	Ornamental Plants I (2)
HO 231	Plant Propagation (3)

Choose a minimum of 6 Hours From:

AO 341	Vegetable Production (3)
HO 330	Landscape Planting Design (3)
HO 342	Fruit Production (3)
HO 350	Greenhouse Management (4)
HO 353	Bedding Plant Production (3)
HO 355	Interior Plantscaping (3)
HO 431	Nursery Prod & Silviculture (4)
HO 530	Home Horticulture (2)

Prerequisite to Courses Listed:

AO 120	Plant Science (4)
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HUMAN RESOURCE MANAGEMENT

18 Hours Required

Required Courses:

MG 301	Management & Organiz Behav (3)
MG 356	Human Resource Management I (3)
MG 446	Human Resource Management II (3)
MG 456	Topics in Human Resource Mgt (3)

Choose 6 Hours From:

MG 362	Management Systems I (3)
MG 421	Total Quality Management (3)
MG 457	Issues in Organizational Behav (3)
MG 470	Leadership in Management (3)
MG 550	Improving Team Performance (3)
MI 410	Business Database Systems (3)

INDUSTRIAL MANAGEMENT

15 Hours Required

Required Courses:

IM 102	Technical Communication (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 130	Visual Basic Programming I (3)
IS 175	Information Systems I (3)
IS 275	Information Systems II (3)

Choose 6 hours of IS or CS prefix courses at the 300-400 level**INTERIOR DESIGN****18 Hours Required****Required Courses:**

HI 104	Housing & Interior Design I (3)
HI 224	Design Illustration (3)
HI 230	Residential Interior Design I (3)
HI 430	Residential Interior Design II (3)
HI 532	History of Furniture II (3)

Choose 3 Hours From:

CT 207	Textiles (3)
HI 214	Display Design (3)
HI 220	Lighting & Interior Systems (3)
HI 470	Interior Design Practicum (3)
HI 530	History of Furniture I (3)

INTERNATIONAL STUDIES**21 Hours Required****Intermediate foreign language competency required Significant exposure to another culture (3)****Choose 9 Hours From the Following:**

AN 101	Observing Other Cultures (3)
GG 150	People & Places of the World (3)

PS 104	Comparative Political Systems (3)
RS 101	World Religions (3)
SC 215	Intercultural Communication (3)

Choose 3 Hours From:

AN 383	Cultures of the Third World (3)
GG 320	Political Geography (3)
PS 280	Intro to Global Issues (3)
PS 3xx	Terrorism & Political Violence (3)
PS 355	Third World Politics (3)
PS 380	International Organizations (3)
PS 570	Comparative Governments (3)
PS 580	International Politics (3)
PS 595	International Law (3)
UI 307	Economic Geography (3)
UI 326	Australian Culture (3)
UI 347	Living in a Global Society (3)
UI 402	Music in World Culture (3)
UI 447	Globalism & Justice (3)

Choose 6 Hours of Electives From an Approved List (See Liberal Arts Advising Center for Approved List of Electives)**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)
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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)**LOGISTICS MANAGEMENT****15 Hours Required****Required Courses:**

MK 346	Distribution Management (3)
MK 347	Transportation (3)
MG 451	Materials & Supply Management (3)

MG 452	Production Resource Management (3)
MG 478	Global Logistics (3)

MK 343	Advertising & Promotion (3)
MK 443	Integrated Mktg Comm Practicum (3)

MANAGEMENT
18 Hours Required
Required Courses:

MG 301	Management & Organiz Behav (3)
MG 362	Management Systems I (3)
MG 457	Issues in Organizational Behav (3)

Choose 9 Hours From:

MG 300	Intro to Quant & Prod Analysis (3)*
MG 355	Supervisory Management (3)
MG 356	Human Resource Management I (3)
MG 421	Total Quality Management (3)
MG 446	Human Resource Management II (3)
MG 470	Leadership in Management (3)
MG 550	Improving Team Performance (3)
MG 560	International Management (3)
MI 410	Business Database Systems (3)

* For non-business majors only

MARKETING: MARKETING MANAGEMENT
15 Hours Required
Required Courses:

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

Choose any MK course except MK 201 and MK 449 (3)

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)

MARKETING: RETAIL MANAGEMENT
15 Hours Required
Required Courses:

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

Choose 6 hours of MK courses except MK 345 and MK 449 (6)

MARKETING: SALES MANAGEMENT
15 Hours Required
Required Courses:

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

Choose any MK elective except MK 345 and MK 449 (3)

MASS COMMUNICATION
18 Hours Required

(A grade of 'C' or better is required for each course within the minor except MC 486 & MC 496 which are credit/no credit courses.)

