Degrees/Majors/Curricula
Degrees/Majors/Pre-Professional Curricula

BACCALAUREATE DEGREES
The following statements pertain to all baccalaureate degrees:

• The University Studies Program, consisting of 48 hours, is required.
• A minimum of 56 hours must be earned at an accredited senior college or university.
• A minimum of 30 hours must be completed in residence at Southeast.
• A minimum of 30 hours of senior college courses (300-599) must be completed after completion of 45 hours.
• No more than one-half of the junior college and one-half of the senior college work on a major or minor may be taken by correspondence and/or extension.
• The student’s last term must be completed at Southeast, except that, in the case where six or fewer hours are needed to meet the total number of hours required for graduation, they may be taken at another accredited college or university, or by extension or correspondence subject to the rules governing extension courses and transfer of credit.
• A minimum of 124 hours of undergraduate degree credit (courses numbered 100-599) is required.
• A minimum cumulative GPA of 2.0 is required for graduation, except for the B.S. in Education, the B.S. in Family and Consumer Sciences Education, the Bachelor of Music Education, the major in Communication Disorders, and the major in Interdisciplinary Studies, which require a 2.5 GPA for graduation and the major in Social Work which requires a 2.25 GPA for graduation.
• A minimum 2.0 GPA for all of the degree credit attempted at Southeast is required.
• For all degrees which require a major, a minimum 2.0 GPA must be earned in those courses counted on the major, except for Business Administration majors which require a 2.25 GPA, majors on the Secondary Education degree, and the Health Management major which require a 2.5 GPA, the Communication Disorders major which requires a 2.75 GPA, and the 2-Dimensional and 3-Dimensional Art majors and BFA-Performing Arts major and all Music majors which require a 3.0 GPA.
• A minimum 2.0 GPA must be earned in those courses completed at Southeast that are counted on the major.
• When applicable, a course may be counted toward more than one requirement, e.g., University Studies, major and minor.
• The student must pass EN 099 or EN 110; and MA 095 or score at the appropriate levels on placement tests to have the courses waived.

NOTE: There may be additional specific graduation requirements for individual programs. Further information is available in the College Advising Offices.

Majors

DEGREES/MAJORS
The Colleges of the University and the Schools of Polytechnic Studies and University Studies offer majors in many fields to meet the diverse needs of its student population. Information regarding degrees and majors is available from the individual departments and from the following Advising Centers:

- Donald L. Harrison College of Business (Bus) Dempster Hall, room 104 Telephone (573) 651-5090
- College of Education (Ed) Scully Building, room 304 Telephone (573) 651-2412
- College of Health & Human Services (H&HS) Academic Hall, room 104 Telephone (573) 651-2015
- College of Liberal Arts (Lib Arts) Academic Hall, room 104 Telephone (573) 651-2007
- College of Science & Mathematics (Sci&MATH) Rhodes Hall, room 102D Telephone (573) 651-2173
- School of Polytechnic Studies (Polytech) Seaberg Polytechnic Building, room 301 Telephone (573) 986-6746
- School of University Studies Academic Hall, room 104 Telephone (573) 986-7328

The requirements for the majors are listed alphabetically under the appropriate degree:

Bachelor of Arts (BA)
Bachelor of General Studies (BGS)
Bachelor of Science (BS)
Bachelor of Science in Bus Admin (BSBA)
Bachelor of Science in Education (BSED)
Bachelor of Family & Consumer Sciences Education (BF/CSE)
Bachelor of Fine Arts (BFA)
Bachelor of Music Education (BME)
Bachelor of Music (BM)
Bachelor of Science in Nursing (BSN)

Associate degrees (AAS)

NOTE: A maximum of 30 semester hours of business courses (AC, AD, BA, BL, FI, MG, MK prefixes) may be taken by nonbusiness majors.

Major/Degree College/Department
Accounting/BSBA.................................Acct & MIS/Bus
Administrative Systems Mgr/BSBA............Acct & MIS/Bus
Advertising.......................................(see Mass Communication)

Agribusiness/BS.................................Agriculture/Polytech
Agribusiness
Animal Science
Horticulture

Agriculture/BS.................................Agriculture/Polytech
Agriscience
Plant & Soil Science
Animal Science.................................(see Agriculture)

Anthropology/BA...............................For Lang & Anthro/Lib Arts
Applied Computer Science/BS...............Computer Sci/Sci & Math

Interdisciplinary Applications
Information Systems

Technology
Art/BA, BFA, BSED..............................Art/Lib Arts
Athletic Training..............................(See Health Management)
Biological Science/BS.........................Biology/Sci & Math

Business Administration/BS..................Acct & MIS/Bus
Chemistry/BA, BS, BSED.....................Chemistry/Sci & Math
Child Care & Guidance/AAS.................Human Envir. Studies/H&HS
Child Development...........................(see Human Envir. Studies)

Communication Disorders/BS..............Comm Disorders/H&HS

Computer Systems
Computational Systems

Graphical Systems

Computer Technology/AAS..................Industrial Technology/Polytech
Corporate Communication/BS.............Communication/Bus Arts

Corporate Video..............................(see Mass Communication)

Criminal Justice/BS..........................Crim Justice & Sociology/H&HS

Corrections
Law Enforcement

Security Management

Dietetics.........................................(see Human Envir. Studies)

Early Childhood Edu/BSED..................Early, Elem & Special Educ/Ed

Earth Science/BSED...........................Geosciences/Sci & Math
Economics/BS....................................Economics & Finance/Bus
Economics/BSBA...............................Economics & Finance/Bus
Business Economics
Financial Economics

Electronics.....................................(see Industrial Technology)
Early Childhood Edu/BSED.................Early, Elem & Special Educ/Ed

Engineering Physics/BS....................Physics & Engr Physics/Sci & Math
Applications & Engineering

Computer Applications in Physics & Engineering

English/BA, BSED.............................English/Lib Arts

Literature

Writing

Environmental Science/BS..................Environmental Sci/Sci & Math

Exceptional Child Edu/BSED..............Early, Elem & Special Educ/Ed

Family & Consumer Sciences/HS......Human Envir. Studies/H&HS

Economics/BSBA.............................Economics & Finance/Bus

Finance/BSBA....................................Economics & Finance/Bus

Fine Arts/BFA.................................Art/Lib Arts

Foodservice & Hospitality Mgr/BS.........Human Envir. Studies/H&HS

French/BA, BSED..............................For Lang & Anthro/Lib Arts

General Studies/BS.........................College Advising Center/Lib Arts

Geography/BS.................................For Lang & Anthro/Lib Arts

Geosciences/BS...............................Geosciences/Sci & Math

German/BA, BSED..............................For Lang & Anthro/Lib Arts

Health Management/BS..............Health, Hum Perf & Rec/H&HS

Athletic Training

Exercise Science

Health Promotion

Historic Preservation/BS..................History/Lib Arts

History/BA..............................................History/Lib Arts

Human Environmental Studies/BS...........Human Envir. Studies/H&HS

Child Development

Dietetics

Family Life

Fashion Merchandising

Housing & Interior Design

Horticulture.................................(see Agribusiness)

Housing/Interior Design.....................(see Human Environ. Studies)

Human Resource Management.............(See Management)

Industrial Management....................(see Industrial Technology)

Industrial Education/BS....................Industrial Technology/Polytech

Industrial Technology/BS....................Industrial Technology/Polytech

Construction Management & Design

Electronics & Computer Technology

Industrial Management

Technical Graphics

Technology

Interdisciplinary Studies/BS..............School of University Studies

International Business/BSBA..............Harrison College of Business

Journalism.................................(see Mass Communication)

Management/BSBA............................Mgmt & Mktg/Bus

Human Resource Management

Operations Management

Organizational Leadership
Bachelor of Arts Majors

BACHELOR OF ARTS DEGREE

Primarily for students who major in the arts, language, or literature, history and certain social sciences; often selected as a pre-professional degree by those who wish a broad education.

The areas from which majors must be chosen are:

Anthropology
Art
Chemistry
English

Options:

- Literature
- Writing

French
German
History
Mass Communication

Options:

- Journalism
- Media Studies

Music
Philosophy
Political Science
Sociology
Spanish

Speech Communication:

Options:

- Forensic Communication
- Interpersonal & Small Group Communication
- Organizational Communication & Social Influence
- Public Communication

ANTHROPOLOGY

36 Hour Major - Minor Required

Required Courses:

AN 180 Introductory Anthropology: Physical Anthropology & Archaeology (3)
AN 181 Intro to Cultural Anthropology (3)
AN 241 Intro Linguistic Anthropology (3)
AN 311-313 Archaeologic Fieldwork (1-6, 3 hours required)
OR
AN 331-333 Applied Anthropology (1-6, 3 hours required)
Bachelor of Arts Majors

Southeast Missouri State University 2003-04

Choose 6-9 Hours in Anthropology or Other Courses (As Approved by Advisor)

Additional Requirement:

ART

36-56 Hour Major - Minor Required
(see also Bachelor of Fine Arts degree)

Required Courses:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>AR 001</td>
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<tr>
<td>AH 110</td>
<td>Art History Survey I</td>
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<td>AH 210</td>
<td>Art History Survey II</td>
<td>3</td>
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<tr>
<td>AR 100</td>
<td>Drawing I</td>
<td>3</td>
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<td>AR 104</td>
<td>Design Foundations</td>
<td>3</td>
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<tr>
<td>AR 106</td>
<td>3D Foundations</td>
<td>3</td>
</tr>
<tr>
<td>AR 201</td>
<td>Color Composition</td>
<td>3</td>
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<tr>
<td>AR 202</td>
<td>Drawing II: Human Figure</td>
<td>3</td>
</tr>
<tr>
<td>AR 325</td>
<td>Painting</td>
<td>3</td>
</tr>
<tr>
<td>AR 332</td>
<td>Sculpture I</td>
<td>3</td>
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Choose 9 Hours Additional Art History Courses (300-500 level)

Choose 1-21 Hour Elective Sequence approved by advisor and two of your other art instructors at your Foundation Review for 36 hour Liberal Arts major. Every year, artwork must be entered in the Juried Student Assessment Exhibition.

CHEMISTRY

30 Hour Major - Minor Required

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CH 185</td>
<td>General Chemistry I</td>
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<tr>
<td>CH 186</td>
<td>General Chemistry II</td>
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<td>CH 187</td>
<td>Qualitative Analysis</td>
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<tr>
<td>CH 271</td>
<td>Quantitative Analysis</td>
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<td>CH 310</td>
<td>Intro to Physical Chemistry</td>
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<td>CH 341</td>
<td>Organic Chemistry I</td>
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<td>CH 342</td>
<td>Organic Chemistry Lab I</td>
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<td>CH 498</td>
<td>Professional Presentation in Chem</td>
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<tr>
<td>UI 443</td>
<td>Professional Exp in Chemistry</td>
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Choose 2 Hours of Chemistry Electives

Additional Requirements: 13-15 Hours

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MA 133</td>
<td>Plane Trigonometry (2) or HS equiv</td>
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<td>MA 139</td>
<td>Applied Calculus</td>
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<tr>
<td>PH 120</td>
<td>Introductory Physics I</td>
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<tr>
<td>PH 121</td>
<td>Introductory Physics II</td>
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</table>

ENGLISH

36 Hour Major - Minor Required

Required Courses:

Choose 6 Hours From:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EN 201</td>
<td>Writing About Literature</td>
<td>3</td>
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<tr>
<td>EN 275</td>
<td>Intro to Creative Writing*</td>
<td>3</td>
</tr>
<tr>
<td>EN 376</td>
<td>Advanced Composition</td>
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*Required for Writing option

Choose 9 Hours From:

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<tr>
<td>LI 260</td>
<td>English Lit I</td>
<td>3</td>
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<td>LI 261</td>
<td>English Lit II</td>
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<tr>
<td>LI 270</td>
<td>American Lit I</td>
<td>3</td>
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<tr>
<td>LI 271</td>
<td>American Lit II</td>
<td>3</td>
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Choose 3 Hours From:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>LI 311</td>
<td>World Literature I</td>
<td>3</td>
</tr>
<tr>
<td>LI 312</td>
<td>World Literature II</td>
<td>3</td>
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</table>

Choose 3 Hours From:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 486</td>
<td>Sociolinguistics</td>
<td>3</td>
</tr>
<tr>
<td>UI 500</td>
<td>History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>UI 501</td>
<td>Principles of Language</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose One 15 Hour Option:

LITERATURE OPTION
### Bachelor of Arts Majors

**Southeast Missouri State University 2003-04**

**Choose 3 Hours From:**
- LI 525 English Drama Before 1800 (3)
- LI 560 Chaucer (3)
- LI 577 Studies in Early English Lit (3)
- UI 431 Shakespeare Tragedies/Hum Cond (3)
- UI 432 Shakespeare Hist/Comed & Hum Cond (3)

**Additional Requirements:**
- LI 525 English Drama Before 1800 (3)
- LI 560 Chaucer (3)
- LI 577 Studies in Early English Lit (3)
- UI 431 Shakespeare Tragedies/Hum Cond (3)

**Writing Option:**
- Choose 3 additional hours writing course not taken above

**Additional Requirements:**
- EN 001 Portfolio of Student Writing (All Options)
- xx xxx 9 Hours in One or Two Foreign Languages (All Options)
- OR
- xx xxx 6 Hours in One Foreign Language
Bachelor of Arts Majors
Southeast Missouri State University 2003-04

FRENCH
36 Hour Major - Minor Required

Required Courses:

FR 001 French Exit Exam (0)
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)
FR 306 Contemporary France (3)
FR 320 French Pronunciation & Phonetics (3)

Choose 6 Hours From:

FR 310 Survey of French Literature I (3)
FR 311 Survey of French Literature II (3)
FR 410 Intro to the French Novel (3)
FR 415 17th Century French Literature (3)
FR 420 18th Century French Literature (3)
FR 425 19th Century French Literature (3)
FR 430 20th Century French Literature (3)

Choose 6 Hours From:
(Only one course may be selected from each of the areas of composition, conversation, commercial, grammar)

FR 301 Intermediate French Composition (3)
FR 305 Intermediate French Conversation (3)
FR 315 Commercial French (3)
FR 330 French Grammar (3)

AND

One of the following*:

AN 241 Intro to Linguistic Anthropology (3)
EN 378 Grammars of English (3)
EN 486 Sociolinguistics (3)
UI 500 History of the English Language (3)
UI 501 Principles of Language (3)

FR 001 French Exit Exam (0)
FR 405 French Advanced Conversation (3)
FR 530 French Adv Comp & Conversation (3)

Choose 6 Hours of FR Electives (300-500 level)

Additional Requirement:
Choose 3 Hours From:

FL 205 Art of French Cinema (3)
GG 170 European Peoples & Civilization (3)
UI 362 Contemporary French Culture (3)
UI 375 European Film (3)
WH 103 European Civilization (3)
WH 366 Age of French Rev & Napoleon (3)
WH 370 Europe in the 20th Century (3)
WH 514 History of Modern France (3)

GERMAN
36 Hour Major - Minor Required

Required Courses:

GN 001 German Exit Exam (0)
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)
GN 320 German Culture & Civilization (3)

Choose 6 Hours From:

GN 310 Survey of German Literature I (3)
GN 311 Survey of German Literature II (3)
GN 424 Twentieth-Century German Literature (3)
GN 440 Special Topics: German (3)

Choose 6 Hours From:
(Only one course may be selected from each of the areas of composition, conversation, commercial, grammar)

GN 301 Intermediate German Composition (3)
GN 305 Conversational German (3)
Bachelor of Arts Majors

Southeast Missouri State University 2003-04

**GNO Majors**

**Bachelor of Arts Majors**

Southeast Missouri State University 2003-04

Choose 9 Hours of GN Electives (300-500 level)

Additional Requirement:

Choose 3 Hours From:

- **HISTORY**
  - AN 101 Observing Other Cultures (3)
  - AN 181 Intro to Cultural Anthropology (3)
  - AN 241 Intro to Linguistic Anthropology (3)
  - AN 260 World Cultures (3)
  - AN 390 European Prehistory (3)
  - GG 170 European Peoples & Civilization (3)
  - UI 375 European Film (3)
  - WH 103 Modern European Civ (3)
  - WH 370 Europe in the 20th Century (3)
  - WH 516 History of Modern Germany (3)
  - WH 527 Intellectual History of Europe (3)

39 Hour Major - Minor Required

Required Courses:

- GH 007 BA Portfolio Review (0)
- GH 315 Historiography (3)
- GH 415 Senior Seminar in History (3)

Choose 15 Senior Level Hours From:

- EH xxx (6)
- US xxx (6)
- WH xxx (3)

Choose 6 Senior Level Hours From:

- EH, GH, US OR WH prefix courses (6)

Choose an additional 12 Hours of EH, GH, US, WH, HP 100, HP 200 or departmentally approved UI courses (Only 3 Hours UI courses can be counted on major)

Additional Requirement:

- xx xxx 6 Hours in ONE Foreign Language

Choose one of the following options:

- xx xxx 6 Hours in Foreign Language
- SO 242 Statistics for Social Scientists (3)
  AND
- SO 345 Methods of Social Research (3)
- MA 134 College Algebra (3)
  AND
- MA 223 Elementary Prob & Stats (3)

**MASS COMMUNICATION**

34 Hour Major - Minor Required

(A grade of ‘C’ or better is required for all courses within the major except MC 486 which is a credit/no credit course.)

Required Courses:

- MC 101 Mass Communication and Society (3)
- MC 201 Writing for the Mass Media (3)
- MC 301 Mass Communication Theory & Research (3)
- MC 401 Communication Law (3)
- MC 402 Seminar in Mass Communication (1)
- MC 486 Internship in Mass Communication (3)
  OR
- MC 491-496 Practicum (3)

Additional Requirements:

- MA 155 Statistical Reasoning (3)
- UI 382 Hist & Phil of American Mass Media (3)

Choose One 15 Hour Option:

**JOURNALISM**

- MC 320 Reporting (3)
- MC 322 Publication Editing & Production (3)
- MC 324 Feature Writing (3)
  OR
- MC 426 Sportswriting (3)
- MC 425 Public Affairs Reporting (3)
  OR
- MC 346 Electronic New Gathering (3)
- MC 428 Editorial Page (3)
Bachelor of Arts Majors
Southeast Missouri State University 2003-04


MEDIA STUDIES
MC 310 Advertising Principles (3)
MC 330 Public Relations Principles (3)
MC 340 Basic Radio (3)
MC 351 Basic Video Production (3)
UI 370 Media Ethics (3)


NOTE: Mass Communication majors are limited to 34 hours in MC prefix courses. Of the 90 hours required outside of the major, 65 hours must be from traditional Arts and Science courses. A grade of 'C' or better is required in MA 155 and UI 382.

MUSIC
50-52 Hour Major - Minor Required
(A grade of 'C' or better is required for all courses within the major.)

Required courses for Instrumental & Vocal Options:

MM 101 Theories of Music in Culture (3)
MM 102 Basic Harmony & Form (3)
MM 105 Aural Skills I (1)
MM 106 Aural Skills II (1)
MM 203 Adv Harmony, Form & Counterpoint (3)
MM 204 Twentieth Century Techniques (3)
MM 207 Aural Skills III (1)
MM 208 Aural Skills IV (1)
MH 251 History & Lit of Music to 1827 (3)
MH 252 Evolution of Musical Style Since 1827 (3)
MP 1XX Applied Music (2)
MP 2XX Applied Music (2)
MP 3XX Applied Music (2)
MU 001 Piano Proficiency (0)
MU 002 Sophomore Review (0)
MU 110 Recitals & Concerts(six semesters) (0)
MU 151 Functional Piano I (1)
MU 152 Functional Piano II (1)
MU 253 Functional Piano III (1)
MU 254 Functional Piano IV (1)
MU 3xx Instrumental or Vocal Ensemble (6)
UI 310 American Music Experience (3)
UI 402 Music in World Cultures (3)

Choose 3 Hours From:
UI 315 Electronics & Computers in Music (3)
UI 392 The Age of Romanticism (3)
UI 393 The Age of Modernism (3)
UI 394 Music & Culture: 1600-1750 (3)
UI 396 The Age of Beethoven (3)
UI 397 Music in Medieval & Renaissance Culture (3)

Additional Required Course for Vocal Option:
MU 114 Singer's Diction (2)

Additional Requirement for all BA Music majors:

6 Hours in ONE Foreign Language

PHILOSOPHY
31 Hour Major - Minor Required

Required Courses:

PL 120 Symbolic Logic I (3)
PL 203 Aesthetics and The Arts (3)
PL 204 Ethical Theory (3)
PL 300 Ancient Philosophy (3)
PL 310 Modern Philosophy (3)
PL 390 Contemporary Philosophy (3)
PL 400 Seminar: Topics in Philosophy (3)
PL 450 Seminar: Meths & Movmts in Philosophy (3)
PL 481 Practicum (1)

Choose 9 Hours of PL or Departmentally Approved UI Courses (At least one course must be 300-400 level)

POLITICAL SCIENCE
30 Hour Major - Minor Required
Bachelor of Arts Majors

Southeast Missouri State University 2003-04

Required Courses:

- PS 103 United States Political Systems (3)
- PS 104 Comparative Political Systems (3)
- PS 240 Intro to Political Science (3)
- PS 470 Politics of the Developed World (3)

Choose 21 Hours From the Following Categories:
(3 Hours from Each Category plus 6 Additional Hours)

American Government & Politics

- PS 230 American Public Policy (3)
- PS 310 Govt & Politics in American States (3)
- PS 330 American Presidency (3)
- PS 335 American Foreign Policy (3)
- PS 360 Political Parties & Voting Behavior (3)
- PS 365 Legislative Process (3)
- PS 387-389 Independent Study (1-3)
- PS 390 American Judicial System (3)
- PS 418 Public Policy Analysis (3)
- PS 420 Food & Rural Policy in the U.S. (3)
- PS 490 Constitutional Law (3)
- UI 320 Modern Presidency (3)
- UI 4xx Contemp Political/Social Issues (3)

Comparative Governments & Politics

- PS 355 Third World Politics (3)
- PS 387-389 Independent Study (1-3)
- PS 450 Govt & Pol East/Central Europe (3)
- PS 460 Govt & Politics West Europe (3)
- PS 570 Comparative Government (3)
- UI 350 Middle East Politics (3)