Required Courses:

MC 101	Mass Communication & Society (3)
MC 401	Communication Law (3)
UI 382	Hist & Phil/Amer Mass Media (3)

Choose 9 Hours of MC Courses (6 hours must be 300-400 level. All 100 or 200 MC course prerequisites must be met but only 3 hours can be counted toward meeting minor requirements.)

MATHEMATICS
15 Hours Required
Required Course:

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

MICROBIOLOGY

16 Hours Required

Required Courses:

BI 190	Life Processes (4)
BI 200	General Microbiology (3)
BI 225	Research Methods in Biology (3)

Choose 6 Hours From:

BI 441	Virology (3)
BI 442	Immunology (3)
BI 443	Epidemiology (3)
BI 445	Microbial Physiology (3)
BI 543/544	Pathogenic Microbiology (3)

MUSIC

19 Hours Required

Required Courses:

MM 101	Theories of Music in Culture (3)
MM 105	Aural Skills (1)
MU 110	Recitals/Concerts (2 semesters) (0)
MU 181	Musical Encounters (3)
OR	
MU 182	Music: An Artistic Expression (3)
MU 3xx	Music Ensembles (2)
UI 310	American Musical Experience (3)

Choose 7 Hours From:

ME xxx	Instrumental Techniques (1-2)
MH 251	Hist & Lit of Music to 1827 (3)
OR	
MH 252	Evol/Musical Style Since 1827 (3)
MM 102	Basic Harmony & Form (3)
MM 106	Aural Skills II (1)
MP xxx	Applied Music (2-5)
MU 151	Functional Piano I (or equiv) (1)
OR	
MU 152	Functional Piano II (or equiv) (1)
MU 190	Jazz Appreciation (3)

MU xxx	Music Ensembles (2)
MU 430	Literature: Applied Area (2)
MU 432	Pedagogy: Applied Area (2)
UI 315	Electronics & Comptrs in Music (3)
UI 402	Music in World Cultures (3)

NUTRITION

18-19 Hours Required

Required Courses:

FN 205	Selection & Prep of Foods (3)
FN 235	Nutrition for Health (3)

OR

FN 255	Nutrition I (3)
FN 355	Lifespan Nutrition (3)
HE 520	Tech Tchg Ntr & Health Ed (3)

Choose Two Courses From:

FN 370	Nutrition Assessment (3)
FN 502	Nutrition II (3)
FN 503	Medical Nutr Therapy I (4)
FN 540	Community Nutrition (3)

OPERATIONS MANAGEMENT

21 Hours Required

Required Courses:

MG 301	Management & Organiz Behav (3)
MG 451	Materials and Supply Mgmt (3)
QM 352	Quant Methods in Business (3)
QM 358	Production/Operations Mgt (3)

Choose 9 Hours From:

MG 421	Total Quality Management (3)
MG 452	Production/Resource Mgt (3)
MG 462	Applied Systems Analysis (3)
MG 478	Global Logistics (3)
MG 548	Project Management (3)
MI 410	Business Database Systems (3)
MI 445	Systems Analysis & Design (3)

OUTDOOR ADVENTURE LEADERSHIP

20 Hours Required

RC 119	Outdoor Adventure Special Topics (1-3)
RC 220	Leadership & Group Dynamics (3)
RC 250	Found of Outdoor Recreation (3)
RC 316	Special Topics in Health & Leisure (1-3)
RC 440	Facilitation of Grp Developmnt (3)
RC 450	Outdoor Adventure as Treatment (3)

PEDOLOGY/SOIL SCIENCE

**18-19 Hours Required
Required Courses:**

AO 215	Soils (3)
OR	
EV 365	Environ Soil Science (4)
AO 555	Soil Class & Resource Mgmt (3)
OR	
GO 555	Soil Class & Resource Mgmt (3)
GO 110	Physical Geology (3)
GO 225	Rocks & Minerals (3)

Choose 6 hours from:

AO 427	Soil Fertil & Plant Nutr (3)
AO 550	Soil Conservation (3)
GO 340	Remote Sensing (3)
GO 335	Sedimentology/Stratigraphy (4)
GO 400	Geomorphology (3)
GO 445	Geographic Information Systems (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	Introductory Physics I (5)
OR	
PH 230	General Physics I (5)
PH 121	Introductory Physics II (5)
OR	
PH 231	General Physics II (5)

Choose 5 Hours EP or PH electives (300-500 level, including UI 330)

POLITICAL SCIENCE

**15 Hours Required
Required Courses:**

PS 103	U.S. Political Systems (3)
OR	
PS 104	Comparative Political Systems (3)
PS 240	Intro to Political Science (3)
PS 470	Politics of the Developed World (3)

Choose 6 Hours PS courses (At least 2 hours must be 300-500 level)

PSYCHOLOGY: APPLIED

**18 Hours Required
Required Courses:**

PY 102	Introduction to Psychology (3)
PY 250	Applied Psychology (3)
PY 358	Social Psychology (3)

Choose 9 Hours From:

PY 251	Indus/Organiz Psychology (3)
PY 359	Psychology & the Law (3)
PY 450	Organizations as Open Systems (3)

PSYCHOLOGY: DEVELOPMENTAL

18 Hours Required

Required Courses:

PY 102	Introduction to Psychology (3)
PY 120	The Child:Devel/Concept/Adlsc (3)
	OR
PY 222	Development of the Adolescent (3)
PY 220	Psych Devel Across Life Span (3)
PY 525	Maturity & Aging (3)

Choose 3 Hours From:

PY 325	Psych Devel of the Family (3)
PY 444	Childhood Psychopathology (3)

Choose 3 Hours From:

PY 521	Advanced Child Development (3)
PY 529	Psychology of Death & Dying (3)

PSYCHOLOGY: GENERAL**18 Hours Required****Required Courses:**

PY 102	Intro to Psychology (3)
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Choose 3 Hours From:

PY 362	Learning & Memory (3)
PY 366	Intro to Sensation & Perception (3)
PY 466	Intro to Physiological Psychology (3)

Choose 3 Hours From:

PY 353	Social Cognition (3)
PY 364	Comparative Cognition (3)
PY 460	Cognitive Processes (3)

Choose 3 Hours From:

PY 120	The Child (3)
PY 220	Psychological Development Across the Lifespan (3)
PY 222	Development of the Adolescent (3)
PY 525	Maturity & Aging (3)

Choose 3 Hours From:

PY 432	Intro to Personality (3)
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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 Psychol- ogy (3)
PY 358	Social Psychology (3)

**PSYCHOLOGY: PSYCHOLOGICAL SER-
VICES****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 543	Clinical Psychopharmacology (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 360	Managerial Economics (3) *
EC 525	Public Policy Economics (3) **
MG 301	Management & Organiz Behav (3)
PS 418	Public Policy Analysis (3)
PS 425	Admin Law & Procedure (3)
PY 450	Organizations as Open Systems (3)

Prerequisites:

*EC 215, MA 134

**EC 215, EC 225, MA 134

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 Srvc (3)
- RC 385 Rec Facilities Planning & Mgmt (3)
- RC 405 Trends & Issues in Rec & Leisure (3)
- RC 420 Organ & Admin of Rec Services (3)

RELIGION

18 Hours Required

Required Courses:

- PL 499 Independent Study in Philosophy (3)
- RS 101 World Religions (3)
- UI 336 Religion in America (3)

Choose 3 Hours From:

- LI 222 Mythic Dimensions of Literature (3)
- RS 201 New Testament Literature (3)
- RS 202 Old Testament Literature (3)