International Politics

- PS 280 Intro to Global Issues (3)
- PS 335 American Foreign Policy (3)
- PS 380 International Organizations (3)
- PS 387-389 Independent Study (1-3)
- PS 580 International Politics (3)

- PS 595 International Law (3)
- UI 322 International Political Economy (3)
- UI 350 Middle East Politics (3)

Public Administration

- PI 381-383 Internship in Political Science (1-3)
- PS 230 American Public Policy (3)
- PS 384-386 Internship in Political Science (3)
- PS 387-389 Independent Study (1-3)
- PS 402 Fundamentals of Public Admin (3)
- PS 403 Public Personnel Admin (3)
- PS 415 Government Budgeting Process (3)
- PS 418 Public Policy Analysis (3)
- PS 420 Food & Rural Policy in the U.S. (3)
- PS 425 Administrative Law & Procedure (3)

Political Theory

- PS 387-389 Independent Study (1-3)
- PS 440 Political Theory (3)
- UI 342 Modern Political Thought (3)
- UI 357 Early American Political Thought (3)
- UI 358 Foundations of Political Thought (3)
- UI 361 Contemporary Political Theory (3)
- UI 440 The Holocaust (3)

Additional Requirement:

xx xxx 12 Hours in ONE Foreign Language

SOCIETY

33-36 Hour Major - Minor Required

Required Courses:

- AN 181 Intro to Cultural Anthropology (3)
- SO 200 Intro to Social Organization (3)
- SO 240 Interpretation of Data (3)
- SO 242 Statistics for Social Scientists (3)
- SO 245 Methods of Social Research (3)
- SO 490 Devel of Sociological Theory (3)
Bachelor of Arts Majors
Southeast Missouri State University 2003-04

Choose 15 Hour Approved Elective Sequence

Additional Requirement:

Choose 6 Hours of SN Electives (300-500 level)

Additional Requirement:

Choose 3 Hours From:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>AN 101</td>
<td>Observing Other Cultures</td>
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<td>AN 181</td>
<td>Intro to Cultural Anthropology</td>
<td>3</td>
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<td>AN 241</td>
<td>Intro to Linguistic Anthropology</td>
<td>3</td>
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<td>AN 260</td>
<td>World Cultures</td>
<td>3</td>
</tr>
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<td>AN 360</td>
<td>Ancient Civ of Meso-America</td>
<td>3</td>
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<td>GH 125</td>
<td>Islamic Civilization</td>
<td>3</td>
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<tr>
<td>GH 130</td>
<td>Latin American Civilization</td>
<td>3</td>
</tr>
<tr>
<td>GG 160</td>
<td>American Peoples &amp; Civilization</td>
<td>3</td>
</tr>
<tr>
<td>UI 375</td>
<td>European Film</td>
<td>3</td>
</tr>
<tr>
<td>WH 370</td>
<td>Europe in the 20th Century</td>
<td>3</td>
</tr>
<tr>
<td>WH 424</td>
<td>South Americas</td>
<td>3</td>
</tr>
<tr>
<td>WH 520</td>
<td>Latin Am Colonial History</td>
<td>3</td>
</tr>
<tr>
<td>WH 524</td>
<td>Hist of Mexico Since 1810</td>
<td>3</td>
</tr>
</tbody>
</table>

SPEECH COMMUNICATION
28-30 Hour Major - Minor Required

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 105</td>
<td>Fund of Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>SC 155</td>
<td>Fund of Interpers Communication</td>
<td>3</td>
</tr>
<tr>
<td>SC 305</td>
<td>Theories of Communication</td>
<td>3</td>
</tr>
<tr>
<td>SC 320</td>
<td>Group Comm &amp; Decision-Making</td>
<td>3</td>
</tr>
<tr>
<td>UI 345</td>
<td>Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>UI 425</td>
<td>Persuasion</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose One Option:

FORENSIC COMMUNICATION (10-12 Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 160</td>
<td>Intercollegiate Debate</td>
<td>2</td>
</tr>
<tr>
<td>SC/TH 140</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>SC 314</td>
<td>Argumentation &amp; Problem Solving</td>
<td>3</td>
</tr>
</tbody>
</table>
## Bachelor of Arts Majors

**Southeast Missouri State University 2003-04**

**Choose 6 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 161</td>
<td>Intercollegiate Debate (2)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SC 240/TH 140</td>
<td>Oral Interpretation (3) (if not taken above)</td>
</tr>
<tr>
<td>SC 200</td>
<td>Advanced Public Speaking (3)</td>
</tr>
<tr>
<td>SC 335</td>
<td>Interviewing (3)</td>
</tr>
<tr>
<td>SC 400</td>
<td>Advanced Debate (3)</td>
</tr>
<tr>
<td>UI 423</td>
<td>Political Communication (3)</td>
</tr>
<tr>
<td>TH 101</td>
<td>Acting for Non-Majors (3)</td>
</tr>
<tr>
<td>UI 320</td>
<td>Modern Presidency (3)</td>
</tr>
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**PUBLIC COMMUNICATION (11-12 Hours)**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SC 200</td>
<td>Advanced Public Speaking (3)</td>
</tr>
<tr>
<td>SC 310</td>
<td>Speech Writing (3)</td>
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**Choose 6 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>SC 160/161</td>
<td>Intercollegiate Debate (2)</td>
</tr>
<tr>
<td>SC/TH 140</td>
<td>Oral Interpretation (3)</td>
</tr>
<tr>
<td>SC 314</td>
<td>Argumentation &amp; Problem Solving (3)</td>
</tr>
<tr>
<td>SC 505</td>
<td>Sem/Criticism Amer Pub Address (3)</td>
</tr>
<tr>
<td>UI 320</td>
<td>Modern Presidency (3)</td>
</tr>
<tr>
<td>UI 423</td>
<td>Political Communication (3)</td>
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</tbody>
</table>

**INTERPERSONAL AND SMALL GROUP COMMUNICATION (12 Hours)**

**Choose Any 12 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>SC 215</td>
<td>Intercultural Communication (3)</td>
</tr>
<tr>
<td>SC 335</td>
<td>Interviewing: Prin &amp; Pract (3)</td>
</tr>
<tr>
<td>SC 355</td>
<td>Relational Comm Strategies (3)</td>
</tr>
<tr>
<td>SC 510</td>
<td>Group Dynamics (3)</td>
</tr>
<tr>
<td>SC 365</td>
<td>Communication Between the Sexes (3)</td>
</tr>
<tr>
<td>SC 590</td>
<td>Commun/Attitudes: Theory/Research (3)</td>
</tr>
<tr>
<td>UI 301</td>
<td>Managerial Communication (3)</td>
</tr>
</tbody>
</table>

**ORGANIZATIONAL COMMUNICATION AND SOCIAL INFLUENCE (12 Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>SC 560</td>
<td>Organizational Communication (3)</td>
</tr>
<tr>
<td>UI 301</td>
<td>Managerial Communication (3)</td>
</tr>
</tbody>
</table>

**THEATRE**

45 Hour Major - Minor Required

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH/DA 105</td>
<td>Rehearsal &amp; Production (1)</td>
</tr>
<tr>
<td>TH 115</td>
<td>Acting I (3)</td>
</tr>
<tr>
<td>TH 155</td>
<td>Makeup (2)</td>
</tr>
<tr>
<td>TH 231</td>
<td>Stagecraft I (3)</td>
</tr>
<tr>
<td>TH 251</td>
<td>Costume Construction (3)</td>
</tr>
<tr>
<td>TH 285</td>
<td>Script Analysis (3)</td>
</tr>
<tr>
<td>TH/DA 305</td>
<td>Rehearsal &amp; Production (3)</td>
</tr>
<tr>
<td>TH 385</td>
<td>Directing (3)</td>
</tr>
<tr>
<td>TH 490</td>
<td>Theatre History I (3)</td>
</tr>
<tr>
<td>TH 495</td>
<td>Theatre History II (3)</td>
</tr>
<tr>
<td>UI 384</td>
<td>Musical Theatre: Origins to Present (3)</td>
</tr>
</tbody>
</table>

**Choose 3 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>TH 120</td>
<td>Acting II (3)</td>
</tr>
<tr>
<td>TH 265</td>
<td>Drawing for the Theatre (3)</td>
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</table>

**Choose 6 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 331</td>
<td>Stagecraft II (3)</td>
</tr>
<tr>
<td>TH 350</td>
<td>Stage Lighting I (3)</td>
</tr>
<tr>
<td>TH 351</td>
<td>Costume Design (3)</td>
</tr>
<tr>
<td>TH 361</td>
<td>Scene Painting (3)</td>
</tr>
<tr>
<td>TH 371</td>
<td>Scenic Design (3)</td>
</tr>
<tr>
<td>TH 375</td>
<td>Theatre Management (3)</td>
</tr>
<tr>
<td>TH 395</td>
<td>Period &amp; Style (3)</td>
</tr>
<tr>
<td>TH 450</td>
<td>Stage Lighting II (3)</td>
</tr>
<tr>
<td>TH 451</td>
<td>Costume Design II (3)</td>
</tr>
<tr>
<td>TH 471</td>
<td>Scenic Design II (3)</td>
</tr>
</tbody>
</table>

**Choose 6 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 310</td>
<td>Solo Performance (3)</td>
</tr>
<tr>
<td>TH 315</td>
<td>Stage Movement (3)</td>
</tr>
<tr>
<td>TH 320</td>
<td>Stage Combat II (3)</td>
</tr>
<tr>
<td>TH 325</td>
<td>Auditioning (3)</td>
</tr>
</tbody>
</table>
Bachelor Of Fine Arts Majors

BACHELOR OF FINE ARTS DEGREE
See Admission to Bachelor of Fine Arts-Art major criteria under Admissions, page xx.

ART
In addition to the required courses listed, BFA-Art majors complete 12-21 departmentally approved elective hours in one of the following specializations: Painting; Drawing; Printmaking; Sculpture; Ceramics; Fibers; Graphic Design; or Three Dimensional Computer Imaging/Animation.

80 Hour Major - No Minor Required
Required Courses:

Choose One Option:

DANCE (32 Hours)

Choose 6 additional hours of Art History courses (300-500 level)
Specialization & Elective Art Courses (30)

PERFORMING ARTS
63-65 Hour Major - No Minor Required
(A grade of "C" is required in each course within the BFA-Performing Arts major.)
All students wishing to advance in level will be required to successfully complete an annual jury as arranged by department faculty.

Required Courses:

Choose One Option:

DANCE (32 Hours)
**Bachelor Of General Studies Degree**

Southeast Missouri State University 2003-04

---

**Bachelor Of General Studies Degree**

Allows structuring of a degree program without requiring major or minor fields; University Studies requirements must be completed.

**Minimum Degree Requirements**

124 Hours

**University Studies Requirements**

48 Hours

**300-500 Level Courses Required**

30 Hours

---

**Bachelor Of General Studies Degree**

Choose 2 Hours From:

- DA 310  Ballet III (2)
- DA 320  Contemporary Dance III (2)

Choose 3 Hours From:

- DA/PE 219  Theory/Pract of Dance (3)
- ED 255  Children and the Arts (3)

**Additional Requirements: 9 Hours**

- FN 235  Nutrition for Life (3)
- TH 100  Theatre Appreciation (3)
- UI 433  Aesthetics of Movement (3)

**DESIGN & TECHNICAL THEATRE (30 Hours)**

- TH 265  Drawing for the Theatre (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 385  Directing I (3)
- TH 395  Period & Style (3)
- TH 490  Theatre History I (3)
- TH 495  Theatre History II (3)

Choose 3 Hours From:

- TH 331  Stagecraft II (3)
- TH 375  Theatre Management (3)
- TH 450  Stage Lighting II (3)
- TH 451  Costume Design II (3)
- TH 471  Scenic Design II (3)

**Additional Requirements: 9 Hours**

- TH 100  Theatre Appreciation (3)
- TH 140  Oral Interp of Literature (3)
- UI 384  Musical Theatre: Origins to Present (3)

**THEATRE PERFORMANCE OPTION (32 Hours)**

- TH 120  Acting II (3)
- TH 215  Voice for Actors (3)
- TH 220  Stage Combat I (3)
- TH 330  Acting III (3)
- TH 385  Directing I (3)

- TH 490  Theatre History I (3)
- TH 495  Theatre History II (3)

Choose 3 Hours From:

- TH 310  Solo Performance (3)
- TH 315  Stage Movement (3)
- TH 320  Stage Combat II (3)
- TH 325  Auditioning (3)

Choose 3 Hours From:

- TH 475  Ensemble Theatre (3)
- TH 485  Directing II (3)

Choose 5 Hours From Dance and Music Activity courses - see advisor for list of approved courses

**Additional Requirements: 9 Hours**

- TH 100  Theatre Appreciation (3)
- TH 140  Oral Interp of Literature (3)
- UI 384  Musical Theatre: Origins to Present (3)

---

**Bachelor Of Science Degree**

Primarily for students entering various scientific fields. The areas from which majors must be chosen are:

**Agribusiness Options:**

- Agribusiness
- Animal Science
- Horticulture

**Agriculture Options:**

- Agriscience
- Plant & Soil Science

**Biology**
Bachelor Of Science Degree
Southeast Missouri State University 2003-04

Chemistry
Communication Disorders
Computer Science
Options:
  - Computational Systems
  - Computer Systems
  - Graphical Systems

Computer Science, Applied
Options:
  - Information Systems
  - Interdisciplinary Applications Technology

Corporate Communication
Criminal Justice
Options:
  - Corrections
  - Law Enforcement
  - Security Management

Economics
Engineering Physics
Options:
  - Applied Physics and Engineering
  - Computer Applications in Physics & Engineering

Environmental Science
Food Service & Hospitality Management
Geography
Geoscience
Health Management
Options:
  - Athletic Training
  - Exercise Science
  - Health Promotion

Historic Preservation
Human Environmental Studies
Options:
  - Child Development
  - Dietetics
  - Family Life
  - Fashion Merchandising
  - Housing & Interior Design

Industrial Technology
Options:
  - Construction Management & Design
  - Electronics & Computer Technology
  - Industrial Management
  - Technology (AAS transfers)
  - Technical Graphics

Interdisciplinary Studies
Manufacturing Engineering Technology
Mass Communication
Options:
  - Advertising
  - Corporate Video
  - Public Relations
  - Radio

Mathematics:
Options:
  - Pure Mathematics
  - Applied Mathematics & Statistics
  - Medical Technology

Physics
Political Science
Psychology
Recreation
Social Work
Sociology
Sport Management

AGRIBUSINESS
49-60 Hour Major - No Minor Required

Required Courses:

AC 221  Princ of Financial Accounting (3)
AD 101  Intro to Microcomp Appl (3)
AG 245  Agricultural Economics (3)
AG 250  Agribusiness Management (3)
AG 334  Agribusiness Finance (3)
AG 355  Agriculture Seminar (1)
AG 433  Agrucultural & Food Policy (3)
AG 465  Agriculture Internship (3)
AG 466  Agriculture Internship (6)
AG 469  Undergrad Research (3)
AG 470  Agriculture Sales (3)
AO 120  Plant Science (4)
MA 223  Elem Prob & Stats (3)
QM 257  Business Stats (3)

Additional Requirements (8 Hours):

CH 181  Basic Princ of Chemistry (5)
CH 185  General Chemistry I (5)
MA 134  College Algebra (3)

Choose One of the Following Options (17-28 Hours):

OR

Bachelor Of Science Degree

Southeast Missouri State University 2003-04

AGRIBUSINESS
AG 447 Mktg Agric Products (3)
AY 101 Animal Science (5)
EC 225 Princ of Macroecon (3)

Choose 6 Hours Electives (300-400 level)

ANIMAL SCIENCE
AG 447 Mktg Agric Products (3)
AY 101 Animal Science (5)
AY 204 Animal Nutrition (3)
AY 304 Princ of Animal Nutrition (3)
AY 311 Animal Breeding (3)
AY 405 Beef Production (3)
AY 406 Swine Production (3)
EC 225 Princ of Macroecon (3)

HORTICULTURE
AG 290 Economic Entomology (3)
AO 215 Soil Science (3)
AO 323 Plant Pathology (2)
AO 325 Agrichemical Mgt (2)
HO 130 Ornamental Plants I (2)
HO 230 Ornamental Plants II (2)
HO 330 Landscape Planting Design (3)
HO 350 Greenhouse Mgt (4)
HO 430 Landscape & Turf Mgt (4)
MK 301 Princ of Mktg (3)

AGRICULTURE
47-57 Hour Major - No Minor Required

Required Courses:
AG 355 Agriculture Seminar (1)
AG 465 Agriculture Internship (3)
AG 466 Agriculture Internship (6)
AG 469 Undergrad Research (3)
AO 120 Plant Science (4)
AO 215 Soils (3)
AY 101 Animal Science (5)
BI 381 Genetics (3)
BI 190 Life Processes (4)

Additional Requirements (8-11 Hours):
CH 181 Basic Princ in Chem (5)
CH 185 Gen Chem I (5)
MA 134 College Algebra (3)

Choose One of the Following Options (18-25 Hours):

PLANT AND SOIL SCIENCE
AG 290 Econ Entomology (3)
AO 322 Weed Science (3)
AO 323 Plant Pathology (2)
AO 325 Agrichem Mgt (2)
AO 420 Crop Physiology (3)
AO 427 Soil Fertility & Plant Nutrtn (3)

Choose 13 Hours From the Following (At Least 4 Hours At 300-500 Level):
AO 230 Princ Grain Crop Prod (3)
AO 321 Cotton & Rice Culture (3)
AO 341 Vegetable Prod (3)
AO 550 Soil Conservation (3)
AO 555 Soil Class & Res Mgt (3)
GO 445 Geo Info Systems (3)
GO 455 Clay Mineralogy (3)
HO 130 Orn Plants I (2)
HO 230 Orn Plants II (2)
HO 231 Plant Propagation (3)
HO 342 Fruit Production (3)
HO 350 Greenhouse Mgt (4)
HO 430 Landscape & Turf Mgt (4)
HO 431 Nursery Prod & Silviculture (4)

AGRICIENCE
The Agricience option is specifically designed for students who have earned accredited Associate of Applied Science degrees in fields related to agricultural science or technology and desire to complete a Bachelor of Science degree in Agriculture. Students will be awarded up to 33 hours for the approved agricultural science and technology transfer courses. To complete
the BS degree, students must complete the University Studies requirements and the Agriculture core courses. In addition, students will select 18 credit hours of 300-500 level electives to build upon the skills gained through the AAS degree. Contact the Department of Agriculture or see http://www4.semo.edu/agriculture/agriculture.htm for further information.

BIOLOGY
40 Hour Major - Minor Required

Required Courses:
- BI 003  Biology Major Field Assessment (0)
- BI 190  Life Processes (4)
- BI 200  General Microbiology (3)
- BI 225  Research Methods in Biology (3)
- BI 381  Genetics (3)
- BI 487  Biology Seminar (1)
- BI 300  Intro to Evolutionary Biology (3)
- BI 4xx or 5xx Experiential Learning (2)
- BO 200  Plant Biology (3)
- ZO 200  Animal Biology (3)

Choose 12 Hours BI, BO, or ZO courses, any level

Choose One Option:

BIOMEDICAL SCIENCES
- ZO 331  Animal Physiology (3)

Additional Requirements: 30-38 Hours

CH 185  General Chemistry I (5)
CH 186  General Chemistry II (3)
CH 187  Qualitative Analysis (2)
CH 341-342 Organic Chemistry I (5)

OR

CH 341-344 Organic Chemistry I & II (10)
MA 134  College Algebra (3)
MA 133  Trigonometry (2)

OR

MA 139  Applied Calculus (3)

OR

MA140  Analyt Geom & Calc I (5)

OR

MA 223  Probability & Statistics (3)

BI 332  Ecology (3)

Additional Requirements: 14-16 Hours

CH 185  General Chemistry I (3)
GO 110  Physical Geology (3)
MA 134  College Algebra (3)
MA 139  Applied Calculus (3)

OR

MA 140  Analyt Geom & Calc I (5)

OR

MA 223  Probability & Statistics (3)

CHEMISTRY
38 Hour Major - No Minor 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 311  Physical Chemistry I (4)
CH 312  Physical Chemistry II (3)
CH 313  Physical Chemistry Laboratory (3)
Bachelor Of Science Degree
Southeast Missouri State University 2003-04

Additional Requirements: 22 Hours

NOTE: Certification of program by the American Chemical Society may be obtained by taking a minimum of 12 additional hours. Consult an advisor for specific information.

COMMUNICATION DISORDERS
38-39 Hour Major - No Minor Required
(See Admission to Communication Disorders Program criteria under Admissions, page 10)

Required Courses:

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CH 341</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 342</td>
<td>Organic Chemistry Lab I</td>
<td>1</td>
</tr>
<tr>
<td>CH 343</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CH 344</td>
<td>Organic Chemistry Laboratory II</td>
<td>2</td>
</tr>
<tr>
<td>CH 498</td>
<td>Professional Presentation in Chem</td>
<td>1</td>
</tr>
<tr>
<td>UI 443</td>
<td>Professional Exp in Chem</td>
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Optional Courses:

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<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CH 341</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CH 342</td>
<td>Organic Chemistry Lab I</td>
<td>1</td>
</tr>
<tr>
<td>CH 343</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CH 344</td>
<td>Organic Chemistry Laboratory II</td>
<td>2</td>
</tr>
<tr>
<td>CH 498</td>
<td>Professional Presentation in Chem</td>
<td>1</td>
</tr>
<tr>
<td>UI 443</td>
<td>Professional Exp in Chem</td>
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Additional Requirements:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BS 107</td>
<td>Investigations in Biology</td>
<td>3</td>
</tr>
<tr>
<td>EN 140</td>
<td>Rhetoric &amp; Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>MA 134</td>
<td>College Algebra</td>
<td></td>
</tr>
<tr>
<td>MA xxx</td>
<td>Additional Math course (above MA 134)</td>
<td></td>
</tr>
<tr>
<td>PS 103</td>
<td>U.S. Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>PY 101</td>
<td>Psych Perspect on Human Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SC 105</td>
<td>Fund of Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>US 105</td>
<td>American History I</td>
<td></td>
</tr>
<tr>
<td>US 107</td>
<td>American History II</td>
<td>3</td>
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Choose One of the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CH 180</td>
<td>Chemistry in Our World</td>
<td>3</td>
</tr>
<tr>
<td>CH 181</td>
<td>Basic Principles of Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CH 185</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>PH 106</td>
<td>Physical Concepts</td>
<td>3</td>
</tr>
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Choose One of the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CD 110</td>
<td>Language Culture of Deaf</td>
<td>3</td>
</tr>
<tr>
<td>SO 102</td>
<td>Society, Culture &amp; Social Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SW 207</td>
<td>Understanding Culture &amp; Soc Diversity</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: State and national certification in speech-language pathology (American Speech-Language-Hearing Association and Missouri Department of Elementary and Secondary Education) requires that applicants complete a core of courses in the humanities, professional education, biological/physical sciences, mathematics, behavioral and social sciences. Students should work closely with a departmental advisor in selecting appropriate University Studies and professional education courses which meet these certification requirements.

APPLIED COMPUTER SCIENCE
Bachelor Of Science Degree
Southeast Missouri State University 2003-04

56-83 Hour Major - No Minor Required*

Required Courses:

CS 003      Computer Science Assessment (0)
CS 120      Intro to Computer Science (3)
OR
IS 130      Visual Basic Programming I (3)
CS 155      Computer Science I (5)
CS 265      Computer Science II (5)
CS 300      Computer Science III (3)
CS 315      C & the Unix Environment (3)
CS 440      Data Base (3)
CS 445      Appl Syst Analysis & Design (3)
CS 450      Software Engineering (3)
CS 455      Topics in Applic Programming (3)
CS 480      Data Communications (3)
CS 495      Senior Seminar (1)
IS 175      Information Systems I (3)
IS 275      Information Systems II (3)
MA 138      Discrete Mathematics I (3)
MA 139      Applied Calculus (3)
OR
MA 140      Analytical Geom & Calc I (5)

Choose One of the Following Options:

INTERDISCIPLINARY APPLICATIONS (9)
*Second major or minor required in a department other than Computer Science.

IS 330      Visual Basic Programming I (3)
MA 223      Probability & Statistics (3)

Choose 3 Hours From:

CS or IS Courses (300-400 level)
OR
related 300 or 400 level courses in second major with department approval

INFORMATION SYSTEMS (24 Hours)

AC 221      Principles/Financial Accounting (3)
AC 222      Principles/Managerial Accounting (3)
CS 331      Business Applic Programming (3)
EC 215      Principles of Microeconomics (3)
MA 223      Probability and Statistics (3)
OR
QM 257      Business Statistics (3)

Choose 6 Hours From:

AC 330      Accounting Information Systems (3)
AC 331      Cost/Managerial Accounting (3)
AC 339      Managerial Accounting (3)
FI 361      Financial Management (3)
MG 358      Production/Operations Mgt (3)
MK 301      Principles of Marketing (3)

OR

MG 301      Management & Organiz Behav (3)
QM 352      Quant Methods in Business (3)

Choose 3 Hours From:

CS or IS Courses (300-400 level)

TECHNOLOGY (36 Hours)

CS 365      Computer Organiz & Assembly Lang (5)
CS 380      Operating Systems (3)
EP 305      Digital & Analog System Design (3)
EP 310      Microcomputer Interfacing (3)
ET 366      Microcontrollers (3)
MA 223      Probability & Statistics (3)
PH 120/121  Introductory Physics I & II (10)
OR

PH 230/231  General Physics I & II (10)

Choose One 6 Elective Sequence:

Sequence A

EP 342      Electronic Circuits I (3)
EP 352      Electronic Circuits II (3)

Sequence B

ET 462      Networking I (3)
ET 464      Telecommunications & Ntwkg II (3)

Sequence C

ET 368      Advanced Digital Principles (3)
ET 465      Computer Peripherals (3)

COMPUTER SCIENCE
66-87 Hour Major - No Minor Required
### Bachelor Of Science Degree
Southeast Missouri State University 2003-04

#### Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CS 003</td>
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<tr>
<td>CS 120</td>
<td>Intro to Computer Science (3)</td>
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<td>OR</td>
<td></td>
</tr>
<tr>
<td>IS 130</td>
<td>Visual Basic Programming I (3)</td>
</tr>
<tr>
<td>CS 155</td>
<td>Computer Science I (5)</td>
</tr>
<tr>
<td>CS 265</td>
<td>Computer Science II (5)</td>
</tr>
<tr>
<td>CS 300</td>
<td>Computer Science III (3)</td>
</tr>
<tr>
<td>CS 315</td>
<td>C &amp; the Unix Environment (3)</td>
</tr>
<tr>
<td>CS 345</td>
<td>Foundations of Computer Science (3)</td>
</tr>
<tr>
<td>CS 350</td>
<td>Data Structures &amp; Algorithms (3)</td>
</tr>
<tr>
<td>CS 380</td>
<td>Operating Systems (3)</td>
</tr>
<tr>
<td>CS 445</td>
<td>Appl Syst Analysis &amp; Design (3)</td>
</tr>
<tr>
<td>CS 450</td>
<td>Software Engineering (3)</td>
</tr>
<tr>
<td>CS 495</td>
<td>Senior Seminar (1)</td>
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<tr>
<td>MA 138</td>
<td>Discrete Mathematics I (3)</td>
</tr>
<tr>
<td>MA 140</td>
<td>Analytic Geometry &amp; Calculus I (5)</td>
</tr>
<tr>
<td>MA 145</td>
<td>Analytic Geometry &amp; Calculus II (4)</td>
</tr>
<tr>
<td>MA 345</td>
<td>Linear Algebra (3)</td>
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#### Choose One of the Following Options:

**COMPUTATIONAL SYSTEMS (26)**

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CS 365</td>
<td>Computer Org &amp; Assembly Lang (5)</td>
</tr>
<tr>
<td>CS 390</td>
<td>Programming Languages (3)</td>
</tr>
<tr>
<td>MA 223</td>
<td>Probability &amp; Statistics (3)</td>
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<tr>
<td>MA 240</td>
<td>Analytical Geometry &amp; Calc III (3)</td>
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<tr>
<td>MA 334</td>
<td>Computer Programming (3)</td>
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<td>MA 544</td>
<td>Numerical Analysis (3)</td>
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**Choose 6 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MA 350</td>
<td>Differential Equations I (3)</td>
</tr>
<tr>
<td>MA 445</td>
<td>Modern Algebra (3)</td>
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<tr>
<td>MA 523</td>
<td>Probability &amp; Statistics I (3)</td>
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<tr>
<td>MA 524</td>
<td>Probability &amp; Statistics II (3)</td>
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<tr>
<td>MA 545</td>
<td>Linear Algebra &amp; Matrices (3)</td>
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<tr>
<td>MA 550</td>
<td>Differential Equations II (3)</td>
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**COMPUTER SYSTEMS (36 Hours)**

#### Required Courses:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CS 365</td>
<td>Computer Org &amp; Assembly Lang (5)</td>
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<tr>
<td>CS 390</td>
<td>Programming Language (3)</td>
</tr>
<tr>
<td>EP 305</td>
<td>Digital &amp; Analog System Design (3)</td>
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<tr>
<td>MA 223</td>
<td>Elementary Probability &amp; Statistics (3)</td>
</tr>
<tr>
<td>PH 120/121</td>
<td>Introductory Physics I &amp; II (10)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PH 230/231</td>
<td>General Physics I &amp; II (10)</td>
</tr>
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</table>

**Choose 9 Hours 300-400 level CS courses (except CS 331)**

**Choose 3 Hours Science/Quantitative Course Elective - See Department of Computer Science for approved courses**

**GRAPHICAL SYSTEMS (37 Hours)**

#### Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>AR 100</td>
<td>Drawing I (3)</td>
</tr>
<tr>
<td>AR 112</td>
<td>Perspectives in Art (3)</td>
</tr>
<tr>
<td>AR 201</td>
<td>Color Composition (3)</td>
</tr>
<tr>
<td>AR 202</td>
<td>Drawing II (3)</td>
</tr>
<tr>
<td>AR 325</td>
<td>Painting (3)</td>
</tr>
<tr>
<td>AR 208</td>
<td>Intro to Graphic Design (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>AR 314</td>
<td>Drawing III (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>AW 8xx</td>
<td>Computer Art (3)</td>
</tr>
<tr>
<td>AR 375</td>
<td>Art &amp; New Technology (3)</td>
</tr>
<tr>
<td>AR 376</td>
<td>3-D Animation (3)</td>
</tr>
<tr>
<td>CS 375</td>
<td>Computer Graphics (3)</td>
</tr>
<tr>
<td>PH 120/121</td>
<td>Introductory Physics I &amp; II (10)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PH 230/231</td>
<td>General Physics I &amp; II (10)</td>
</tr>
</tbody>
</table>

**CORPORATE COMMUNICATION 48 Hour Major - Minor Required**

#### Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MG 301</td>
<td>Management &amp; Organizational Behr (3)</td>
</tr>
<tr>
<td>MK 301</td>
<td>Principles of Marketing (3)</td>
</tr>
<tr>
<td>MK 341</td>
<td>Public Relations (3)</td>
</tr>
<tr>
<td>SC 155</td>
<td>Fund of Interpersonal Comm (3)</td>
</tr>
</tbody>
</table>
Bachelor Of Science Degree
Southeast Missouri State University 2003-04

Choose 9 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>SC 330</td>
<td>Corporate &amp; Professional Comm (3)</td>
</tr>
<tr>
<td>SC 335</td>
<td>Interviewing: Princ &amp; Practices (3)</td>
</tr>
<tr>
<td>SC 483</td>
<td>Internship in Corporate Comm (3)</td>
</tr>
<tr>
<td>SC 560</td>
<td>Organizational Comm (3)</td>
</tr>
<tr>
<td>UI 301</td>
<td>Managerial Communication (3)</td>
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</table>

Choose One 12 Hour Option:

<table>
<thead>
<tr>
<th>Major</th>
<th>Courses</th>
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<tbody>
<tr>
<td>CORRECTIONS</td>
<td>CJ 526 Statistical Analysis in Crim Justice (3)</td>
</tr>
<tr>
<td>OR</td>
<td>SO 240 Interpretation of Data (3)</td>
</tr>
<tr>
<td>OR</td>
<td>SO 242 Statistics for Soc Scientists (3)</td>
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</table>

Choose 6 hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 215</td>
<td>Intercultural Communication (3)</td>
</tr>
<tr>
<td>SC 310</td>
<td>Speech Writing (3)</td>
</tr>
<tr>
<td>SC 314</td>
<td>Argumentation &amp; Problem Solving (3)</td>
</tr>
<tr>
<td>SC 320</td>
<td>Group Comm &amp; Decision-Making (3)</td>
</tr>
<tr>
<td>SC 355</td>
<td>Relational Comm Strategies (3)</td>
</tr>
<tr>
<td>SC 406</td>
<td>Comm Prin/Negotiation &amp; Conflict Mgmt (3)</td>
</tr>
<tr>
<td>SC 510</td>
<td>Group Dynamics (3)</td>
</tr>
<tr>
<td>SC 590</td>
<td>Communication &amp; Attitudes (3)</td>
</tr>
<tr>
<td>UI 425</td>
<td>Persuasion (3)</td>
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</table>

Choose 6 hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MK 342</td>
<td>Professional Selling (3)</td>
</tr>
<tr>
<td>MK 343</td>
<td>Advertising &amp; Promotion (3)</td>
</tr>
<tr>
<td>MK 344</td>
<td>Consumer Behavior (3)</td>
</tr>
<tr>
<td>MK 349</td>
<td>Retail Management (3)</td>
</tr>
<tr>
<td>MK 560</td>
<td>International Marketing (3)</td>
</tr>
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</table>

Choose 6 hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>MG 362</td>
<td>Management Systems I (3)</td>
</tr>
<tr>
<td>MG 450</td>
<td>Improving Team Performance (3)</td>
</tr>
<tr>
<td>MG 470</td>
<td>Leadership in Management (3)</td>
</tr>
<tr>
<td>MG 560</td>
<td>International Management (3)</td>
</tr>
</tbody>
</table>

CRIMINAL JUSTICE

33 Hour Major - Minor Required

Required Courses:

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CJ 100</td>
<td>Intro to Criminal Justice (3)</td>
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<tr>
<td>CJ 110</td>
<td>Intro to Law Enforcement (3)</td>
</tr>
<tr>
<td>CJ 125</td>
<td>Intro to Corrections (3)</td>
</tr>
<tr>
<td>CJ 220</td>
<td>Criminal Law (3)</td>
</tr>
<tr>
<td>CJ 370</td>
<td>Juvenile Justice (3)</td>
</tr>
<tr>
<td>CJ 425</td>
<td>Planning/Resrch in Crim Justice (3)</td>
</tr>
</tbody>
</table>

Any 3 hour college-level statistics course

Choose 12 Hours From:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>EC xxx</td>
<td>EC course (235-500 level)</td>
</tr>
<tr>
<td>UI 322</td>
<td>International Political Economy (3)</td>
</tr>
<tr>
<td>UI 349</td>
<td>Comparative Economic Systems (3)</td>
</tr>
</tbody>
</table>
Bachelor Of Science Degree
Southeast Missouri State University 2003-04

NOTE: No more than 6 hours of UI courses may be selected.

ENGINEERING PHYSICS
EAC/ABET Accredited (see http://www.abet.org)
68-70 Hour Major - No Minor Required

Required Courses:
- EP 100 Physics & Engineering Concepts (1)
- EP 260 Circuit Analysis I (3)
- EP 342 Electronic Circuits I (3)
- EP 372 Signals and Systems (3)
- EP 461 Computer Applications (3)
- EP 480 Capstone Design I (1)
- EP 481 Capstone Design II (3)
- PH 230 General Physics I (5)
- PH 231 General Physics II (5)
- PH 341 Optics (3)
- PH 345 Experimental Methods I (3)

OR
- UI 330 Experimental Methods I (3)
- PH 360 Modern Physics (3)
- PH 370 Mechanics (3)
- PH 371 Electromagnetics (3)
- PH 445 Experimental Methods II (3)

Additional Requirements: 31 Hours
- CH 185 General Chemistry I (5)
- MA 140 Analytic Geometry & Calculus I (5)
- MA 145 Analytic Geometry & Calculus II (4)
- MA 240 Analytic Geometry & Calculus III (3)
- MA 245 Vector Calculus (2)
- MA 334 Computer Programming (3)
- MA 350 Differential Equations (3)
- MA 544 Numerical Analysis (3)
- TG 120 Engineering Graphics (3)

Choose One of the Following Options (23-25 Hours):

APPLIED PHYSICS AND ENGINEERING
- EP 265 Circuit Analysis II (3)
- EP 352 Electronic Circuits II (3)
- EP 361 Thermal Analysis (3)
- EP 374 Control Systems (3)
- EP 462 Material Science (3)
- PH 473 Quantum Mechanics (3)

Choose 5 Hours Approved EP or PH Electives

COMPUTER APPLICATIONS IN PHYSICS AND ENGINEERING
- CS 155 Computer Science I (5)
- CS 265 Computer Science II (5)
- CS 315 C & the Unix Environment (3)

OR
- CS 365 Computer Org & Assemb Lang (5)
- EP 305 Digital & Analog Syst Design (3)
- EP 310 Microcomputer Interfacing (3)

Choose 4 Hours Approved EP or PH Electives

ENVIRONMENTAL SCIENCE
96-103 Hour Major - No Minor Required

Required Courses:
- BI 200 General Microbiology (3)
- BI 332 General Ecology (3)
- BO 200 Plant Biology (3)

OR
- ZO 200 Animal Biology (3)
- BS 105 Environmental Biology (3)
- CH 185 General Chemistry I (5)
- CH 186 General Chemistry II (5)
- CH 187 Qualitative Analysis (2)
- CH 341 Organic Chemistry I (4)
- CH 342 Organic Chemistry Lab I (1)
- CS 180 Scientific Computing (3)
- EV 201 Environmental Science Seminar I (1)
- EV 401 Environmental Science Seminar II (1)
- EV 454 Risk Assessment Applications (3)
- EV 481-483 Internship (3)

OR
- EV 491-493 Research (3)
- EV xxx EV Course (300-500 level) (3)
### Bachelor Of Science Degree

**Southeast Missouri State University 2003-04**

**Choose 6 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>GO 110</td>
<td>Physical Geology (3)</td>
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<tr>
<td>GO 365</td>
<td>Environmental Soil Science (4)</td>
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<tr>
<td>GO 460</td>
<td>Environmental Hydrology (3)</td>
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<tr>
<td>MA 140</td>
<td>Analytical Geometry &amp; Calculus I (5)</td>
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<td>MA 223</td>
<td>Elementary Probability &amp; Statistics (3)</td>
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<tr>
<td>PH 120</td>
<td>Introductory Physics I (5)</td>
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<tr>
<td>PH 121</td>
<td>Introductory Physics II (5)</td>
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<tr>
<td>PH 230</td>
<td>General Physics I (5)</td>
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<tr>
<td>PH 231</td>
<td>General Physics II (5)</td>
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<tr>
<td>UI 373</td>
<td>Earth &amp; Life Through Time (3)</td>
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<td>UI 429</td>
<td>Environmental Ethics (3)</td>
<td></td>
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<tr>
<td>UI 301</td>
<td>Managerial Communication Processes (UI 331</td>
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<td>UI 339</td>
<td>North American Indians (3)</td>
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<td>UI 360</td>
<td>Recycling &amp; Waste Management (3)</td>
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<td>UI 372</td>
<td>Earthquakes &amp; Society (3)</td>
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<td>UI 386</td>
<td>Environmental Health (3)</td>
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<td>UI 387</td>
<td>Environmental Law &amp; Public Policy (3)</td>
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**Choose One Option:**

### BIOLOGY (16 Hours)

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<tr>
<td>BI 190</td>
<td>Life Processes (4)</td>
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<tr>
<td>BI 225</td>
<td>Research Methods in Biology (3)</td>
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<tr>
<td>BO 200</td>
<td>Plant Biology (3)</td>
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<tr>
<td>ZO 200</td>
<td>Animal Biology (3)</td>
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<tr>
<td>BI 381</td>
<td>Genetics (3)</td>
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<td>BI 420</td>
<td>Principles of Wildlife Management (3)</td>
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<tr>
<td>BI 430</td>
<td>Management of Wildlife Habitat (3)</td>
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<td>BI 432</td>
<td>Advanced Ecology (3)</td>
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<td>BI 435</td>
<td>Conservation Biology (3)</td>
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**Choose 6 Hours From:**

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<tr>
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<td>BI 441</td>
<td>Virology (3)</td>
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<td>BI 442</td>
<td>Immunology (3)</td>
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<tr>
<td>BI 443</td>
<td>Epidemiology (3)</td>
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<tr>
<td>BI 445</td>
<td>Microbial Physiology (3)</td>
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<td>BI 452</td>
<td>Limnology (3)</td>
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<td>BI 453</td>
<td>Occupational Health (3)</td>
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<td>BI 454</td>
<td>Risk Assessment (3)</td>
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<tr>
<td>BI 455</td>
<td>Industrial Hygiene (3)</td>
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<tr>
<td>BI 460</td>
<td>Introduction to Toxicology (3)</td>
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<tr>
<td>BI 469</td>
<td>Wildlife Toxicology (3)</td>
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<tr>
<td>BI 471-473</td>
<td>Internship in Biology (1-3)</td>
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<tr>
<td>BI 479</td>
<td>Introduction to Aquatic Toxicology (3)</td>
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<td>BI 543</td>
<td>Pathogenic Microbiology (2)</td>
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<td>BI 544</td>
<td>Pathogenic Microbiology Laboratory (1)</td>
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<td>BI 589-591</td>
<td>Biological Research (1-3)</td>
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<td>BO 361</td>
<td>Systematic Botany (3)</td>
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<tr>
<td>BO 445</td>
<td>Plant Physiology (3)</td>
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<td>BO 461</td>
<td>Native Aquatic Plants (3)</td>
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<td>BO 469</td>
<td>Field Botany (3)</td>
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<td>ZO 331</td>
<td>Animal Physiology (3)</td>
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<td>ZO 459</td>
<td>Mammalogy (3)</td>
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<tr>
<td>ZO 460</td>
<td>Herpetology (3)</td>
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<tr>
<td>ZO 466</td>
<td>Ornithology (3)</td>
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<td>ZO 469</td>
<td>Vertebrate Adaptations (3)</td>
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<tr>
<td>ZO 478</td>
<td>Ichthyology (3)</td>
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### BUSINESS (21 Hours)

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<tr>
<td>AC 221</td>
<td>Principles of Financial Accounting (3)</td>
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<tr>
<td>AC 222</td>
<td>Principles of Managerial Accounting (3)</td>
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<tr>
<td>EC 225</td>
<td>Principles of Macroeconomics (3)</td>
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<tr>
<td>FI 361</td>
<td>Financial Management (3)</td>
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<tr>
<td>MG 301</td>
<td>Management &amp; Organizational Behavior (3)</td>
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<tr>
<td>MI 375</td>
<td>Management Information Systems (3)</td>
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</tr>
<tr>
<td>MK 301</td>
<td>Principles of Marketing (3)</td>
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</tr>
</tbody>
</table>
Bachelor Of Science Degree
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CHEMISTRY (15 Hours)
CH 271 Quantitative Analysis (4)
CH 310 Introduction to Physical Chemistry (5)
UI 443 Prof Experience in Chem (3)

Choose 3 Hours From:
CH 343 Organic Chemistry II (3)
CH 344 Organic Chemistry Lab II (2)
CH 350 Environmental Chemistry (3)
CH 391 Undergraduate Research (1-3)
CH 545 Organic Preparations & Characterizations (3)
CH 575 Chemical Instrumentation (4)
CH 531/UI 331 Biochemistry I (3)

ENVIRONMENTAL HEALTH (21 Hours)
EV 350 Environmental Chemistry (3)
EV 443 Epidemiology (3)
EV 453 Occupational Health (3)
EV 455 Industrial Hygiene (3)
EV 460 Introduction to Toxicology (3)
UI 386 Environmental Health (3)
UI 387 Environmental Law & Public Policy (3)

NOTE: One of the EV courses above will satisfy the 3 hours of elective credit in the Environmental Science core course requirements.