Choose 6 Hours From:

- AN 375 Primitive Religions (3)
- PL 340 Philosophy of Religion (3)
- RS 350 Religious Topics & Issues (3)

- SO 350 Sociology of Religion (3)
- UI 415 Science & Religion (3)

SMALL PRESS PUBLISHING

18 Hours Required

Required Courses:

- EN 275 Intro to Creative Writing (3)
- EN 311 Pract in Editing Lit Manuscript (3)
- EN 435 Internship in English (3)
- LI 301 Small-Press Publishing (3)
- TG 170 Intro to 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)
- MC 310 Advertising Principles (3)
- MK 301 Princ of Mktg (3)
- TG 272 Electronic Publishing (3)

SOCIAL REHABILITATION AND TREATMENT

21 Hours Required

Required Courses:

- CJ 440 Thries/Methods of Offndr Rehab (3)
 - SR 444 Trtmt Strat: Alch/Drug Abuse (3)
 - SR 448 Juv Just Trtmt/Intervention Strat (3)
 - SW 110 Intro to Social Work (3)
- OR**
- RC 260 Intro to Therapeutic Recreation (3)

Choose 3 Hours From:

- PY 440 Abnormal Psychology (3)
- PY 441 Intro to Clinical Psychology (3)
- PY 444 Childhood Psychopathology (3)

Choose 6 Hours From:

- PY 325 Psych Devel of the Family (3)
- PY 440 Abnormal Psychology (3)
(If not chosen above)
- RC 260 Intro to Therapeutic Recreation (3)

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RC 450	Outdoor Adventure as Treatment (3)
SR 450	Wilderness Adventure Therapy (3)
SW 315	Social Work Intervention (3)

SOCIAL WORK

15 Hours Required

Required Courses:

SW 110	Intro to Social Work (3)
SW 207	Undrstndng Cultrl/Soc Diversity (3)

Choose 3 Hours From:

SW 351	Child Welfare (3)
SW 352	Social Work with the Aged (3)
SW 355	Special Topics in Social Work (3)
SW 389	Ind Study in Social Work (3)

Choose One Area of Emphasis (6 Hours):

SOCIAL WELFARE

SW 201	Social & Economic Justice (3)
SW 310	Social Welfare Policy & Issues (3)

SOCIAL WORK PRACTICE

SW 121	Helping Skills for the Human Svcs (3)
SW 315	Social Work Intervention (3)

SOCIOLOGY

15 Hours Required

Required Course:

SO 200	Intro to Social Organization (3)
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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 (4)
AO 215	Soils (3)
AO 427	Soil Fertility & Plant Nutrition (3)
AO 555	Soil Classification/Resource Mgt (3)

Prerequisite:

CH 181 or CH 185	Chemistry (5)
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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)

SPORT MANAGEMENT

25 Hours Required

Required Courses:

PE 201	Sport & Society (3)
PE 235	Psych of Coaching & Human Perf (3)
PE 238	Foundations, History, Phil of PE/ Sport Mgt (3)
	PE 460 Sports Administration I (3)
SM 360	Sport Governance & Event Management (3)
SM 370	Sport Management Practicum (3)
SM 540	Legal Aspects of Sport & Phys Activity (3)
SM 570	Mgmt & Leadership in Sport Org (3)

Select one hour from the following:

AT 142	Weight Training I (1)
AT 164	Golf I (1)
AT 176	Tennis I (1)
AT 179	Racquetball (1)

TECHNICAL THEATRE

23 Hours Required

Required Courses:

TH/DA 105	Rehearsal & Production (1)
TH 155	Makeup (3)
TH 218	Acting I (3)

TH 231 Stagecraft I (3)
 TH 251 Costume Construction (3)
 TH/DA 305 Rehearsal & Production (1)

Choose 3 hours From:

TH 265 Drawing for the Theatre (3)
 TH 316 Acting II (3)

Choose 6 Hours From:

TH 331 Stagecraft II (3)
 TH 350 Stage Lighting I (3)
 TH 351 Costume Design I (3)
 TH 361 Scene Painting (3)
 TH 371 Scenic Design I (3)
 TH 375 Theatre Management (3)
 TH 395 Period & Style (3)
 TH 450 Stage Lighting II (3)
 TH 451 Costume Design II (3)
 TH 471 Scenic Design II (3)