Choose 9 Hours From:
BI 543 & 544 Pathogenic Microbiology & Lab (3)
BS 332 Human Physiology (3)
EN 301 Writing for Science & Technology (3)
HL 210 Health & Safety (2)
HL 320 Community Health (3)

GO 350 Field Camp (4)
GO 360 Structural Geology (3)
GO 400 Geomorphology (3)
GO 416 Applied Geophysics (3)
GO 420 Global Environmental Change (3)
GO 435 Predictive Stratigraphy (3)
GO 445 Geographic Information Systems (3)
GO 465 Low Temperature Geochemistry (3)
GO 495 Senior Research & Seminar (2)

INFORMATION SYSTEMS (20-22 Hours)
CS 155 Computer Science I (5)
CS 265 Computer Science II (5)
CS 315 C & the Unix Environment (3)
IS 130 Visual Basic (3)
OR
IS 266 Visual Basic for Programmers (1)
IS 275 Information Systems II (3)
IS 330 Visual Basic II (3)

SOIL SCIENCE (15 Hours)
AO 427 Soil Fertility & Plant Nutrition (3)
GO 400 Geomorphology (3)
GO 555 Soil Classification & Resource Management

Choose 6 Hours From:
AO 550 Soil Conservation (3)
GO 340 Remote Sensing (3)
GO 445 Geographic Information Systems (3)
GO 455 Clay Mineralogy (3)

FOOD SERVICE & HOSPITALITY MANAGEMENT
32 Hour Major - Management Minor Required

Required Courses:
FN 150 Perspect on Foodsvc & Hospitality Mgt (1)
FN 205 Selection & Preparation of Foods (3)
FN 235 Nutrition for Health (3)
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99

Additional Requirements: 18 Hours
AC 200 Survey of Accounting (3)
AD 101 Intro to Microcomputer Appl (3)
BL 255 Legal Environ of Business (3)
MA 134 College Algebra (3)
MK 301 Principles of Marketing (3)
UI 301 Managerial Communication Process (3)

GEOGRAPHY
33 Hour Major - Minor Required

Required Courses:
GG 140 The Physical Landscape (3)
GG 150 People & Places of the World
GG 160 American People & Civ (3)
OR
GG 170 European People & Civ (3)
GG 180 Cultural Geography (3)
GG 320 Political Geography (3)
UI 307 Economic Geography (3)*
UI 401 American Cultural Landscape

Elective sequence approved by advisor – to include 6 hours upper level GG prefix (12)
*No more than 3 hours of upper level UI coursework the major may count toward University Studies requirements.

GEOSCIENCE
40-50 Hour Major - No Minor Required

Required Geoscience Courses:
GO 110 Physical Geology (3)
GO 225 Rocks & Minerals (3)
GO 310 Field Methods (1)
GO 495 Senior Research & Seminar (2)
UI 373 Earth/Life Thru Time (3)

Required Math & Science Courses:
CH 181 Basic Prin of Chem (5)
OR
CH 185 General Chemistry I (5)
MA 133 Plane Trigonometry (2)
MA 134 College Algebra (3)

Choose One Core Specialization:
Professiona Geologist – 28 Hours
GO 335 Sedimentology/Stratigraphy (4)
GO 345 Mineralogy/Petrology (4)
GO 350 Field Camp (4)
GO 360 Structural Geology (3)
GO xxx Any 300-500 level GO prefix courses

Environmental Geoscientist - 28 hours
EV 454 Risk Assessment Applications (3)
GO 340 Remote Sensing (3)
GO 365 Environmental Soil Science (4)
GO 400 Geomorphology (3)
GO 445 Geographic Info Systems (3)
GO 460 Environmental Hydrology (3)
GO xxx Any 300-500 level GO prefix courses

General Earth Science – 18 Hours
GO 220 Meteorology (3)
GO 320 Oceanography (3)
GO 305 Environmental Geoscience (3)
UI 416 Planetary Exploration (3)
GO xxx Any 300-500 level GO prefix courses

Additional Requirements: 22 Hours* - (including 6 hours of MA prefix courses)
CH 186 General Chemistry II (3)
CH 341 Organic Chemistry I (4)
CH 342 Organic Chemistry Lab 1 (1)
PH 120 Introductory Physics I (5)
PH 121 Introductory Physics II (5)
PH 230 General Physics I (5)
PH 231 General Physics II (5)
**Bachelor Of Science Degree**

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*Students choosing the General Earth Science specialization may elect to substitute a minor for the 22 hour elective sequence.*

**HEALTH MANAGEMENT**
61-72 Hour Major - No Minor Required  
(See Admission to Health Management: Athletic Training Program criteria under Admissions, page xx.)

**Required Courses:**
- **FN 235** Nutrition for Health (3)
- **HL 110** Intro to Health Management (3)
- **HL 120** Health Perspectives (3)
- **HL 231** Fitness Conditioning (3)
- **HL 312** Contemporary Drug Use (3)
- **HL 331/031** Exercise Physiology (3)
- **HL 431** Fitness Assessment & Exercise Prog (4)
- **HL 460** Exercise Leadership (3)
- **HL 498** Health Internship (12)

Choose One Option:

**ATHLETIC TRAINING (35 Hours)**
- **FN 530** Pathophysiology (3)
- **HL 251** Intro to Athletic Injuries (3)
- **HL 263** Sports Injury Management (3)
- **HL 265** Therapeutic Modalities (4)
- **HL 280** Basic Skills in Athletic Training (1)
- **HL 281** Practicum in Athletic Training I (1)
- **HL 282** Practicum in Athletic Training II (1)
- **HL 321** Advanced Injury Assessment I (3)
- **HL 322** Advanced Injury Assessment II (3)
- **HL 383** Practicum in Athletic Training III (1)
- **HL 384** Practicum in Athletic Training IV (1)
- **HL 444** Rehab of Sports Injuries (3)

**EXERCISE SCIENCE (24 Hours)**
- **HL 251** Intro to Athletic Injuries (3)
- **HL 261** Exercise Science Practicum (3)
- **HL 303** Research Methods (3)
- **HL 332** Lifestyle Disease Risk Reduction (3)
- **HL 471** Fitness Facility Admin (3)
- **PE 464** Kinesiology (3)

**Electives - 6 Hours:**
- **FN 200-500** approved by advisor (3)
- **HL 300-500** approved by advisor (3)

**HEALTH PROMOTION (27 Hours)**
- **FN 255** Nutrition I (3)
  **OR**
  **FN 355** Lifespan Nutrition (3)
- **HL 260** Health Promotion Practicum (3)
- **HL 303** Research Methods (3)
- **HL 332** Lifestyle Disease Risk Reduction (3)
- **HL 432** Health Promotion Programs (3)
- **HL 490** Program Planning & Evaluating (3)
- **MG 301** Management & Organiz Behav (3)
  **OR**
  **MK 301** Principles of Marketing (3)
- **MG 355** Supervisory Management (3)
  **OR**
  **MK 343** Advertising & Promotion (3)
- **UI 354** Lifestyle Enhancement (3)

**Additional Requirements: 12-18 Hours**
- **BS 113/013** Anatomy & Physiology I (3)
- **BS 114/014** Anatomy & Physiology II (3)
- **CH 180** Chemistry in Our World (3)
  **OR**
  **CH 181** Basic Principles of Chemistry (5)
- **MA 134** College Algebra (3)
- **PH 106** Physical Concepts (3)*
- **PY 101** Psych Perspect/Human Behav (3)*

*Students choosing the General Earth Science specialization may elect to substitute a minor for the 22 hour elective sequence.*
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*Required for Athletic Training Option only

HISTORIC PRESERVATION
60 Hour Major – No Minor Required

HISTORIC PRESERVATION REQUIREMENTS

Required Courses:
- GH 315 Historiography (3)
- HP 007 Professional Portfolio Review (0)
- HP 100 Intro to Historic Preservation (3)
- HP 200 Intro to Techniques of Local History (3)
- HP 585 History of American Architecture (3)
- HP 588 Legal & Econ Prin of Historic Preserv (3)

Choose 9 Hours From:
(3 Hours Must be a Problems Course)
- HP 405 Archives & Spec Collections Studies (3)
- HP 407 Problems in Archives & Spec Coll Mgt
- HP 410 Museum Studies (3)
- HP 417 Problems in Appl Museum Studies (3)
- HP 420 Historic Site Administration (3)
- HP 425 Problems in Historic Site Admin (3)
- HP 450 Problems in Historic Preservation (3)

Choose 9 Hours From:
- HP 500 Historic Preservation Internship I (3)
- HP 501 Historic Preservation Internship II (6)
- HP 502 Historic Preservation Internship III (9)

INTERDISCIPLINARY PRESERVATION REQUIREMENTS

Choose 6 Hours From:
Any EH, GH, US, or WH 200-500 level course

Choose 3 Hours From:
Any EH, GH, US, or WH 400-500 level course

Choose 9 Hours From:
AD 101 Intro to Microcomputer Appl (3)
AM 200 Intro to American Studies (3)
AR 207 Practical Drawing (3)
BL 255 Legal Environment of Business (3)
HI 104 Housing & Interior Design (3)
UI 351 Public Opinion (3)
UI 371 Government & Business (3)
UI 400 Business & Ethics (3)
UI 425 Persuasion (3)
TG 100 Intro to Drafting (3)
TG 126 Computer Assisted Drafting (3)
TG 274 Photography Fundamentals (3)
TH 101 Acting for Non-Majors (3)

Choose 6 Hours From:
AH 511 American Art (3)
HI 532 History of Furniture II (3)
UI 302 Westward Movement (3)
UI 312 Perspectives on the Present (3)
UI 313 African-American Experience (3)
UI 337 Issues in 20th Cent Architecture (3)
UI 338 Rural Sociology (3)
UI 339 North American Indian (3)
UI 340 Housing Perspectives (3)
UI 341 Victorian Studies (3)
UI 347 Living in a Global Society (3)
UI 401 American Cultural Landscapes (3)
UI 414 The American Temper (3)
UI 417 Images of Britain (3)
UI 44x Civil Rights Movement (3)

Choose 3 Hours From:
AN 321 Midwestern Archaeology (3)
AN 381 North American Archaeology (3)
AN 540 Cultural Resource Mgt (3)
AN 550 Historical Archaeology (3)
HP 552 Historic Preservation Field School (3)
UI 373 Historical Geology (3)

Additional Requirements: 30 Hours
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(Courses may also meet University Studies Requirements)

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<td>BS 105</td>
<td>Environmental Biology (3)</td>
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<td>EC 101</td>
<td>Economic Problems &amp; Policies (3)</td>
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<td>PS 103</td>
<td>U.S. Political Systems (3)</td>
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<tr>
<td>US 105</td>
<td>American History I (3)</td>
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<td>US 107</td>
<td>American History II (3)</td>
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Any Logical Systems course

Choose 3 Hours From:

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<td>AR 112</td>
<td>Perspectives in Art (3)</td>
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<tr>
<td>PL 203</td>
<td>Aesthetics &amp; the Arts (3)</td>
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Choose 3 Hours From:

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<tr>
<td>AN 100</td>
<td>Found of Human Behavior (3)</td>
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<tr>
<td>PL 204</td>
<td>Ethical Theory (3)</td>
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<tr>
<td>PY 101</td>
<td>Psych Perspect on Human Behav (3)</td>
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<td>PY 151</td>
<td>Social Decision Making (3)</td>
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Choose 3 Hours From:

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<td>GG 140</td>
<td>The Physical Landscape (3)</td>
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<tr>
<td>GO 150</td>
<td>Earth Science: Environ Hazards (3)</td>
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Choose 3 Hours From:

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<td>PL 245</td>
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<td>SO 102</td>
<td>Society, Culture &amp; Soc Behavior (3)</td>
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<td>SO 120</td>
<td>Cities &amp; Society (3)</td>
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<td>SW 207</td>
<td>Understanding Soc/Cul Diversity (3)</td>
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HUMAN ENVIRONMENTAL STUDIES:

CHILD DEVELOPMENT OPTION

50 Hour Major - No Minor Required

Required Courses:

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>CF 102</td>
<td>Personal &amp; Family Relationships (2)</td>
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<tr>
<td>CF 120</td>
<td>The Child: Devel/Conception to Adolsc (3)</td>
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<tr>
<td>CF 126</td>
<td>Facilitating Devel in Young Children (3)</td>
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<tr>
<td>CF 200</td>
<td>Guiding Alternatives/Young Children (3)</td>
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<tr>
<td>CF 290</td>
<td>Preschool Participation (2)</td>
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<tr>
<td>CF 291</td>
<td>Preschool Participation Lab (1)</td>
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<tr>
<td>CF 300</td>
<td>Working With Parents (2)</td>
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<tr>
<td>CF 301</td>
<td>Working With Parents Lab (1)</td>
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<tr>
<td>CF 316</td>
<td>Prenat/Infnt Growth &amp; Stimulation (2)</td>
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<tr>
<td>CF 317</td>
<td>Prenat/Infnt Growth &amp; Stimulation Lab (1)</td>
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<tr>
<td>CF 403</td>
<td>Child &amp; Family Practicum (3)</td>
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<td>Parnt Child Intractns: Systems Appr (3)</td>
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<td>CF 450</td>
<td>Teaching Young Children, Ages 3-5 (3)</td>
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<td>CF 501</td>
<td>Preschool Practicum (3)</td>
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<tr>
<td>CF 512</td>
<td>Utiliz Family/Community Resources (3)</td>
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<tr>
<td>EX 390</td>
<td>Psych &amp; Educ of the Exceptional Child (3)</td>
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<tr>
<td>FN 425</td>
<td>Hlth/Nutrition/Safety of Young Child (3)</td>
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<tr>
<td>CF 312</td>
<td>Organiz &amp; Mgt of Childcare Centers (3)</td>
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<tr>
<td>CF 409</td>
<td>School Age Child Care (3)</td>
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<td>CF 502</td>
<td>Preschool Children/Comptr Techn (3)</td>
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<td>CF 506</td>
<td>Theories &amp; Issues in Child Dvlp-mnt (3)</td>
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<td>CF 509</td>
<td>Child Life Services (3)</td>
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<td>CF 530</td>
<td>Research &amp; Issues in Child Dvlp-mnt (3)</td>
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<tr>
<td>FN 205</td>
<td>Food Selection &amp; Preparation (3)</td>
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<tr>
<td>FN 255</td>
<td>Nutrition I (3)</td>
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<td>FN 320</td>
<td>Advanced Food Preparation (4)</td>
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<td>FN 340</td>
<td>Professional Dietetic Seminar (1)</td>
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<td>FN 355</td>
<td>Lifespan Nutrition (3)</td>
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<td>FN 370</td>
<td>Nutrition Assessment (3)</td>
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<td>FN 406</td>
<td>Hospitality &amp; Institution Admin (3)</td>
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<tr>
<td>FN 416</td>
<td>Quantity Food Production (4)</td>
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<td>FN 440</td>
<td>Procurement (3)</td>
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</table>
### Bachelor Of Science Degree

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- **Additional Requirements: 53 Hours**
  - (Some courses may fulfill University Studies requirements)
  - AC 221  Prin of Financial Accounting (3)
  - AD 101  Intro to Microcomputer Appl (3)
  - AG 201  World Food & Society (3)
  - BS 113  Anatomy & Physiology I (3)
  - BS 114  Anatomy & Physiology II (3)
  - BS 340  Microorganisms/Human Host (3)
  - CH 181  Basic Prin of Chemistry (5)
  - CH 234  Organic & Biol Chemistry (3)
  - EN 140  Rhetoric & Critical Thinking (3)
  - FN 235  Nutrition for Health (3)
  - HL 331/031  Exercise Physiology (3)
  - MA 134  College Algebra (3)
  - MK 301  Principles of Marketing (3)
  - PY 101  Psych Perspectives/Human Behavior (3)
  - PY 271  Research Methods (3)
  - SC 105  Fundamentals of Oral Communication (3)
  - SO 102  Society, Culture & Social Behavior (3)
  - CF 402  Marriage Interaction (3)
  - CF 403  Child & Family Practicum (3)
  - CF 512  Utiliz Family & Community Resources (3)
  - CT 518  Social Psych Aspects of Clothing (3)
  - FE 514  Family Financial Management (3)
  - FN 235  Nutrition for Health (3)
  - HI 518  Environ Design/Soc Populations (3)
  - SC 155  Fund of Interpers Communication (3)
  - SO 385  Family Violence (3)
  - UI 317  Human Sexuality (3)
  - UI 355  Consumer & the Market (3)

**HUMAN ENVIRONMENTAL STUDIES: FAMILY LIFE OPTION**

- **50 Hour Major - Minor Required**

**Required Courses:**
- CF 102  Personal & Family Relationships (2)
- CF 120  The Child: Devel/Conception to Adolsc (3)
- CF 206  Intro to Gerontology (3)
- CF 207  Eldercare Experiences (3)
- CF 208  Intimate Environment (3)
- CF 300  Working with Parents (2)
- CF 301  Working with Parents Lab (1)
- CT 110  Intro to Fashion Merchandising (3)
- CT 207  Textiles (3)
- CT 230  Apparel Analysis (3)
- CT 300  Professional Image & Behavior (2)
- CT 350  Apparel Aesthetics (3)
- CT 410  Internship (6)
- CT 415  Fashion Retailing (3)
- CT 420  Specialty Markets (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)

**Additional Requirements: 15 Hours**

- AD 101  Intro to Microcomp Appl (3)
- AR 104  Design Foundations (3)
- EC 101  Economic Problems & Policies (3)
- MG 301  Management & Organiz Behav (3)
- MG 356  Human Resources Management I (3)
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HUMAN ENVIRONMENTAL STUDIES: HOUSING & INTERIOR DESIGN OPTION
45 Hour Major - No Minor Required

Required Courses:
- CT 207 Textiles I (3)
- HI 104 Housing & Interior Design I (3)
- HI 220 Lighting & Interior Design (3)
- HI 224 Design Illustration (3)
- HI 230 Residential Interior Design I (3)
- HI 370 Materials & Cost Estimating (3)
- HI 420 Prof Practice/Interior Design (3)
- HI 430 Residential Interior Design II (3)
- HI 440 Contract Interior Design I (3)
- HI 442 Contract Interior Design II (3)
- HI 470 Interior Design Practicum (3)
- HI 530 History of Furniture I (3)
- HI 532 History of Furniture II (3)
- UI 340 Housing Perspectives (3)

Choose 3 Hours From:
- HI 214 Display Design (3)
- HI 400 Arch Rendering/Interior Design (3)
- HI 411 Internship in Housing & Int Design (3)
- HI 518 Environ Design/Spec Populations (3)

Additional Requirements: 20-21 Hours
- AR 104 Design Foundations (3)
- MK 301 Principles of Marketing (3)
- TG 100 Intro to Drafting (3)
- OR
- TG 120 Engineering Graphics (3)
- TG 126 Computer Assisted Drafting (3)
- TG 320 Architectural Drawing I (3)
- TG 322 Architectural Drawing II (3)

Choose One of the Following Courses:
- HO 330 Landscape Planting Design (3)
- HO 355 Foliage Plants (3)
- HO 530 Home Horticulture (2)
- HP 585 History/American Architecture (3)

78 Hour Major - No Minor Required

Required Courses:
- IM 102 Technical Communication (3)
- IM 211 Industrial Safety Supervision (3)
- IM 311 Statistical Process Control (3)
- MA 133 Plane Trigonometry (2)
- MA 134 College Algebra (3)
- MA 139 Applied Calculus (3)
- MN 260 Tech Computer Programming Appl (3)
- PH 120 Introductory Physics I (5)
- PH 121 Introductory Physics II (5)
- OR
- CH 181 Basic Principles of Chemistry (5)*
- UI 319 Technology & Society (3)
- UI 410 Manufac Research/Global Society (3)

*Construction Management and Design and Industrial Management options must take CH181.

Choose One Option:
CONSTRUCTION MANAGEMENT & DESIGN (39 Hours)

- CM 310 Construction Contracts & Bldg Codes (3)
- CM 320 Construction Cost Estimating (3)
- CM 330 Construction Planning Scheduling (3)
- CM 342 Construction Technology (3)
- CM 410 Construction Project Administration (3)
- ET 261 Residential Wiring (3)
- IM 317 Internship (6)
- MN 319 Statics & Strength of Materials (3)
- TG 100 Introduction to Drafting (3)
- TG 126 Computer Aided Drafting (3)
- TG 320 Architectural Drafting I (3)
- TG 322 Architectural Drafting II (3)

INDUSTRIAL TECHNOLOGY
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ELECTRONICS & COMPUTER TECHNOLOGY (39 Hours)

<table>
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<tr>
<td>ET 162</td>
<td>DC/AC Principles &amp; Circuits I (3)</td>
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<tr>
<td>ET 164</td>
<td>DC/AC Principles &amp; Circuits II (3)</td>
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<tr>
<td>ET 194</td>
<td>Intro to PLC’s (3)</td>
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<td>ET 260</td>
<td>Electronic Circ Design &amp; Analysis I (3)</td>
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<tr>
<td>ET 262</td>
<td>Electronic Circ Design &amp; Analysis II (3)</td>
</tr>
<tr>
<td>ET 364</td>
<td>Logic Circuits (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EP 305</td>
<td>Digital &amp; Analog System Design (3)</td>
</tr>
<tr>
<td>ET 365</td>
<td>Industrial Electrical Power (3)</td>
</tr>
<tr>
<td>ET 366</td>
<td>Microcontrollers (3)</td>
</tr>
<tr>
<td>ET 368</td>
<td>Advanced Digital Principles (3)</td>
</tr>
<tr>
<td>ET 462</td>
<td>Networking I (3)</td>
</tr>
<tr>
<td>ET 464</td>
<td>Telecommunications &amp; Networking I (3)</td>
</tr>
<tr>
<td>ET 465</td>
<td>Computer Peripherals (3)</td>
</tr>
<tr>
<td>ET 468</td>
<td>Industrial Controls (3)</td>
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TECHNICAL GRAPHICS (39 Hours)

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>TG 120</td>
<td>Computer Aided Eng. Graphics (3)</td>
</tr>
<tr>
<td>TG 125</td>
<td>Print Reading for Industry (3)</td>
</tr>
<tr>
<td>TG 170</td>
<td>Intro to Graphics (3)</td>
</tr>
<tr>
<td>TG 220</td>
<td>Solid Modeling &amp; Rapid Prototyping (3)</td>
</tr>
<tr>
<td>TG 272</td>
<td>Electronic Publishing (3)</td>
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<tr>
<td>TG 320</td>
<td>Architectural Design I (3)</td>
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<tr>
<td>TG 322</td>
<td>Architectural Design II (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>TG 274</td>
<td>Photography Fundamentals (3)</td>
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<tr>
<td>TG 324</td>
<td>Design Modeling &amp; Processes (3)</td>
</tr>
<tr>
<td>TG 326</td>
<td>Industrial Production Drafting (3)</td>
</tr>
<tr>
<td>TG 374</td>
<td>Digital Imaging &amp; Editing (3)</td>
</tr>
<tr>
<td>TG 376</td>
<td>Multimedia &amp; Animation (3)</td>
</tr>
<tr>
<td>TG 422</td>
<td>Multicolor Print Processes (3)</td>
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<tr>
<td>TG 472</td>
<td>Advanced Graphics Projects (3)</td>
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</tbody>
</table>

TECHNOLOGY (34 Hours)

The Technology option is specifically designed for students who have earned accredited Associate of Applied Science degrees in technically-oriented programs and desire to complete a Bachelor of Science degree in Industrial Technology. Students will be awarded up to 34 hours for the approved technical transfer courses. To complete the BS degree, students must complete the University Studies requirements and the Industrial Technology core courses. In addition, students will select 18 credit hours of technical electives (at least 15 hours at the senior division level) to build upon the skills gained through the AAS degree. Contact the Department of Industrial and Engineering Technology or see http://www4.semo.edu/iet/technology.htm for further information.

INTERDISCIPLINARY STUDIES

76 Hour Major - No Minor Required
For details about the Interdisciplinary Studies major, students contact the School of University Studies or visit the School of University Studies web page at http://ustudies.semo.edu/content/. Students must complete the contract prior to the junior year. A cumulative GPA of 2.5 is required for graduation.

MANUFACTURING ENGINEERING TECHNOLOGY
87-89 Hour Major - No Minor Required
### Math and Science Requirements:

<table>
<thead>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>CH 181</td>
<td>Basic Principles of Chemistry (5)</td>
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<tr>
<td>MA 133</td>
<td>Plane Trigonometry (2)</td>
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</tr>
<tr>
<td>MA 134</td>
<td>College Algebra (3)</td>
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</tr>
<tr>
<td>MA 139</td>
<td>Applied Calculus (3)</td>
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</tr>
<tr>
<td>MA 140</td>
<td>Analytic Geometry &amp; Calculus I (5)</td>
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<tr>
<td>MA 223</td>
<td>Elementary Probability &amp; Statistics (3)</td>
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</tr>
<tr>
<td>MN 260</td>
<td>Techncl Computer Programng</td>
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<tr>
<td></td>
<td>Appl (3)</td>
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<tr>
<td>PH 120</td>
<td>Introductory Physics I (5)</td>
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<tr>
<td>PH 121</td>
<td>Introductory Physics II (5)</td>
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### Technical Requirements:

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<tr>
<td>ET 160</td>
<td>Basic Electricity &amp; Electronics (3)</td>
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<tr>
<td>ET 194</td>
<td>Intro to PLC’s (3)</td>
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<tr>
<td>IM 102</td>
<td>Technical Communications (3)</td>
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<tr>
<td>IM 211</td>
<td>Industrial Safety Supervision (3)</td>
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</tr>
<tr>
<td>IM 311</td>
<td>Statistical Process Control (3)</td>
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<tr>
<td>IM 417</td>
<td>Manufacturing Resource Analysis (3)</td>
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<tr>
<td>MN 170</td>
<td>Industrial Materials &amp; Testing (3)</td>
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<td>MN 203</td>
<td>Industrial Materials &amp; Processes I (3)</td>
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<td>MN 204</td>
<td>Industrial Materials &amp; Processes II (3)</td>
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<tr>
<td>MN 220</td>
<td>Engineering Economic Analysis (3)</td>
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</tr>
<tr>
<td>MN 319</td>
<td>Statics &amp; Strengths of Materials (3)</td>
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<tr>
<td>MN 354</td>
<td>Computer Aided Manufacturing</td>
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</tr>
<tr>
<td></td>
<td>(CAM) (3)</td>
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<tr>
<td>MN 356</td>
<td>Robotics (3)</td>
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<tr>
<td>MN 383</td>
<td>Fluid Power (3)</td>
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<tr>
<td>MN 402</td>
<td>Plastics &amp; Processes (3)</td>
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<tr>
<td>MN 412</td>
<td>Advanced Manufacturing Systems (3)</td>
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<td>MN 416</td>
<td>Manufacturing Seminar (1)</td>
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<td>TG 120</td>
<td>Computer Aided Eng. Graphics (3)</td>
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<tr>
<td>TG 220</td>
<td>Solid Modeling &amp; Rapid Prototyping</td>
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<tr>
<td></td>
<td>(3)</td>
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<tr>
<td>UI 410</td>
<td>Manufacturing Research (3)</td>
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</table>

### MASS COMMUNICATION

- **34 Hour Major - Minor to be chosen from list of approved minors.**
- A grade of 'C' or better is required in all courses within the major except MC 486 which is a credit/no credit course.

#### Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MC 101</td>
<td>Mass Communication &amp; Society (3)</td>
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<tr>
<td>MC 201</td>
<td>Writing for the Mass Media (3)</td>
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<tr>
<td>MC 301</td>
<td>Mass Comm Theory &amp; Resrch (3)</td>
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<tr>
<td>MC 401</td>
<td>Communication Law (3)</td>
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<tr>
<td>MC 402</td>
<td>Seminar in Mass Communication (1)</td>
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<tr>
<td>MC 486</td>
<td>Internship in Mass Communication (3)</td>
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<tr>
<td></td>
<td>OR</td>
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</tr>
<tr>
<td>MC 491-496</td>
<td>Practicum (3)</td>
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#### Additional Requirement:

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>MA 155</td>
<td>Statistical Reasoning (3)*</td>
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</tr>
<tr>
<td>UI 382</td>
<td>Hist &amp; Phil of American Mass Media (3)*</td>
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</tr>
</tbody>
</table>

A grade of 'C' or better is required in MA 155 and UI 382.

Choose One 15 Hour Option:

### ADVERTISING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MC 310</td>
<td>Advertising Principles (3)</td>
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<tr>
<td>MC 312</td>
<td>Advertising Techniques I (3)</td>
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</tr>
<tr>
<td>MC 314</td>
<td>Advertising Tech: Copy Writing (3)</td>
<td></td>
</tr>
<tr>
<td>MC 416</td>
<td>Advertising Media (3)</td>
<td></td>
</tr>
<tr>
<td>MC 418</td>
<td>Advertising Campaigns (3)</td>
<td></td>
</tr>
</tbody>
</table>

Choose a minor in: Art, Communication for Legal Professionals, Foreign Language, Graphic Communication Technology, Psychology: General, Retail Management, Sales Management, Sociology, or Writing.
PUBLIC RELATIONS

MC 322  Publication Editing & Production (3)
MC 330  Public Relations Principles (3)
MC 332  Publicity Techniques (3)
MC 434  Public Relations Case Studies (3)
MC 4xx  Public Relations Campaign (3)

Choose a minor in: Art, Communication for Legal Professionals, Foreign Language, Graphic Communication Technology, International Studies, Political Science, Psychology, Sales Management, or Writing.

RADIO

MC 340  Basic Radio (3)
MC 342  Radio Programming Strategies (3)
MC 344  Audio Production & Performance (3)
MC 346  Electronic News Gathering (3)
MC 448  Radio Station Administration (3)


VIDEO PRODUCTION

MC 351  Basic Video Production (3)
MC 352  Video Post Production (3)
MC 458  Advanced Video Production (3)
MC 466  TV Directing (3)
MC 467  Television Systems (3)


NOTE: Mass Communication majors are limited to 34 hours in MC prefix courses. Of the 90 hours required outside of the major, 65 hours must be from traditional Arts and Science courses.

MATHEMATICS

43 Hour Major - No Minor Required

Required Courses:

MA 138  Discrete Mathematics I (3)
MA 140  Analytic Geometry & Calculus I (5)
MA 145  Analytic Geometry & Calculus II (4)
MA 240  Analytic Geometry & Calculus III (3)
MA 250  Foundations of Mathematics (3)
MA 448  Mathematics Seminar (1)

Choose one option:

PURE MATHEMATICS (24 Hours)

MA 345  Linear Algebra (3)
MA 445  Modern Algebra (3)
MA 523  Probability & Stats I (3)
MA 546  Advanced Calculus I (3)

Choose 12 Hours MA courses higher than MA 250
One course must be chosen from MA 524, MA 540, MA 544, MA 545, MA 547, MA 550

APPLIED MATHEMATICS & STATISTICS (24 Hours)

MA 223  Elem Probability & Statistics (3)

Choose 3 Hours From:

MA 445  Modern Algebra (3)
MA 523  Probability & Stats I (3)
MA 546  Advanced Calculus I (3)

Choose 15 Hours From (include at least 3 MA courses):

MA 245  Vector Calculus (2)
MA 334  Computer Programming (3)
MA 338  Discrete Math II (3)
MA 345  Linear Algebra (3)
MA 350  Differential Equations I (3)
MA 464  Math Cryptography (3)
MA 523  Probability & Stats I (3)
MA 524  Probability & Stats II (3)
MA 544  Numerical Analysis (3)
MA 545  Linear Algebra & Matrices (3)
MA 546  Advanced Calculus I (3)
Bachelor Of Science Degree
Southeast Missouri State University 2003-04

Choose 3 Hours From:

- **MEDICAL TECHNOLOGY**
  - **73-77 Hour Major - No Minor Required**
  - **Required Courses:**
    - BI 200: General Microbiology (3)
    - BI 381: Genetics (3)
    - BI 442: Immunology (3)
    - BI 543: Pathogenic Microbiology (2)
    - BI 544: Pathogenic Microbiology Laboratory (1)
    - BS 103: Human Biology (3)
    - OR
    - BS 108: Biology for Living (3)
    - OR
    - BI 190: Life Processes (4)
    - CH 185: General Chemistry I (5)
    - CH 186: General Chemistry II (3)
    - CH 187: Quantitative Analysis (2)
    - CH 271: Organic Chemistry I (4)
    - CH 341: Organic Chemistry II (3)
    - CH 342: Organic Chemistry Lab I (1)

- **PHYSICS**
  - **56 Hour Major - No Minor Required**
  - **Required Courses:**
    - MA 134: College Algebra or H.S. equiv (0-3)
    - MA 223: Elem Probability & Statistics (3)
    - ZO 331: Animal Physiology (3)
    - OR
    - BS 332: Human Physiology (3)
    - UI 331: Biochemistry I (3)

  - **Clinical Year Program Off Campus (30 Hours)**

  - **MEDICAL TECHNOLOGY**
    - **73-77 Hour Major - No Minor Required**
    - **Required Courses:**
      - MA 547: Advanced Calculus II (3)
      - MA 550: Differential Equations II (3)
      - MA 580: Exp Design & Anlys of Variance (3)
      - UI 388: Mathematical Modeling (3)
      - CH 311: Physical Chemistry I (4)
      - CH 312: Physical Chemistry II (3)
      - CS 345: Found of Computer Sci (3)
      - EP 261: Eng Mech Statics (3)
      - EP 262: Eng Mech Dynamics (3)
      - EP 361: Thermal Analysis (3)
      - EP 374: Control Systems (3)
      - PH 341: Optics (3)
      - PH 370: Mechanics (3)
      - PH 371: Electromagnetics (3)
      - PH 570: Mathematical Physics (3)
      - MA 524: Probability & Stats II (3)
      - MA 544: Numerical Analysis (3)
      - MA 545: Linear Algebra & Matrices (3)
      - MA 547: Advanced Calculus II (3)
      - MA 550: Differential Equations II (3)
      - MA 134: College Algebra or H.S. equiv (0-3)
      - MA 223: Elem Probability & Statistics (3)
      - ZO 331: Animal Physiology (3)
      - OR
      - BS 332: Human Physiology (3)
      - UI 331: Biochemistry I (3)

      - **Choose 12 Hours Approved EP or PH Electives**

  - **Additional Requirements: 25 Hours**
    - CH 185: General Chemistry I (5)
    - MA 140: Analytic Geometry & Calculus I (5)
    - MA 145: Analytic Geometry & Calculus II (4)
    - MA 240: Analytic Geometry & Calculus III (3)
    - MA 245: Vector Calculus (2)
    - MA 334: Computer Programming (3)
    - MA 350: Differential Equations (3)
# Bachelor Of Science Degree

**Southeast Missouri State University 2003-04**

## POLITICAL SCIENCE
36 Hour Major - Minor Required

### Required Courses:
- PS 103  U.S. Political Systems (3)
- PS 104  Comparative Political Systems (3)
- PS 240  Intro to Political Science (3)
- PS 470  Politics of the Developed World (3)

**Choose 21 Hours From the Following Categories:**
(Select 3 Hours from Each of the Five Categories, plus 6 Additional Hours From One Category)

### American Government & Politics
- PS 230  American Public Policy (3)
- PS 310  Govt & Politics in American States (3)
- PS 330  American Presidency (3)
- PS 335  American Foreign Policy (3)
- PS 360  Political Parties & Voting Behavior (3)
- PS 365  Legislative Process (3)
- PS 387-389  Independent Study (1-3)
- PS 390  American Judicial System (3)
- PS 418  Public Policy Analysis (3)
- PS 420  Food & Rural Policy in the U.S. (3)
- PS 490  Constitutional Law (3)
- UI 320  Modern Presidency (3)
- UI 4xx  Contemp Political/Social Issues (3)

### Comparative Government & Politics
- PS 355  Third World Politics (3)
- PS 387-389  Independent Study (1-3)
- PS 450  Govt & Pol East/Central Europe (3)
- PS 460  Govt & Politics West Europe (3)
- PS 570  Comparative Government (3)
- UI 350  Middle East Politics (3)

### International Politics
- PS 280  Intro to Global Issues (3)
- PS 335  American Foreign Policy (3)
- PS 380  International Organizations (3)
- PS 387-389  Independent Study (1-3)
- PS 580  International Politics (3)
- PS 595  International Law (3)
- UI 322  International Political Economy (3)
- UI 350  Middle East Politics (3)

### Public Administration
- PI 381-383  Internship in Political Science (1-3)
- PS 230  American Public Policy (3)
- PS 384-386  Internship in Political Science (3)
- PS 387-389  Independent Study (1-3)
- PS 402  Fund of Public Administration (3)
- PS 403  Public Personnel Administration (3)
- PS 415  Government Budgeting Process (3)
- PS 418  Public Policy Analysis (3)
- PS 420  Food & Rural Policy in the U.S. (3)
- PS 425  Administrative Law & Procedure (3)

### Political Theory
- PS 387-389  Independent Study (1-3)
- PS 440  Political Theory (3)
- UI 342  Modern Political Thought (3)
- UI 357  Early American Political Thought (3)
- UI 358  Foundations of Political Thought (3)
- UI 361  Contemporary Political Theory (3)
- UI 440  The Holocaust (3)

**Choose 6 Hours PS Electives**

**Additional Requirements: 8-11 Hours**
- AD 101  Intro to Microcomp Appl (3)
- MA xxx  5 Hours MA 133 or above (5)
  - except MA 230, 318, 418

**Choose 3 Hours From:**
- MA 223  Elem Probability & Statistics (3)
- PY 271  Research Design & Analysis I (3)
- PY 571  Intro to Behavioral Statistics (3)
<table>
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<tr>
<th>Course Code</th>
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<td>SO 242</td>
<td>Statistics for Social Scientists</td>
<td>3</td>
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<td>PY 102</td>
<td>Intro to Psychology</td>
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<td>PY 271</td>
<td>Research Design &amp; Analysis I</td>
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<td>PY 370</td>
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<td>PY 484</td>
<td>Advanced Research in Psychology</td>
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<td>PY 497</td>
<td>Historical Development of Psychology</td>
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<tr>
<td>PY 362</td>
<td>Learning &amp; Memory</td>
<td>3</td>
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<tr>
<td>PY 366</td>
<td>Intro to Sensation &amp; Perception</td>
<td>3</td>
</tr>
<tr>
<td>PY 466</td>
<td>Intro to Physiological Psychology</td>
<td>3</td>
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<tr>
<td>PY 432</td>
<td>Intro to Personality</td>
<td>3</td>
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<tr>
<td>PY 440</td>
<td>Abnormal Psychology</td>
<td>3</td>
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<tr>
<td>PY 441</td>
<td>Intro to Clinical Psychology</td>
<td>3</td>
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<tr>
<td>PY 353</td>
<td>Social Cognition</td>
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<td>PY 460</td>
<td>Cognitive Processes</td>
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<td>PY 120</td>
<td>The Child: Devel/Concept to Adolesc</td>
<td>3</td>
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<td>PY 220</td>
<td>Psychological Devel Across Life Span</td>
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<td>PY 222</td>
<td>Development of the Adolescent</td>
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<tr>
<td>PY 525</td>
<td>Maturity &amp; Aging</td>
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<tr>
<td>PY 250</td>
<td>Applied Psychology</td>
<td>3</td>
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<tr>
<td>PY 251</td>
<td>Industrial/Organizational Psychology</td>
<td>3</td>
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<tr>
<td>PY 358</td>
<td>Social Psychology</td>
<td>3</td>
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<tr>
<td>PY 362</td>
<td>Learning &amp; Memory</td>
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<td>PY 366</td>
<td>Intro to Sensation &amp; Perception</td>
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<td>PY 465</td>
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<td>PY 432</td>
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<td>PY 495</td>
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<td>PY 543</td>
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<td>PY 521</td>
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<td>PY 525</td>
<td>Maturity &amp; Aging</td>
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<td>PY 529</td>
<td>Psychology of Death &amp; Dying</td>
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<td>Social Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
**Bachelor Of Science Degree**

*Southeast Missouri State University 2003-04*

<table>
<thead>
<tr>
<th>RECREATION</th>
<th>57 Hour Major - No Minor Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses:</td>
<td></td>
</tr>
<tr>
<td>RC 100</td>
<td>Leisure in a Diverse Culture (3)</td>
</tr>
<tr>
<td>RC 140</td>
<td>Intro to Recreation Services (3)</td>
</tr>
<tr>
<td>RC 220</td>
<td>Leadership and Group Dynamics (3)</td>
</tr>
<tr>
<td>RC 260</td>
<td>Intro to Therapeutic Recreation (3)</td>
</tr>
<tr>
<td>RC 288</td>
<td>Practicum in Recreation Services (3)</td>
</tr>
<tr>
<td>RC 303</td>
<td>Research Methods (3)</td>
</tr>
<tr>
<td>RC 380</td>
<td>Programming for Recreation Services (3)</td>
</tr>
<tr>
<td>RC 385</td>
<td>Rec Facilities Planning &amp; Mgmt (3)</td>
</tr>
<tr>
<td>RC 405</td>
<td>Trends &amp; Issues in Rec &amp; Leisure (3)</td>
</tr>
<tr>
<td>RC 420</td>
<td>Organization &amp; Admin of Rec Svs (3)</td>
</tr>
<tr>
<td>RC 440</td>
<td>Facilitation of Group Development (3)</td>
</tr>
<tr>
<td>RC 497</td>
<td>Recreation Internship (12)</td>
</tr>
</tbody>
</table>

**Choose 12 Hours From:**

| RC 112 | Music as Therapy (3) |
| RC 116 | Special Topics in Health & Leisure (1-3) |
| RC 119 | Outdoor Adventure Special Topics (1-3) |
| RC 210 | Camp Leadership (3) |
| RC 230 | Recreational Sports (3) |
| RC 245 | Mentoring Principles & Practices (3) |
| RC 250 | Foundations of Outdoor Recreation (3) |
| RC 270 | Commercial Recreation (3) |
| RC 300 | Leisure Education (3) |
| RC 316 | Special Topics in Health & Leisure (1-3) |

| RC 324 | Independent Study/Therapeutic Rec (3) |
| RC 345 | Youth Development Through Leisure (3) |
| RC 360 | Therapeutic & Adapted Rec Srvcs (3) |
| RC 450 | Outdoor Adventure Therapy (3) |
| RC 460 | Problems & Issues in Therapeutic Rec (3) |
| UI 354 | Lifestyle Enhancement (3) |
| UI 387 | Environ Law & Public Policy (3) |
| UI 427 | Service & Community (3) |
| UI 429 | Environmental Ethics (3) |

**SOCIAL WORK**

54 Hour Major - No Minor Required

*(See Admission to Social Work Program criteria under Admissions, page xx. A grade of ‘C’ or better is required in all courses within the major including additional requirements.)*

**Required Courses:**

| SW 110 | Intro to Social Work (3) |
| SW 207 | Undrstndg Cultrl & Soc Diversity (3) |
| SW 2xx | Social & Economic Justice (3) |
| SW 2xx | Interviewing Skills for Generalist Pract (3) |
| SW/SO/AN242 | Statistics for Social Scientists (3) |

**OR**

| PY 271 | Research Design & Analysis I (3) |
| SW 307 | Human Behav/Social Environment I (3) |
| SW 308 | Human Behav/Social Environment II (3) |
| SW 310 | Social Welfare Policies & Services (3) |
| SW 321/021 | Social Work Practice I (3) |
| SW 322/022 | Social Work Practice II (3) |
| SW 323 | Social Work Practice III (3) |
Bachelor of Science in Business Administration Degree

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Choose 6 Hours From:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 342</td>
<td>Meth of Soc Resrch/Soc Work Practc (3)</td>
<td></td>
</tr>
<tr>
<td>SW 449</td>
<td>Social Work Integrative Seminar (3)</td>
<td></td>
</tr>
<tr>
<td>SW 450</td>
<td>Practicum in Social Work (6)</td>
<td></td>
</tr>
<tr>
<td>SW 451</td>
<td>Practicum in Social Work (6)</td>
<td></td>
</tr>
</tbody>
</table>

SW 351     Child Welfare Services (3)
SW 352     Social Welfare Services to the Aged (3)
SW 355     Special Topics in Social Work (3)
SW 387-389  IndependentStudyInSocialWork (1-3)
SW 550     Management Supervision (2)

(With approval from advisor, one other 300 or 400 level course may be substituted for a Social Work elective.)