TESOL

21 Hours Required

EN 378 Grammars of English (3)
 EN 486 Sociolinguistics (3)
 TL 525 Theories of Lang/Learn/Teach (3)
 TL 425 Develop Mats & Assess Tools for ESOL Classroom (3)
 TL 530 Practicum in TESOL (3)
 TL 585 Methods/Techniques of TESOL (3)
 UI 500 History of the English Language (3)

THEATRE ACTING/DIRECTING

23 Hours Required

Required Courses:

TH/DA 105 Rehearsal & Production (1)
 TH 155 Makeup (3)
 TH 218 Acting I (3)
 TH 231 Stagecraft I (3)
 TH 251 Costume Construction (3)
 TH/DA 305 Rehearsal & Production (1)

Choose 3 hours From:

TH 265 Drawing for the Theatre (3)
 TH 316 Acting II (3)

Choose 6 Hours From:

TH 385 Directing I (3)
 TH 416 Acting III (3)
 TH 431 Stage Combat II (3)
 TH 485 Directing II (3)

THEATRE ARTS

23 Hours Required

Required Courses:

TH/DA 105 Rehearsal & Production (1)
 TH 155 Makeup (3)
 TH 218 Acting I (3)
 TH 231 Stagecraft I (3)
 TH 251 Costume Construction (3)
 TH/DA 305 Rehearsal & Production (1)

Choose 3 hours From:

TH 265 Drawing for the Theatre (3)
 TH 316 Acting II (3)

Choose 6 Hours From:

TH 375 Theatre Management (3)
 TH 385 Directing I (3)
 TH 490 Theatre History I (3)
 TH 495 Theatre History II (3)
 UI 384 Musical Theatre: Origins to Present (3)

WOMEN'S STUDIES

15 Hours Required

(See Dr. Chris Frazier, Department of Biology, for information.)

Required Courses:

WS 100 Introduction to Women's Studies (3)
 WS 300 Seminar: Issues in Women's Studies (3)

Choose 9 Hours From:

LI 587 Women and Madness (3)
 UI 303 The Female Experience (3)
 UI 332 Images of Women in Literature (3)
 UI 406 Transforming the Female Experience (3)

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UI 441	Feminist Spirituality (3)
US 210	Women in American History (3)

WRITING

15 Hours Required

Required Courses:

EN 140	Rhetoric & Critical Thinking (3)
EN 376	Advanced Composition (3)
EN 550	Style in Writing (3)

Choose 6 Hours From One Option:

EXPOSITORY WRITING

EN 301	Writing Science/Technology (3)
EN 435	Internship (3)
EN 535	Rhet Theory/Written Discourse (3)

CREATIVE WRITING

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

ZOOLOGY

16 Hours Required

Required Courses:

BI 190	Life Processes (4)
BI 225	Research Methods in Biology (3)
ZO 200	Animal Biology (3)

Choose 3 Hours From:

ZO 315	Comparative Anatomy (3)
ZO 331	Animal Physiology (3)
ZO 414	Developmental Biology (3)
ZO 420	Animal Behavior (3)
ZO 469	Vertebrate Adaptations (3)

Choose 3 Hours From:

ZO 441	Parasitology (3)
ZO 459	Mammalogy (3)
ZO 460	Herpetology (3)
ZO 465	Entomology (3)
ZO 466	Ornithology (3)
ZO 478	Ichthyology (3)

Certificate Programs

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

DEPARTMENT OF ACCOUNTING & M.I.S. CERTIFICATE TWO-YEAR ADMINISTRATIVE ASSISTANT PROGRAM

60 Hours Required

Required Courses:

AD 101	Intro to Micro Applications (3)
AD 222	Microcomp Appl for Business (3)
AD 331	Advanced Word Processing (3)
AD 341	Information Systems Procedures (3)
EN 100	English Composition I (3)
EN 140	Rhetoric & Critical Thinking (3)
MG 252	Business Communication (3)
PY 101	Psych Perspective/Human Behavior (3)
SC 105	Fund of Oral Communication (3)
UI 100	First Year Seminar (3)