Additional Requirements: 9 Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SW/BS 103</td>
<td>Human Biology (3)</td>
<td></td>
</tr>
<tr>
<td>PY 101</td>
<td>Psych Perspectives/Human Behavior (3)</td>
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</tr>
<tr>
<td>SO 102</td>
<td>Society, Culture &amp; Social Behavior (3)</td>
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</table>

SOCIOLOGY

30-33 Hour Major - Minor Required

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SO 200</td>
<td>Intro to Social Organization (3)</td>
<td></td>
</tr>
<tr>
<td>SO 242</td>
<td>Statistics for Social Scientists (3)</td>
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<tr>
<td>SO 345</td>
<td>Methods of Social Research (3)</td>
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</tr>
<tr>
<td>SO 490</td>
<td>Development of Sociological Theory (3)</td>
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</tr>
<tr>
<td>SO 495</td>
<td>Senior Seminar (3)</td>
<td></td>
</tr>
<tr>
<td>SI 496</td>
<td>Sociology Internship (3-6)</td>
<td></td>
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</tbody>
</table>

Choose a 15 Hours Elective Sequence Approved by Advisor

SPORT MANAGEMENT

40 Hour Major - Business Administration Minor Required

Required Core Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PE 201</td>
<td>Sport &amp; Society (3)</td>
<td></td>
</tr>
<tr>
<td>PE 235</td>
<td>Psychology of Coaching &amp; Human Performance (3)</td>
<td></td>
</tr>
<tr>
<td>PE 238</td>
<td>Foundatns, History, Philosophy of Phys Educ &amp; Sport Mgt (3)</td>
<td></td>
</tr>
<tr>
<td>PE 460</td>
<td>Sports Administration I (3)</td>
<td></td>
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<tr>
<td>SM 360</td>
<td>Sport Governance &amp; Event Management (3)</td>
<td></td>
</tr>
<tr>
<td>SM 370</td>
<td>Sport Management Practicum (3)</td>
<td></td>
</tr>
<tr>
<td>SM 455</td>
<td>Sport Related Venue Design &amp; Operation (3)</td>
<td></td>
</tr>
<tr>
<td>SM 465</td>
<td>Sport Management Senior Seminar (1)</td>
<td></td>
</tr>
<tr>
<td>SM 470</td>
<td>Sport Management Internship (12)</td>
<td></td>
</tr>
<tr>
<td>SM 540</td>
<td>Legal Aspects of Sport &amp; Physical Activity (3)</td>
<td></td>
</tr>
<tr>
<td>SM 570</td>
<td>Mgmt &amp; Leadrshp in Sport Orgs (3)</td>
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</tbody>
</table>

Required Support Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC 101</td>
<td>Mass Communication &amp; Society (3)</td>
<td></td>
</tr>
<tr>
<td>PL 204</td>
<td>Ethical Theory (3)</td>
<td></td>
</tr>
<tr>
<td>SC 105</td>
<td>Fund of Oral Communication (3)</td>
<td></td>
</tr>
<tr>
<td>SC 155</td>
<td>Fund of Interpersonal Communication (3)</td>
<td></td>
</tr>
</tbody>
</table>

Bachelor of Science in Business Administration Degree

For students planning careers in business. See Admission to Business Administration Programs criteria under Admissions, page 10. The areas from which majors must be chosen are:

Accounting
Administrative Systems Management Economics
Options: Business Economics
Finance
International Business Management

Financial Economics
Options:
- Human Resource Management
- Operations Management
- Organizational Leadership
- Management Information Systems
- Marketing

Options:
- Integrated Marketing Communications
- Marketing Management
- Organizational Administration

Fifty percent of an individual’s business degree program (62 hours) must be comprised of non-business courses. Fifty percent of the business hours counted toward a business degree must be taken at Southeast Missouri State University.

**BUSINESS ADMINISTRATION CORE**

Business students must be admitted to the College of Business prior to enrolling in upper division (300 level or above) business courses. **33 Hours Required**

(A grade of ‘C’ is required in each core course.)

**Required Courses:**

- AC 221 Principles of Financial Accounting (3)
- AC 222 Principles of Managerial Accounting (3)
- BA 490 Business Policies & Strategies (3)
- BL 255 Legal Environment of Business (3)
- FI 361 Financial Management (3)
- MG 301 Management & Organiz Behav (3)
- MG 358 Production/Operations Management (3)
- MI 375 Management Information Systems (3)
- MK 301 Principles of Marketing (3)
- QM 352 Quantitative Methods in Business (3)

Choose 3 Hours From:

- AC 540 International Perspectives of Accounting (3)
- BA 560 International Business Study Tour (3)
- EC 580 International Economics (3)
- FI 540 International Finance (3)
- MG 560 International Management (3)
- MK 560 International Marketing (3)

* International Course taken to meet Business Administration Core requirement may not be counted on a major.

**Support Courses**

**29-30 Hours Required**

(Some courses may fulfill University Studies requirements. A grade of ‘C’ or better is required in each support course.)

- AD 101 Intro to Microcomputer Applications (3)*
- EC 215 Principles of Microeconomics (3)
- EC 225 Principles of Macroeconomics (3)
- EN 140 Rhetoric & Critical Thinking (3)
- MA 134 College Algebra (3)
- MA 139 Applied Calculus (3)
- MG 252 Business Communication (3)
- QM 257 Business Statistics (3)
- SC 105 Fundamentals of Oral Communication (3)
- UI 400 Business & Ethics (3)

**NOTE:** All 100 and 200 level core and support courses are prerequisite to all 300 level business core and business major courses.

**ACCOUNTING**

**27 Hour Major - No Minor Required**

**Required Courses:**

- AC 321 Intermediate Accounting I (3)
- AC 330 Accounting Information Systems (3)
- AC 331 Cost/Managerial Accounting (3)
- AC 332 Intermediate Accounting II (3)
- AC 435 Income Tax Accounting (3)
- AC 437 Auditing (3)

Choose 9 Hours From:

- AC 339 Managerial Accounting (3)
- AC 375 Financial Statement Analysis (3)
- AC 473 Internship in Accounting (3)
- AC 493 Independent Study in Accounting (3)
- AC 531 Strategic/Cost Managerial Accounting (3)
Bachelor of Science in Business Administration Degree
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NOTE: Students expecting to sit initially for the CPA examination in November 1999 or later must have 150 hours of college credit (undergraduate or undergraduate and graduate combined) and comply with the requirements of the Missouri State Board of Accountancy. Students completing the B.S. B.A. with an accounting major and a total of 150 under graduate hours should meet the academic requirements to sit for the CPA in Missouri, provided 27 hours have been completed in accounting (AC prefix) beyond AC 221 and AC 222 and including at least one course in auditing. BL 455 may also be considered for inclusion in the 27. Although the State of Missouri does not mandate a graduate degree, Southeast offers an accounting track in the MBA program to assist in preparing for the CPA examination and the accounting profession. It should be noted that other professional certification, e.g., CMA, CFM and CIA do not require 150 college credit hours of their candidates at this time. The curricula in accounting/finance assists students in preparing for these professional certifications.

ADMINISTRATIVE SYSTEMS MANAGEMENT
21 Hour Major - No Minor Required

Required Courses:
- AD 222 Microcomputer Appl for Business (3)
- AD 331 Advanced Word Processing (3)
- AD 339 Network Support Systems (3)
- AD 341 Information Systems Procedures (3)
- AD 353 Admin Systems Management (3)

Choose 6 Hours From:
- AC 330 Accounting Information Systems (3)
- AD 323 Admin Information Systems (3)
- AD 337 Admin Systems Mgmnt Internship (3)
- AD 422 Training in Admin Systems (3)
- IS 130 Visual Basic Programming I (3)
- MG 356 Human Resources Management I (3)
- UI 301 Managerial Communication Processes (3)

ECONOMICS
25 Hour Major - No Minor Required

Choose One Option:

BUSINESS ECONOMICS
- EC 360 Managerial Economics (3)
- EC 410 Macroeconomic Theory (3)
- EC 420 Microeconomic Theory (3)
- EC 498 Economics Seminar (1)

Choose 6 Hours From:
- EC 351 Applied Economic Models (3)
- EC 380 Labor Economics (3)
- EC 490 Business & Econ Forecasting (3)
- UI 371 Government & Business (3)

Choose 9 Hours From:
- EC xxx EC course, (235-500 level)
- UI 349 Comparative Economic Systems (3)
- UI 366 Law and Economics (3)

FINANCIAL ECONOMICS

Choose 6 Hours From:
- EC 335 Monetary Economics (3)
- EC 410 Macroeconomic Theory (3)
- EC 420 Microeconomic Theory (3)
- FI 364 Modern Financial Institutions (3)
- EC 498 Economics Seminar (1)
- EC 351 Applied Economic Models (3)
- EC 470 Public Sector Economics (3)
- EC 580 International Economics (3)
- FI 368 Investments (3)
Bachelor of Science in Business Administration Degree

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Choose 6 Hours From:

EC xxx  
UI 322 International Political Economy (3)
UI 349 Comparative Economic Systems (3)
UI 366 Law & Economics (3)
UI 371 Government & Business (3)

NOTE: No more than 6 hours of UI courses may be selected.

FINANCE

24 Hour Major - No Minor Required

Required Courses:

FI 362 Advanced Financial Management (3)
FI 364 Modern Financial Institutions (3)
FI 368 Investments (3)
FI 480 Financial Policy (3)

Choose 12 Hours From:

FI 351 Principles of Insurance (3)
FI 363 Small Business Finance (3)
FI 365 Real Estate Principles & Practices (3)
FI 540 International Finance (3)
FI 468 Portfolio Seminar (3)
FI 473 Internship in Finance (3)
FI 475 Futures Seminar (3)
FI 491-493 Independent Study in Finance (1-3)

One of the following courses:

AC 339 Managerial Accounting (3)
AC 548 Not-For-Profit Accounting (3)
AC 375 Financial Statement Analysis (3)
AC 435 Income Tax Accounting (3)
EC 335 Money & Banking (3)

INTERNATIONAL BUSINESS

18 Hour Major - Required Minor to be selected by any department in the Harrison College of Business (except “Business Administration” minor).

INTERNATIONAL CORE COURSES:

Choose 9 Hours From:

AC 540 International Accounting (3)
BA 458 International Business Internship (3)
BA 560 International Business (3)
EC 580 International Economics (3)
FI 540 International Finance (3)
MG 560 International Management (3)
MK 560 International Marketing (3)

Choose 9-18 Hours From:

FOREIGN LANGUAGE/ CULTURAL SUPPORT

Minor in one area of foreign language (18)
OR
For students with demonstrated proficiency in a foreign language, choose 9 hours from:

AN 383 Cultures of the Third World (3)
PS 335 American Foreign Policy (3)
PS 376 Latin American International Relations (3)
PS 380 International Organizations (3)
PS 450 Govt & Politics of East & Central Europe (3)
PS 460 Govt & Politics of Western Europe (3)
PS 570 Comparative Government (3)
PS 580 International Politics (3)
PS 595 International Law (3)
(or other course(s) approved by Director or International Business Programs)

Additional Requirement:

Student must complete an international experience (international study, internship, etc.) which is approved by the Director of International Business Programs.

MANAGEMENT

21 Hour Major - No Minor Required
(A grade of ‘C’ or better is required in all required courses in the major.)

Required Management Core Courses:

MG 362 Management Systems I (3)
MG 462 Management Systems II (3)

Choose One 15 Hour Option:
Bachelor of Science in Business Administration Degree

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ORGANIZATIONAL LEADERSHIP

Required Courses:
- MG 457 Issues in Organizational Behavior (3)
- MG 470 Leadership in Management (3)
- MG 550 Improving Team Performance (3)

Choose 6 Hours MG courses (300-500 level) except MG 300, 301, 352, 355, 358, 375, and MG 560.

HUMAN RESOURCE MANAGEMENT

Required Courses:
- MG 356 Human Resource Management I (3)
- MG 446 Human Resource Management II (3)
- MG 457 Issues in Organizational Behavior (3)

Choose 6 Hours From the Following:
- MG 456 Topics in Human Resource Management (3)
- MG 470 Leadership in Management (3)
- MG 473 Internship in Management (3)
- MG 548 Project Management (3)
- MG 550 Improving Team Performance (3)
- MI 410 Business Database Systems (3)

OPERATIONS MANAGEMENT

Required Courses:
- MG 478 Global Logistics Management (3)
- MG 451 Materials & Supply Management (3)
- MG 452 Production Resource Management (3)
- MI 410 Business Database Systems (3)

Choose 3 Hours From:
- AC 330 Accounting Information Systems (3)
- IM 315 Production Time & Motion Study (3)
- MG 421 Quality Management (3)
- MI 430 Knowledge Based Dec Support Syst (3)

MANAGEMENT INFORMATION SYSTEMS

24 Hour Major – No Minor Required

Required Courses:
- IS 130 Visual Basic Programming I (3)
- IS 235 Introduction to COBOL (3)
- MI 410 Bus Database Systems (3)
- MI 420 Telecommunications Mgmt (3)
- MI 445 Systems Analysis & Design (3)
- MI 464 Systems Implementation & Practice (3)

Choose 6 Hours From:
- AC 330 Acctg Info Systems (3)
- AD 339 Network Support Systems (3)
- ET 462 Networking I (3)
- CS 265 Computer Science II (5)
- IS 330 Visual Basic Prgmg II (3)
- MI 430 Knowl-bsd Dec Sprt Syst for Mgmt (3)
- MI 439 Electronic Commerce (3)
- MI 440 Web Design for Electronic Commerce (3)

MARKETING

24 Hour Major - No Minor Required

Required Marketing Core:
- MK 343 Advertising & Promotion (3)
- MK 344 Consumer Behavior (3)
- MK 345 Intro to Business Research (3)
- MK 449 Marketing Management (3)

Choose 3 Hours MK Courses (300-500 level) (except MK 301, MK 560)

Choose One Option:

MARKETING MANAGEMENT

- MK 346 Distribution Management (3)
- MK 348 Product & Pricing Strategy (3)
- MK 473 Marketing Internship (3)
INTEGRATED MARKETING COMMUNICATIONS

Required Courses:
- MK 483 Pract in Strategic Marketing (3)
- MK 341 Public Relations (3)
- MK 342 Professional Selling (3)
- MK 443 Integrated Mktg Comm Pract (3)

OR

MK 483 Pract in Strategic Marketing (3)

Family Education

ORGANIZATIONAL ADMINISTRATION

24 Hour Major - No Minor Required

Required Courses:
- AC 375 Financial Statement Analysis (3)
- EC 360 Fundamentals of Managerial Economics (3)
- MG 354 Topics in Management Communication (3)
- MG 362 Management Systems I (3)
- MG 462 Management Systems II (3)

Choose 6 Hours From Business Courses (300-500 Level)

Bachelor of Science in Education Degree

For students planning to teach in elementary and secondary schools. Five curricula are offered:

- Early Childhood Education (pre-school-grade 3)
- Elementary Education (grades 1-6)
- Exceptional Child Education (grades K-12)
- Middle School Education (grades 5-9)
- Secondary Education (grades 9-12)

All majors in education must meet requirements for admission to Teacher Education as listed on page 13. Regardless of printed program requirements, any changes or additions mandated by the State of Missouri will be come effective on the date cited by the regulations. Students transferring into education programs must complete six semester hours of English Composition with grades of 'C' or better to meet certification requirements.

EARLY CHILDHOOD EDUCATION
### Bachelor of Science in Education Degree

**Southeast Missouri State University 2003-04**

#### BLOCK IV: 13 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CF 301</td>
<td>Working with Parents Lab (1)</td>
</tr>
<tr>
<td>PE 308</td>
<td>Perceptual Motor Development (2)</td>
</tr>
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</table>

**Special Early Childhood Requirements: 14 Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>CE 433</td>
<td>Student Teaching Early Childhood (1st) (6)</td>
</tr>
<tr>
<td>CE 434</td>
<td>Student Teaching Early Childhood (2nd) (6)</td>
</tr>
<tr>
<td>EF 400</td>
<td>Seminar/Educ Issues for Student Teachers (1)</td>
</tr>
</tbody>
</table>

**Additional Requirements: 39 Hours**

*(Some courses may fulfill University Studies requirements)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>XX xxx</td>
<td>Any Artistic Expression course (3)</td>
</tr>
<tr>
<td>BS 218</td>
<td>Biological Science: A Process Apprch (3)</td>
</tr>
<tr>
<td>EC 101</td>
<td>Economic Problems &amp; Policies (3)</td>
</tr>
<tr>
<td>EC 215</td>
<td>Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>AG 201</td>
<td>World Food &amp; Society (3)</td>
</tr>
<tr>
<td>EL 274</td>
<td>Diversity in American Schools (3)</td>
</tr>
<tr>
<td>EN 100</td>
<td>English Composition (3)</td>
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<tr>
<td>EN 140</td>
<td>Rhetoric &amp; Critical Thinking (3)</td>
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<tr>
<td>LI 243</td>
<td>Children’s Literature (3)</td>
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<tr>
<td>MA 118</td>
<td>Mathematics I (3)</td>
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<tr>
<td>PH 218</td>
<td>Physical Science: A Process Approach (3)</td>
</tr>
<tr>
<td>PS 103</td>
<td>U.S. Political Systems (3)</td>
</tr>
<tr>
<td>SC 105</td>
<td>Fundamentals of Oral Communication (3)</td>
</tr>
<tr>
<td>UI 318</td>
<td>Earth Science: A Process Approach (3)</td>
</tr>
<tr>
<td>US 105</td>
<td>American History I (3)</td>
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<tr>
<td>US 107</td>
<td>American History II (3)</td>
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<tr>
<td>OR</td>
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</table>

**ELEMENTARY EDUCATION**

In addition to other requirements, an Area of Concentration must be chosen from:

- **Art**
- **Early Childhood**
- **Exceptional Child(BD)**
- **Exceptional Child(CC)**
- **Exceptional Child(LD)**
- **Exceptional Child(MH)**
- **Foreign Languages TESOL**
- **Language & Literature**
- **Mathematics**
- **Music**
- **Physical Education**
- **Science**
- **Social Studies**

**Professional Education Requirements: 42-44 Hours**

#### BLOCK I: 6 Hours

<table>
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<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PY/CF 120</td>
<td>The Child: Devel/Conception to Adolsc (3)</td>
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<tr>
<td>EL 120</td>
<td>Elementary Field Experience (2)</td>
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<tr>
<td>EM 102</td>
<td>Technology &amp; the Teacher’s Role (1)</td>
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#### BLOCK II: 15 Hours

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<tbody>
<tr>
<td>ED 255</td>
<td>Children &amp; the Arts (3)</td>
</tr>
<tr>
<td>EF 200</td>
<td>School &amp; Society (2)</td>
</tr>
<tr>
<td>EL 260</td>
<td>Elementary Field Experience (3)</td>
</tr>
<tr>
<td>EL 261</td>
<td>Theories of Learning &amp; Management (2)</td>
</tr>
<tr>
<td>EL 262</td>
<td>Foundations of Reading Techniques (3)</td>
</tr>
<tr>
<td>EL 263</td>
<td>Foundations of Lang Arts Techniques (2)</td>
</tr>
</tbody>
</table>
Bachelor of Science in Education Degree
Southeast Missouri State University 2003-04

BLOCK III: 17 Hours
EL 350 Elementary Field Experience (3)
EL 351 Tech of Teaching Elem Science (2)
EL 352 Tech of Teaching Elem Social Studies (1)
EL 353 Tech of Teaching Elem Mathematics (2)
EL 354 Corrective Reading Instruction (3)
EL 355 Reading: Study Strategies & Skills (2)
EX 390 Psych & Educ of the Except Child (3)
PE 309 Physical Education in the Elem Curric (1)

BLOCK IV: 13 Hours
EF 400 Seminar/Educ Issues for Student Teachers. (1)
EL 453 Student Teaching Elementary (1st) (6)
EL 454 Student Teaching Elementary (2nd) (6)

Special Elementary Requirements: 10 Hours
BS 118 Intro Process Science Elem Teachers (1)
HL 210 Health & Safety (2)
MA 318 Math for Elementary Teachers II (3)
MA 418 Geometry for Teachers. (3)
MU 356 Music Skills/Classroom Teacher (1)

Additional Requirements: 42 Hours
(These courses may also meet University Studies requirements)
XX xxx Any Artistic Expression course (3)
BS 218 Biological Science: A Process Apprch (3)
EC xxx Economics course (3)
EL 274 Diversity in American Schools (3)
EN 100 English Composition (3)
EN 140 Rhetoric & Critical Thinking (3)
LI 243 Children’s Literature (3)
MA 118 Mathematics I (3)

PH 218 Physical Science: A Process Approach (3)
PS 103 U.S. Political Systems (3)
SC 105 Fundamentals of Oral Communication (3)
UI 308 Physical/Cultural Landscapes of the World (3)
UI 318 Earth Science: A Process Approach (3)
US 105 American History I (3)
US 107 American History II (3)

EXCEPTIONAL CHILD EDUCATION Professional Education Requirements: 80 Hours

BLOCK I: 13 Hours
EM 102 Technology & the Teacher’s Role (1)
EL 120 Elementary Field Experience (2)
EX 200 Intro to the Exceptional Child (3)
PY/CF 120 TheChild:Devel/Conceptionto Adols (3)

Choose Two of the Following Courses:
EX 220 Intro to Mental Retardation (2)
EX 230 Intro to Learning Disabilities (2)
EX 240 Intro to Behavior Disorders (2)
EX 273 Intro to Cross Categorical (3)

BLOCK II: 17 Hours
EF 200 School & Society (2)
EL 260 Elementary Field Experience (3)
EL 261 Theories of Learning & Management (2)
EL 262 Foundations of Reading Techniques (3)
EL 263 Foundations of Lang Arts Techniques (2)
EX 201 Assessment of the Exceptional Child (3)
EX 202 Tech of Teaching the Excep Child I (2)
**Bachelor of Science in Education Degree**

*Southeast Missouri State University 2003-04*

### BLOCK III: 17 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL 308</td>
<td>Diag &amp; Remed of L D in Math</td>
<td>3</td>
</tr>
<tr>
<td>EL 350</td>
<td>Elementary Field Experience</td>
<td>3</td>
</tr>
<tr>
<td>EL 351</td>
<td>Tech of Teaching Elem Science (2)</td>
<td></td>
</tr>
<tr>
<td>EL 352</td>
<td>Tech of Teaching Elem Social Studies (1)</td>
<td></td>
</tr>
<tr>
<td>EL 353</td>
<td>Tech of Teaching Elem Mathematics (2)</td>
<td></td>
</tr>
<tr>
<td>EL 354</td>
<td>Corrective Reading Instruction (3)</td>
<td></td>
</tr>
<tr>
<td>EL 355</td>
<td>Reading Study Strategies &amp; Skills (2)</td>
<td></td>
</tr>
<tr>
<td>PE 309</td>
<td>Physical Education in the Elem Curric (1)</td>
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</table>

### BLOCK IIIa: 18 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>EX 302</td>
<td>Language Devel of the Except Child (2)</td>
<td></td>
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<tr>
<td>EX 304</td>
<td>Behavior Management (3)</td>
<td></td>
</tr>
<tr>
<td>EX 305</td>
<td>Teach Strat/Career Dev for MH Adoleses (3)</td>
<td></td>
</tr>
<tr>
<td>EX 307</td>
<td>Parents &amp; the Exception Child (3)</td>
<td></td>
</tr>
<tr>
<td>EX 309</td>
<td>Except Child Educ Field Experience (3)</td>
<td></td>
</tr>
<tr>
<td>EX 323</td>
<td>Techniques of Teaching MH (2)*</td>
<td></td>
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<tr>
<td>EX 333</td>
<td>Techniques of Teaching LD (2)*</td>
<td></td>
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<tr>
<td>EX 343</td>
<td>Techniques of Teaching BD (2)*</td>
<td></td>
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<tr>
<td>EX 373</td>
<td>Techniques of Cross Categorical (3)*</td>
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</tbody>
</table>

*Majors in Exceptional Child Education will enroll in at least two of these techniques courses.

### BLOCK IV: 15 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EF 400</td>
<td>Seminar/Educ Issues for Student Teachers</td>
<td>(1)</td>
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**Choose One of the Following Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>EX 422</td>
<td>Student Teaching with MH (1st) (8)**</td>
<td></td>
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<tr>
<td>EX 432</td>
<td>Student Teaching with LD (1st) (8)**</td>
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<tr>
<td>EX 442</td>
<td>Student Teaching with BD (1st) (8)**</td>
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<tr>
<td>EX 472</td>
<td>Student Teaching CC (1st) (8)**</td>
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</tr>
</tbody>
</table>

**Special Exceptional Child Requirement: 10 Hours**

- **Majors in Exceptional Child will student teach in two categorical areas of exceptionality.**

**Additional Requirements: 39 Hours**

(These courses may also meet University Studies requirements)

- BS 118 Intro Process Science Elem Teachers (1)
- ED 255 Children & the Arts (3)
- HL 210 Health & Safety (2)
- MU 356 Music Skills/Classroom Teacher (1)
- PY 222 Development of the Adolescent (3)
- XX xxx Any Artistic Expression course (3)
- BS 218 Biological Science: A Process Apprch (3)
- EC xxx Economics course (3)
- EL 274 Diversity in American Schools (3)
- EN 100 English Composition (3)
- EN 140 Rhetoric & Critical Thinking (3)
- LI 243 Children’s Literature (3)
- MA 118 Mathematics I (3)
- PH 218 Physical Science: A Process Approach (3)
- PS 103 U.S. Political Systems (3)
- SC 105 Fundamentals of Oral Communication (3)
- UI 318 Earth Science: A Process Approach (3)
- US 105 American History I (3)
- **OR**
- US 107 American History II (3)
MIDDLE AND SECONDARY EDUCATION
Majors must be chosen from the following:
- Art
- Business Education
- English
- French
- German
- Industrial Education
- Mathematics
- Middle School Education
- Physical Education
- Social Studies
- Spanish
- Speech Education
- Unified Science: Biology
- Unified Science: Chemistry
- Unified Science: Earth Science
- Unified Science: Physics

Certification programs are available in Speech and Language Specialist (K-12), and Teaching English as a Second Language (K-12). Additionally, a Music Education major is available on the Bachelor of Music Education degree and a major in Family and Consumer Sciences Education is available on the Bachelor of Science in Family and Consumer Sciences Education degree.

Professional Education Requirements: 37-43 Hours

BLOCK I: 5 Hours
- EM 102 Technology & the Teacher’s Role (1)
- PY 222 Development of the Adolescent (3)
- SE 222 Secondary Block I Field Experience (1)

BLOCK II: 12-15 Hours
- EF 200 School & Society (2)
- SE 250 Fundamentals of Middle School Education (3)*
- SE 251 Teaching Reading & Writing in Mid School (3)*
- SE 270 Secondary Block II Field Experience (3)
- SE 271 Theories of Learning & Management (2)

SE 272 Teaching Reading/Secondary School (2)
SE 273 Fund of High School Education (3)**

BLOCK III: 7-10 Hours
- EX 390 Psychology & Educ of Except Child (3)
- SE xxx Special Subject Techniques Course (3)***
- SE 370 Secondary Block III Field Experience (1)

BLOCK IV: 13 Hours
- EF 400 Seminar/Educ Issues for Student Teachers (1)
- SE 463 Student Teaching Secondary (1st) (6)
- SE 464 Student Teaching Secondary (2nd) (6)

Additional Requirements: 33-39 Hours
(Some courses may also meet University Studies requirements)
- BS 107 Investigations in Biology (3)*
- OR
- BS 218 Bio Science: A Process Approach (3)*
- EN 100 English Composition (3)
- EN 140 Rhetoric & Critical Thinking (3)
- LI xxx Literature course (200-500 level) (3)
- MA 118 Mathematics I (3)*
- MA 318 Mathematics II (3)*
- MA 123 Survey of Mathematics (3)
- OR
- MA 134 College Algebra (3)
- OR
- MA 155 Statistical Reasoning (3)
- PL xxx Any Philosophy course (3)
- PS 103 U.S. Political Systems (3)
- SC 105 Fundamentals of Oral Communication (3)
- US 105 OR US 107 American History I or II (3)
- BS xxx, BI xxx, BO xxx, or ZO xxx (3)**
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EC xxx, GG xxx, or SO xxx (3)
Any Physical Systems course (3)
* Middle School Education requirement only.
** Secondary Education requirement only.
*** 6 hours of SE required for Middle School, if the
student chooses two areas of concentration or an area of
concentration and an area of endorsement, and 3 hours
of SE required for Secondary Education.

ART EDUCATION
42-44 Hour Major - No Minor Required

Required Courses:
AH 110     Art History Survey I (3)
AH 210     Art History Survey II (3)
AR 001     Freshman Core Review (0)
AR 100     Drawing I (3)
AR 104     Design Foundations (3)
AR 106     3D Foundations (3)
AR 202     Drawing II: Human Figure (3)
AR 201     Color Composition (3)
AR 270     Art for the Elementary Teacher (3)
AR 330     Fibers I (3)
AR 332     Sculpture I (3)
AR 342     Ceramics I (3)

Choose 3 Hours From:
AR 320     Watercolor I (3)
AR 325     Painting (3)
AR 530     Figure Painting (3)

Choose 3 Hours From:
AR 302     Printmaking (3)
AR 303     Screenprinting (3)
AR 501     Intaglio Printmaking (3)
AR 502     Litho Printmaking (3)

Choose 3 Hours Art Elective (300-500 level)

BIOLOGY EDUCATION
(Unified Science Certification)
67 Hour Major - No Minor Required

Required Courses:
BI 003     Biology Major Field Assessment
 BI 190     Life Processes (4)
 BI 200     General Microbiology (3)
 BI 225     Research Methods in Biology (3)
 BI 300     Intro to Evolutionary Biology (3)
 BI 332     General Ecology (3)
 BI 487     Biology Seminar (1)
 BI/BO/ZO  3xx or higher (3)
 BO 200     Plant Biology (3)
 BS 113     Anatomy & Physiology I (3)
 BS 114     Anatomy & Physiology II (3)
 CH 185     General Chemistry I (5)
 CH 186     General Chemistry II (3)
 MA 133     Plane Trigonometry (2)
 MA 134     College Algebra (3)
 GO 110     Physical Geology (3)
 GO 220     Meteorology (3)
 GO 320     Oceanography (3)
 PH 120     Intro Physics I (5)
 PH 121     Intro Physics II (5)
 ZO 200     Animal Biology (3)
 UI 422     Philosophy of Science (3)

BUSINESS EDUCATION
45-48 Hour Major - No Minor Required

Required Courses:
AC 221     Princ of Financial Accounting (3)
AC 222     Princ of Managerial Accounting (3)
AD 101     Intro to Microcomputer Appl (3)
AD 222     Microcomputer Appl for Business (3)
AD 323     Admin Information Systems (3)
AD 331     Advanced Word Processing (3)
AD 339     Network Support Systems (3)
AD 341     Information Systems Procedures (3)
AD 353     Admin Systems Management (3)
BL 255     Legal Environment of Business (3)
IS 130     Visual Basic Programming I (3)
MG 252     Business Communication (3)
MG 301     Management & Organiz Behav (3)
MK 301     Principles of Marketing (3)
Choose 6-9 Hours From:

<table>
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<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>AD 224</td>
<td>Transcription Skills (3)</td>
</tr>
<tr>
<td>AD 341</td>
<td>Information Systems Procedures (3)</td>
</tr>
<tr>
<td>AD 353</td>
<td>Admin Systems Management (3)</td>
</tr>
<tr>
<td>AD 422</td>
<td>Training in Administrative Systems (3)</td>
</tr>
<tr>
<td>BA 361</td>
<td>Small Bus Mgmt/New Venture Creation (3)</td>
</tr>
<tr>
<td>MI 375</td>
<td>Management Information Systems (3)</td>
</tr>
<tr>
<td>UI 301</td>
<td>Managerial Communication Processes (3)</td>
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</table>

CHEMISTRY EDUCATION (Unified Science Certification)
64-65 Hour Major - No Minor Required

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>BO 200</td>
<td>Plant Biology (3)</td>
</tr>
<tr>
<td>CH 185</td>
<td>General Chemistry I (5)</td>
</tr>
<tr>
<td>CH 186</td>
<td>General Chemistry II (3)</td>
</tr>
<tr>
<td>CH 187</td>
<td>Qualitative Analysis (2)</td>
</tr>
<tr>
<td>CH 271</td>
<td>Quantitative Analysis (4)</td>
</tr>
<tr>
<td>CH 310</td>
<td>Intro to Physical Chemistry (5)</td>
</tr>
<tr>
<td>CH 341</td>
<td>Organic Chemistry I (4)</td>
</tr>
<tr>
<td>CH 342</td>
<td>Organic Chemistry Lab I (1)</td>
</tr>
<tr>
<td>UI 443</td>
<td>Professional Exp in Chemistry (3)</td>
</tr>
<tr>
<td>GO 110</td>
<td>Physical Geology (3)</td>
</tr>
<tr>
<td>GO 220</td>
<td>Meteorology (3)</td>
</tr>
<tr>
<td>GO 320</td>
<td>Oceanography (3)</td>
</tr>
<tr>
<td>PH 120</td>
<td>Introductory Physics I (5)</td>
</tr>
<tr>
<td>PH 121</td>
<td>Introductory Physics II (5)</td>
</tr>
<tr>
<td>PH 230</td>
<td>General Physics I (5)</td>
</tr>
<tr>
<td>PH 231</td>
<td>General Physics II (5)</td>
</tr>
<tr>
<td>UI 331</td>
<td>Biochemistry I (3)</td>
</tr>
<tr>
<td>UI 422</td>
<td>Scientific Reasoning (3)</td>
</tr>
<tr>
<td>ZO 200</td>
<td>Animal Biology (3)</td>
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</table>

Choose 3-4 Hours From:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>BI 190</td>
<td>Life Processes (4)</td>
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</tbody>
</table>

BS 108 Biology for Living (3)
BS 218 Bio Science: A Process Approach (3)

Choose 3 Hours From:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BI 332</td>
<td>General Ecology (3)</td>
</tr>
<tr>
<td>BS 105</td>
<td>Environmental Biology (3)</td>
</tr>
<tr>
<td>CH350/EV350</td>
<td>Environmental Chem (3)</td>
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<tr>
<td>GO 305</td>
<td>Environmental Geoscience (3)</td>
</tr>
<tr>
<td>UI 360</td>
<td>Recycling &amp; Waste Management (3)</td>
</tr>
<tr>
<td>UI 372</td>
<td>Earthquakes &amp; Society (3)</td>
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</tbody>
</table>

Additional Requirements: 3-8 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MA 133</td>
<td>Plane Trigonometry (2) or H.S. equiv</td>
</tr>
<tr>
<td>MA 134</td>
<td>College Algebra (3) or H.S. equiv</td>
</tr>
<tr>
<td>MA 139</td>
<td>Applied Calculus (3)</td>
</tr>
</tbody>
</table>

EARTH SCIENCE EDUCATION (Unified Science Certification)
62-63 Hour Major - No Minor Required

Required Courses:

<table>
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<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BO 200</td>
<td>Plant Biology (3)</td>
</tr>
<tr>
<td>CH 185</td>
<td>General Chemistry I (5)</td>
</tr>
<tr>
<td>CH 186</td>
<td>General Chemistry II (3)</td>
</tr>
<tr>
<td>CH 341</td>
<td>General Chemistry Lab I (1)</td>
</tr>
<tr>
<td>GO 110</td>
<td>Physical Geology (3)</td>
</tr>
<tr>
<td>GO 220</td>
<td>Meteorology (3)</td>
</tr>
<tr>
<td>GO 225</td>
<td>Rocks &amp; Minerals (3)</td>
</tr>
<tr>
<td>GO 295</td>
<td>Intro Geoscience Research (1)</td>
</tr>
<tr>
<td>GO 310</td>
<td>Field Methods (1)</td>
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<tr>
<td>GO 320</td>
<td>Oceanography (3)</td>
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<tr>
<td>GO 400</td>
<td>Geomorphology (3)</td>
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<tr>
<td>GO 495</td>
<td>Senior Research &amp; Seminar (2)</td>
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<tr>
<td>GO xxx</td>
<td>Elective (3)</td>
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<tr>
<td>PH 109</td>
<td>Exploring the Universe (3)</td>
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<tr>
<td>UI 416</td>
<td>Planetary Exploration (3)</td>
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<tr>
<td>PH 120</td>
<td>Intro Physics I (5)</td>
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<td>PH 121</td>
<td>Intro Physics II (5)</td>
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<tr>
<td>PH 230</td>
<td>General Physics I (5)</td>
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<tr>
<td>PH 231</td>
<td>General Physics II (5)</td>
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OR

<table>
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<tr>
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<tbody>
<tr>
<td>UI 331</td>
<td>Biochemistry I (3)</td>
</tr>
<tr>
<td>UI 422</td>
<td>Scientific Reasoning (3)</td>
</tr>
<tr>
<td>ZO 200</td>
<td>Animal Biology (3)</td>
</tr>
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</table>

Choose 3-4 Hours From:

<table>
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<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 190</td>
<td>Life Processes (4)</td>
</tr>
</tbody>
</table>

PH 230 General Physics I (5)
PH 231 General Physics II (5)
Bachelor of Science in Education Degree
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Choose 3-4 Hours From:
- UI 373 Earth/Life Thru Time (3)
- UI 422 Scientific Reasoning (3)
- OR
- UI 364 Experimental Knowledge (3)
- ZO 200 Animal Biology (3)

Additional Requirements - Math: 5 Hours
- MA 133 Plane Trigonometry (2)
  AND
- MA 134 College Algebra (3)
  OR
- MA 140 Analyt Geom & Calculus I (5)

Choose 3 Hours From:
- BI 190 Life Processes (4)
- BS 108 Biology for Living (3)
- BS 218 Bio Sci: A Process Approach (3)

Choose 3 Hours From:
- BI 332 General Ecology (3)
- BS 105 Environmental Biology (3)
- GO 305 Environmental Geoscience (3)
- UI 360 Recycling & Waster Mgt (3)
- UI 372 Earthquakes & Society (3)

Additional Requirements – Biology:
- BS 105 Environmental Biology (3)
  OR
- BS 108 Biology for Living (3)
  OR
- BS 218 Bio Sci: A Process Approach (3)

ENGLISH EDUCATION
36 Hour Major - No Minor Required

Required Courses:
- EN 201 Writing About Literature (3)
- EN 378 Grammars of English (3)
- EN 379 Composition in the Secondary School (3)
- EN 385 Literature in the Secondary School (3)
- LI 260 English Lit I (3)
  OR
- LI 261 English Lit II (3)
- LI 270 American Lit I (3)
  OR
- LI 271 American Lit II (3)
- LI 311 World Literature I (3)
  OR
- LI 312 World Literature II (3)
- LI 542 Literature for Young Adults (3)

Choose 3 Hours From:
- EN 486 Sociolinguistics (3)
- UI 500 History of English Language (3)
- UI 501 Principles of Language (3)

Choose 3 Hours From:
- EN 275 Intro to Creative Writing (3)
- EN 376 Advanced Composition (3)

Choose 6 Hours From:
- EN 300-EN 599 English elective
- LI 300-LI 599 Literature elective
- UI 332 Images of Women in Literature (3)
- UI 341 Victorian Studies (3)
- UI 431 Shakespeare Trag/Hum Cond (3)
- UI 432 Shakespeare Hist/Com & Hum Cond (3)

Additional Requirement:
- LI 256 Variety of Literature (3)

FRENCH EDUCATION
36 Hour Major - No Minor Required

Required Courses:
- FR 001 French Exit Exam (0)
- 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)
- FR 306 Contemporary France (3)
- FR 320 French Pronunciation & Phonetics (3)

Choose 6 Hours From:
- FR 310 Survey of French Literature I (3)
- FR 311 Survey of French Literature II (3)
- FR 410 Intro to the French Novel (3)
- FR 415 17th Century French Literature (3)
- FR 420 18th Century French Literature (3)
**Bachelor of Science in Education Degree**

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**Choose 6 Hours From:**
(Only one course may be selected from each of the areas of composition, conversation, commercial, grammar)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>FR 301</td>
<td>Intermediate French Composition</td>
<td>(3)</td>
</tr>
<tr>
<td>FR 305</td>
<td>Intermediate French Conversation</td>
<td>(3)</td>
</tr>
<tr>
<td>FR 315</td>
<td>Commercial French</td>
<td>(3)</td>
</tr>
<tr>
<td>FR 330</td>
<td>French Grammar</td>
<td>(3)</td>
</tr>
<tr>
<td>FR 405</td>
<td>French Advanced Conversation</td>
<td>(3)</td>
</tr>
<tr>
<td>FR 530</td>
<td>French Adv Comp &amp; Conversation</td>
<td>(3)</td>
</tr>
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</table>

**Choose 6 Hours FR Electives (300-500 level)**

**Additional Requirement:**

**Choose 3 Hours From:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>FL 205</td>
<td>Art of French Cinema</td>
<td>(3)</td>
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<tr>
<td>GG 170</td>
<td>European Peoples &amp; Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>UI 362</td>
<td>Contemporary French Culture</td>
<td>(3)</td>
</tr>
<tr>
<td>UI 375</td>
<td>European Film</td>
<td>(3)</td>
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<tr>
<td>WH 103</td>
<td>European Civilization</td>
<td>(3)</td>
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<tr>
<td>WH 366</td>
<td>Age of French Rev &amp; Napoleon</td>
<td>(3)</td>
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<tr>
<td>WH 370</td>
<td>Europe in the 20th Century</td>
<td>(3)</td>
</tr>
<tr>
<td>WH 514</td>
<td>History of Modern France</td>
<td>(3)</td>
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**GERMAN EDUCATION**

*36 Hour Major - No Minor Required*

**Required Courses:**

<table>
<thead>
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<tr>
<td>GN 001</td>
<td>German Exit Exam</td>
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<tr>
<td>GN 100</td>
<td>German Language &amp; Culture I</td>
<td>(3)</td>
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<tr>
<td>GN 120</td>
<td>German Language &amp; Culture II</td>
<td>(3)</td>
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<td>GN 200</td>
<td>German Language &amp; Culture III</td>
<td>(3)</td>
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<tr>
<td>GN 220</td>
<td>German Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>GN 320</td>
<td>German Culture &amp; Civilization</td>
<td>(3)</td>
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</table>

**Choose 6 Hours From:**

<table>
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<tr>
<th>Course</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>GN 310</td>
<td>Survey of German Literature I</td>
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<tr>
<td>GN 311</td>
<td>Survey of German Literature II</td>
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<td>Twentieth-Century German Literature</td>
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<tr>
<td>GN 440</td>
<td>Special Topics: German</td>
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**Choose 6 Hours From:**
(Only one course may be selected from each of the areas of composition, conversation, commercial, grammar)

<table>
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<tr>
<th>Course</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>GN 301</td>
<td>Intermediate German Composition</td>
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<tr>
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<tr>
<td>GN 315</td>
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<td>(3)</td>
</tr>
<tr>
<td>GN 330</td>
<td>German Grammar</td>
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<tr>
<td>GN 340</td>
<td>German Phonetics &amp; Pronunciation</td>
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**Choose 9 Hours of GN Electives (300-500 level)**

**Additional Requirement:**

**Choose 3 Hours From:**

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<tr>
<td>AN 101</td>
<td>Observing Other Cultures</td>
<td>(3)</td>
</tr>
<tr>
<td>AN 181</td>
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<td>AN 260</td>
<td>World Cultures</td>
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<td>AN 390</td>
<td>European Prehistory</td>
<td>(3)</td>
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<td>GG 170</td>
<td>European Peoples &amp; Civilization</td>
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<tr>
<td>UI 375</td>
<td>European Film</td>
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<tr>
<td>WH 103</td>
<td>European Civilization</td>
<td>(3)</td>
</tr>
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<td>WH 370</td>
<td>Europe in the 20th Century</td>
<td>(3)</td>
</tr>
<tr>
<td>WH 516</td>
<td>History of Modern Germany</td>
<td>(3)</td>
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<tr>
<td>WH 527</td>
<td>Intellectual History of Europe</td>
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**INDUSTRIAL EDUCATION**

*45 Hour Major - No Minor Required*

**Required Courses:**

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<th>Hours</th>
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<td>ET 162</td>
<td>DC/AC Principles &amp; Circuits I</td>
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<td>ET 164</td>
<td>DC/AC Principles &amp; Circuits II</td>
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<td>IE 401</td>
<td>Technology Education Mgt</td>
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<tr>
<td>IM 102</td>
<td>Technical Communications</td>
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<tr>
<td>MN 170</td>
<td>Industrial Materials &amp; Testing</td>
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<tr>
<td>MN 203</td>
<td>Industrial Materials &amp; Process</td>
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</table>
Bachelor of Science in Education Degree

Southeast Missouri State University 2003-04

Choose 6 Hours From:
- MATHEMATICS EDUCATION
  43 Hour Major - No Minor Required
  Required Courses:
  - MA 138 Discrete Mathematics I (3)
  - MA 140 Analytic Geometry & Calculus I (5)
  - MA 145 Analytic Geometry & Calculus II (4)
  - MA 223 Elem Probability & Statistics (3)
  - OR
  - MA 523 Probability & Statistics I (3)
  - MA 250 Foundations of Mathematics (3)
  - MA 334 Computer Programming (3)
  - MA 340 Concepts of Geometry (3)
  - MA 345 Linear Algebra (3)
  - MA 443 Elementary Number Theory (3)
  - MA 445 Modern Algebra (3)
  - MA 448 Mathematics Seminar (1)
  - UI 438 Nature & Growth of Mathematical Thought (3)

Choose 3 Hours From:
- MA 523 Probability & Statistics I (3)
- MA 540 Projective Geometry (3)
- MA 546 Advanced Calculus I (3)

MIDDLE SCHOOL EDUCATION (5-9 CERTIFICATE)
40-43 Hour Major - No Minor Required
(See advisor for specific courses required in each option.)