Choose 18 Hours From:

AC 221	Prin of Financial Accounting (3)
AD 323	Admin Info Systems (3)
AD 337	Admin Systems Mgt Internship (3)
AD 339	Network Support Systems (3)
AD 353	Admin Systems Management (3)
BL 255	Legal Environment of Business (3)
CJ 100	Intro to Criminal Justice (3)
CP 231	Career/Life Planning (1)
CT 300	Professional Image & Behavior (2)
ET 100	Netwrkng Fund & Router Tech (3)
ET 101	Network Design & Adv Routing (3)

IS 130 Visual Basic Programming I (3)
 TG 272 Electronic Publishing (3)

Choose one course from each of the following categories:

University Studies Economic Systems (3)
 University Studies Living OR Logical Systems (3)
 University Studies Political Systems (3)
 University Studies Social Systems (3)

DEPARTMENT OF INDUSTRIAL & ENGINEERING TECHNOLOGY CERTIFICATES

DESIGN DRAFTING PROGRAM

65 Hours Required

Required Courses:

CH 180 Chemistry in Our World (3)
 EN 100 English Composition I (3)
 ET 162 DC Principles & Circuits (3)
 ET 164 AC Principles & Circuits (3)
 MA 133 Plane Trigonometry (2)
 MA 134 College Algebra (3)
 MN 170 Engineering Matl & Testing (3)
 MN 203 Industrial Materials & Processes I (3)
 MN 204 Industrial Materials & Processes II (3)
 MN 354 Computer Aided Manuf (CAM) (3)
 MN 383 Fluid Power (3)
 PH 106 Physical Concepts (3)
 SC 105 Fund of Oral Communication (3)
 TG 120 Computer Aided Eng.Graphics (3)
 TG 125 Print Reading for Industry (3)
 TG 220 Solid Modeling & Rapid Prototype (3)
 TG 320 Architectural Drawing I (3)
 TG 322 Architectural Drawing II (3)
 TG 324 Design Modeling & Processes (3)
 TG 326 Industrial Production Drafting (3)

Electives (6)

ELECTRONICS PROGRAM

64 Hours Required
Required Courses:

EN 100 English Composition I (3)
 ET 162 DC Principles & Circuits (3)
 ET 164 AC Principles & Circuits (3)
 ET 194 Intro to PLC's (3)
 ET 260 Electr Circ Design/Analysis I (3)
 ET 264 Industrial Electronics (3)
 ET 364 Logic Circuits (3)
OR
 PH 305 Digital & Analog System Design (3)
 ET 468 Industrial Controls (3)
 IM 102 Technical Communication (3)
 IM 211 Industrial Safety Supervision (3)
 IM 311 Statistical Process Control (3)
 IM 315 Work Measurement (3)
 MA 133 Plane Trigonometry (2)
 MA 134 College Algebra (3)
 MN 260 Tech Computer Programming (3)
 PH 120 Introductory Physics I (5)
 SC 105 Fund of Oral Communication (3)

Choose 12 Hours of electives

GRAPHIC TECHNOLOGY PROGRAM

63 Hours Required

Required Courses:

AR 104 Design Foundations (3)
 AR 201 Color Composition (3)
 AR 317 Communication Graphics (3)
 AR 319 Intro to Graphic Design (3)
 EN 100 English Composition I (3)
 IM 102 Technical Communication (3)
 IM 211 Industrial Safety Supervision (3)
 IM 318 Internship (6)
 MC 201 News Writing (3)
 MC 322 Editing (3)
 TG 120 Computer Aided Eng.Graphics (3)
 TG 170 Intro to Graphics (3)
 TG 272 Electronic Publishing (3)
 TG 274 Photography Fundamentals (3)
 TG 374 Digital Imaging & Editing (3)
 TG 376 Multimedia & Animation (3)

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TG 422 Multicolor Print Processes (3)
TG 472 Advanced Graphics Projects (3)
Choose 6 Hours of electives