Choose One Option

OPTION I: Two Areas of Concentration (42-43 Hours)
- Language Arts (21)
- Mathematics (21)
- Science (22)
- Social Studies (21)

OPTION II: One Area of Concentration (24-25 Hours) & One Endorsement Area (21-23 Hours)
- Agriculture Educ (21)
- Industrial Technology (23)
- Family & Consumer Language Arts (24)
- Mathematics (24)
- Science (25)
- Sciences Education (23)
- Social Studies (24)

OPTION III: One Area of Concentration (30-31 Hours)
- Language Arts (30)
- Mathematics (30)
- Science (33)
- Social Studies (30)

PHYSICAL EDUCATION (PK-12 CERTIFICATE)
48 Hour Major - No Minor Required
(A grade of ‘C’ or better is required in all courses within the major.)
Bachelor of Science in Education Degree
Southeast Missouri State University 2003-04

Required Courses:

Choose One Hour From the Following:

- AT 140 SEMO Wellness (3)
- BS 113 Anatomy & Physiology I (3)
- PE 201 Sport & Society (3)
- PE 216 Theory & Practice of Team Sports (2)
- PE 217 Theory /Pract of Individ/Dual Leis Act (4)
- PE 219 Theory & Practice of Dance (3)
- PE 220 First Aid (2)
- PE 235 Psych of Coaching & Human Perf (3)
- PE 238 Foundations, Hist, Phil of PE & Sport Mgt (3)
- PE 239 Teaching Children Physical Education (3)
- PE 270 Teaching PE to Middle School Learner (3)
- PE 305 Motor Devel, Learning & Behavior (3)
- PE 310 Tests & Measurements in Phys Act/ Sport (2)
- PE 341 Physiology of Conditioning (3)
- PE 408 Phys Educ for Individuals with Disabilities (2)
- PE 464 Kinesiology (3)
- PE 465 Seminar in Physical Education (1)

Choose One Hour From the Following:

- AT 101 Aqua-Aerobics (1)
- AT 130 Aerobics (1)
- AT 132 Body Building (1)
- AT 136 Jogging/Walking for Fitness (1)
- AT 138 Low Impact Aerobics (1)

Choose One Hour From the Following:

- DA 110 Ballet I (2)
- DA 120 Contemporary Dance I (1)
- DA 125 Jazz Dance I (2)
- DA 130 Ballroom Dance I (1)
- DA 135 Tap Dance I (2)
- DA 145 Line Dance (1)
- DA 210 Ballet II (2)
- DA 220 Contemporary Dance II (1)

(Unified Science Certification)

77-78 Hour Major - No Minor Required

Required Courses:

Choose 3-4 Hours From:

- BO 200 Plant Biology (3)
- CH 185 General Chemistry I (5)
- CH 186 General Chemistry II (3)
- EP 100 Physics & Engr Concepts (1)
- EP 361 Thermal Analysis (3)
- GO 110 Physical Geology (3)
- GO 220 Meteorology (3)
- GO 320 Oceanography (3)
- MA 140 Calculus I (5)
- MA 145 Calculus II (4)
- MA 240 Calculus III (3)
- MA 245 Vector Calculus (2)
- PH 230 General Physics I (5)
- PH 231 General Physics II (5)
- PH 341 Optics (3)
- PH 345 Experimental Methods I (3)
  OR
- UI 330 Experimental Methods I (3)
- PH 445 Experimental Methods II (3)
  OR
- PH 550 National Physics Programs (3)
- PH 360 Modern Physics (3)
- PH 370 Mechanics (3)
- PH 371 Electromagnetics (3)
- UI 422 Scientific Reasoning (3)
- ZO 200 Animal Biology (3)

Choose 3 Hours From:

Choose 3-4 Hours From:

- BI 190 Life Processes (4)
- BS 108 Biology for Living (3)
- BS 218 Bio Science: A Process Approach (3)
- BI 332 General Ecology (3)
- BS 105 Environmental Biology (3)
- GO 305 Environmental Geoscience (3)
- UI 360 Recycling & Waste Mgt (3)
- UI 372 Earthquakes & Society (3)

SOCIAL STUDIES
56 Hour Major - No Minor Required
### Bachelor of Science in Education Degree

**Southeast Missouri State University 2003-04**

**Required Courses:**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<td>EC 215</td>
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<tr>
<td>EC 225</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
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<tr>
<td>GG 150</td>
<td>People &amp; Places of the World</td>
<td>3</td>
</tr>
<tr>
<td>GH 315</td>
<td>Historiography</td>
<td>3</td>
</tr>
<tr>
<td>PS 103</td>
<td>U.S. Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>PY 101</td>
<td>Psych Perspective/Human Behav.</td>
<td>3</td>
</tr>
<tr>
<td>PY 102</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SO 102</td>
<td>Soc, Culture &amp; Social Behav.</td>
<td>3</td>
</tr>
<tr>
<td>SO 200</td>
<td>Intro to Social Organization</td>
<td>3</td>
</tr>
<tr>
<td>US 105</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>US 107</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>WH 101</td>
<td>Early European History</td>
<td>3</td>
</tr>
<tr>
<td>WH 103</td>
<td>Modern European Civ</td>
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<td>3</td>
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<tr>
<td>US 107</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>WH 101</td>
<td>Early European History</td>
<td>3</td>
</tr>
<tr>
<td>WH 103</td>
<td>Modern European Civ</td>
<td>3</td>
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**Choose 6 Hours From:**

**US History Courses (300-500 level):**

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<th>Credit Hours</th>
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<tr>
<td>AN 100</td>
<td>Found of Human Behav</td>
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<tr>
<td>AN 181</td>
<td>Intro to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>UI 339</td>
<td>North Am Indians</td>
<td>3</td>
</tr>
<tr>
<td>PS 355</td>
<td>Third World Politics</td>
<td>3</td>
</tr>
<tr>
<td>PS 570</td>
<td>Comparative Political Systems</td>
<td>3</td>
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<tr>
<td>UI 350</td>
<td>Middle East Politics</td>
<td>3</td>
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**Choose 3 Hours From:**

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<th>Course Title</th>
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<tr>
<td>WH 424</td>
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<td>WH 430</td>
<td>History of China &amp; Japan</td>
<td>3</td>
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<tr>
<td>WH 440</td>
<td>Modern Middle East</td>
<td>3</td>
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<tr>
<td>WH 520</td>
<td>Latin American Colonial History</td>
<td>3</td>
</tr>
<tr>
<td>WH 524</td>
<td>History of Mexico</td>
<td>3</td>
</tr>
<tr>
<td>WH 550</td>
<td>The Atlantic World</td>
<td>3</td>
</tr>
<tr>
<td>UI 304</td>
<td>History &amp; Culture of West Africa</td>
<td>3</td>
</tr>
<tr>
<td>UI 503</td>
<td>Alexander the Great</td>
<td>3</td>
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**Choose 3 Hours From:**

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<tbody>
<tr>
<td>SO 305</td>
<td>American Minority Relations</td>
<td>3</td>
</tr>
<tr>
<td>SO 360</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>SO 365</td>
<td>Juvenile Delinquency</td>
<td>3</td>
</tr>
<tr>
<td>SO 370</td>
<td>The Family</td>
<td>3</td>
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**Choose 6 Hours From:**

**SPANISH EDUCATION**

**36 Hour Major - No Minor Required**

**Required Courses:**

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<td>SN 120</td>
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<td>Hispanic Literature</td>
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<td>SN 300</td>
<td>Spanish American Culture</td>
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<td>SN 306</td>
<td>Civilization of Spain</td>
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**Choose 3 Hours From:**

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<td>Contemporary Spanish Literature</td>
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<td>UI 338</td>
<td>Rural Sociology</td>
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<tr>
<td>UI 302</td>
<td>Westward Movement</td>
<td>3</td>
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<td>UI 401</td>
<td>American Cultural Landscapes</td>
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<td>PS 335</td>
<td>American Foreign Policy</td>
<td>3</td>
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<td>PS 360</td>
<td>Political Parties &amp; Voting Behavior</td>
<td>3</td>
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<td>PS 365</td>
<td>Legislative Process in the U.S.</td>
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<td>PS 390</td>
<td>The American Judicial System</td>
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<td>UI 357</td>
<td>Early Am Political Thought</td>
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**Choose 6 Hours From:**

**US History Courses (300-500 level):**

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<tbody>
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<td>WH 424</td>
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<td>3</td>
</tr>
<tr>
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<tr>
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<tbody>
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<td>American Minority Relations</td>
<td>3</td>
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<td>SO 360</td>
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<td>3</td>
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<tr>
<td>SO 365</td>
<td>Juvenile Delinquency</td>
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<tr>
<td>SO 370</td>
<td>The Family</td>
<td>3</td>
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</table>
**Bachelor of Science in Education Degree**

**(Southeast Missouri State University 2003-04)**

(Only one course may be selected from each of the areas of composition, conversation, commercial, grammar)

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SN 301</td>
<td>Intermediate Spanish Composition</td>
<td>(3)</td>
</tr>
<tr>
<td>SN 305</td>
<td>Intermediate Spanish Conversation</td>
<td>(3)</td>
</tr>
<tr>
<td>SN 316</td>
<td>Commercial Spanish</td>
<td>(3)</td>
</tr>
<tr>
<td>SN 330</td>
<td>Spanish Grammar</td>
<td>(3)</td>
</tr>
<tr>
<td>SN 335</td>
<td>Crit Rdgs in Hispanic Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>SN 530</td>
<td>Adv Spnsh Conversation/Comp</td>
<td>(3)</td>
</tr>
<tr>
<td>SN 541</td>
<td>Spanish Writing Skills</td>
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Choose 6 Hours SN Electives (300-500 level)

**Additional Requirement:**

Choose 3 Hours From:

<table>
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<tbody>
<tr>
<td>AN 101</td>
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<td>(3)</td>
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<tr>
<td>AN 360</td>
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<td>(3)</td>
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<tr>
<td>GH 125</td>
<td>Islamic Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>GH 130</td>
<td>Latin American Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>GG 160</td>
<td>American Peoples &amp; Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>UI 375</td>
<td>European Film</td>
<td>(3)</td>
</tr>
<tr>
<td>WH 370</td>
<td>Europe in the 20th Century</td>
<td>(3)</td>
</tr>
<tr>
<td>WH 424</td>
<td>South Americas</td>
<td>(3)</td>
</tr>
<tr>
<td>WH 520</td>
<td>Latin America Colonial History</td>
<td>(3)</td>
</tr>
<tr>
<td>WH 524</td>
<td>Hist of Mexico Since 1810</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**SPEECH EDUCATION**

34-35 Hour Major - No Minor Required

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 155</td>
<td>Fund of Interpers Communication</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 200</td>
<td>Advanced Public Speaking</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 310</td>
<td>Speech Writing</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 240/TH 140</td>
<td>Oral Interpretation</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 305</td>
<td>Theories of Communication</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 314</td>
<td>Argumentation &amp; Problem Solving</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 100</td>
<td>Theatre Appreciation</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 101</td>
<td>Acting for Non-Majors</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 231</td>
<td>Stagecraft I</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 385</td>
<td>Directing</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Choose 1-2 Hours From:**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 160</td>
<td>Intercollegiate Debate</td>
<td>(2)</td>
</tr>
<tr>
<td>SC 161</td>
<td>Intercollegiate Debate</td>
<td>(2)</td>
</tr>
<tr>
<td>TH 241</td>
<td>Practicum in Acting &amp; Directing</td>
<td>(1)</td>
</tr>
<tr>
<td>TH 243</td>
<td>Practicum in Technical Theatre</td>
<td>(1)</td>
</tr>
</tbody>
</table>

**Choose 6 Hours From One of the Following Categories:**

**SPEECH COMMUNICATION**

Choose 3 Hours From:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 215</td>
<td>Intercultural Communication</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 320</td>
<td>Group Comm &amp; Decision-Making</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 335</td>
<td>Interviewing: Princ &amp; Prac</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 355</td>
<td>Relational Comm Strategies</td>
<td>(3)</td>
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</table>

**Choose 3 Hours From:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 200</td>
<td>Advanced Public Speaking</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 310</td>
<td>Speech Writing</td>
<td>(3)</td>
</tr>
<tr>
<td>SC 401</td>
<td>Political Communication</td>
<td>(3)</td>
</tr>
<tr>
<td>UI 320</td>
<td>The Modern Presidency</td>
<td>(3)</td>
</tr>
<tr>
<td>UI 425</td>
<td>Persuasion</td>
<td>(3)</td>
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</table>

**THEATRE**

Choose 3 Hours From:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 315</td>
<td>Stage Movement</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 350</td>
<td>Stage Lighting</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 371</td>
<td>Scenic Design</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 420</td>
<td>Advanced Acting</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Choose 3 Hours From:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 285</td>
<td>Script Analysis</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 490</td>
<td>Theatre History I</td>
<td>(3)</td>
</tr>
<tr>
<td>TH 495</td>
<td>Theatre History II</td>
<td>(3)</td>
</tr>
</tbody>
</table>
Bachelor of Science in Family and Consumer Sciences Education Degree

For students planning to teach occupational family and consumer sciences or consumer homemaking in junior high or secondary schools.

FAMILY AND CONSUMER SCIENCES EDUCATION
44 Hour Major - No Minor Required

Required Courses:
- CF 102 Personal & Family Relationships (2)
- CF 120 The Child: Devel/Conception to Adolsc (3)
- CF 430 Parent Child Interaction (3)
- CT 230 Apparel Analysis (3)
- FE 303 Management of Family Resources (3)
- FE 514 Family Financial Counseling (3)
- FN 205 Selection & preparation of Foods (3)
- FN 235 Nutrition for Health (3)
- HE 520 Tech of Teaching Nutrition & Health (3)
- HL 310 Health Instruction (3)
- OR
- HL 312 Contemporary Drug Use (3)
- UI 340 Housing Perspectives (3)
- UI 355 Consumer & the Market (3)

Choose 3 Hours From:
- CF 208 Intimate Environment (3)
- CF 402 Marriage Interactions (3)

Choose 3 Hours From:
- PY 325 Psych Devlpmnt of the Family (3)
- SO 370 The Family (3)

Additional Elective Hours Approved by Advisor (3)

Professional Education Requirements: 37 Hours

Block I: 5 Hours
- EM 102 Technology & the Teacher’s Role (1)
- PY 222 Development of the Adolescent (3)
- SE 222 Secondary Block I Field Experience (1)

Block II: 12 Hours
- EF 200 School & Society (2)
- SE 270 Secondary Block II Field Experience (3)
- SE 271 Theories of Learning & Management (2)
- SE 272 Teaching Reading/Secondary School (2)
- SE 273 Fund of High School Education (3)

Block III: 7 Hours
- EX 390 Psych & Education of Excep Child (3)
- SE 312 Tech of Tchng Vocational Home Econ (3)
- SE 370 Secondary Block III Field Experience (1)

Block IV: 13 Hours
- EF 400 Seminar/Educ Issues for Student Teachers (1)
- SE 463 Student Teaching Secondary (1st) (6)
- SE 464 Student Teaching Secondary (2nd) (6)

Additional Requirements: 33 Hours
- BS 107 Investigation sin Biology (3)
- EL 274 Diversity in American Schools (3)
- OR
- SO 102 Society, Culture and Social Behavior (3)
- EN 100 English Composition (3)
- EN 140 Rhetoric & Critical Thinking (3)
- LI xxx Literature course (200-500 level) (3)
- MA 134 College Algebra (3)
Bachelor of Music Education Degree

Southeast Missouri State University 2003-04

Physical Systems course (3-5)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL xxx</td>
<td>Philosophy course (3)</td>
</tr>
<tr>
<td>PS 103</td>
<td>U. S. Political Systems (3)</td>
</tr>
<tr>
<td>SC 105</td>
<td>Fundamentals of Oral Communication (3)</td>
</tr>
<tr>
<td>US 105 or US 107</td>
<td>American History I or II (3)</td>
</tr>
</tbody>
</table>

Bachelor of Music Education Degree

For students planning to teach elementary or secondary school music.

MUSIC EDUCATION

68-69 Hour Major - No Minor Required
(A grade of 'C' or better is required for all courses within the major.)

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 001</td>
<td>Senior Recital (0)</td>
</tr>
<tr>
<td>ME 450</td>
<td>Synth of Mus Ed Method (3)</td>
</tr>
<tr>
<td>MM 101</td>
<td>Theories of Music in Culture (3)</td>
</tr>
<tr>
<td>MM 102</td>
<td>Basic Harmony &amp; Form (3)</td>
</tr>
<tr>
<td>MM 105</td>
<td>Aural Skills I (1)</td>
</tr>
<tr>
<td>MM 106</td>
<td>Aural Skills II (1)</td>
</tr>
<tr>
<td>MM 203</td>
<td>Adv Harmony, Form &amp; Counterpoint (3)</td>
</tr>
<tr>
<td>MM 204</td>
<td>Twentieth Century Techniques (3)</td>
</tr>
<tr>
<td>MM 207</td>
<td>Aural Skills III (1)</td>
</tr>
<tr>
<td>MM 208</td>
<td>Aural Skills IV (1)</td>
</tr>
<tr>
<td>MH 251</td>
<td>History &amp; Lit of Music to 1827 (3)</td>
</tr>
<tr>
<td>MH 252</td>
<td>Evolution of Musical Style Since 1827 (3)</td>
</tr>
<tr>
<td>MP 1xx</td>
<td>Applied Music (2)</td>
</tr>
<tr>
<td>MP 2xx</td>
<td>Applied Music (2)</td>
</tr>
<tr>
<td>MP 3xx</td>
<td>Applied Music (2)</td>
</tr>
<tr>
<td>MP 4xx</td>
<td>Applied Music (1)</td>
</tr>
<tr>
<td>MU 001</td>
<td>Piano Proficiency (0)</td>
</tr>
<tr>
<td>MU 002</td>
<td>Sophomore Review (0)</td>
</tr>
<tr>
<td>MU 110</td>
<td>Recitals &amp; Concerts (seven semesters) (0)</td>
</tr>
<tr>
<td>MU 151</td>
<td>Functional Piano I (1)</td>
</tr>
<tr>
<td>MU 152</td>
<td>Functional Piano II (1)</td>
</tr>
<tr>
<td>MU 253</td>
<td>Functional Piano III (1)</td>
</tr>
<tr>
<td>MU 254</td>
<td>Functional Piano IV (1)</td>
</tr>
<tr>
<td>MU 341</td>
<td>Basic Conducting (2)</td>
</tr>
<tr>
<td>UI 310</td>
<td>American Musical Experience (3)</td>
</tr>
<tr>
<td>UI 402</td>
<td>Music in World Cultures (3)</td>
</tr>
</tbody>
</table>

Choose three hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UI 315</td>
<td>Electronics &amp; Computers in Music (3)</td>
</tr>
<tr>
<td>UI 392</td>
<td>The Age of Romanticism (3)</td>
</tr>
<tr>
<td>UI 393</td>
<td>The Age of Modernism (3)</td>
</tr>
<tr>
<td>UI 394</td>
<td>Music &amp; Culture: 1600-1750 (3)</td>
</tr>
<tr>
<td>UI 396</td>
<td>The Age of Beethoven (3)</td>
</tr>
<tr>
<td>UI 397</td>
<td>Music in Medieval &amp; Renaissance Culture (3)</td>
</tr>
</tbody>
</table>

Choose One Option:

INSTRUMENTAL (21 Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 250</td>
<td>Trumpet &amp; Horn Techniques (1)</td>
</tr>
<tr>
<td>ME 251</td>
<td>Trombone/Euphonium/Tuba Tech (1)</td>
</tr>
<tr>
<td>ME 252</td>
<td>Flute &amp; Double Reed Techniques (1)</td>
</tr>
<tr>
<td>ME 253</td>
<td>Single Reed Techniques (1)</td>
</tr>
<tr>
<td>ME 260</td>
<td>String Techniques (2)</td>
</tr>
<tr>
<td>ME 261</td>
<td>Percussion Techniques (2)</td>
</tr>
<tr>
<td>ME 300</td>
<td>Marching Band Techniques I (.5)</td>
</tr>
<tr>
<td>ME 400</td>
<td>Marching Band Techniques II (.5)</td>
</tr>
<tr>
<td>MU 220</td>
<td>Voice Class (2)</td>
</tr>
<tr>
<td>MU 344</td>
<td>Conducting/Wind Lit (2)</td>
</tr>
<tr>
<td>MU 3xx</td>
<td>Choral Ensemble (1)</td>
</tr>
<tr>
<td>MU 3xx</td>
<td>Instrumental Ensemble (7)</td>
</tr>
</tbody>
</table>

VOCAL (20 Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 281</td>
<td>Instr Fundamentals (2)</td>
</tr>
<tr>
<td>ME 443</td>
<td>Choral Literature (2)</td>
</tr>
<tr>
<td>ME 473</td>
<td>Tech of Teaching Choral Lit (2)</td>
</tr>
<tr>
<td>MP xxx</td>
<td>Applied Piano (2)</td>
</tr>
<tr>
<td>MU 114</td>
<td>Singer's Diction (2)</td>
</tr>
<tr>
<td>MU 343</td>
<td>Conducting/Choral Lit (2)</td>
</tr>
<tr>
<td>MU 3xx</td>
<td>Choral Ensemble (7)</td>
</tr>
<tr>
<td>MU 424</td>
<td>Vocal Pedagogy (2)</td>
</tr>
</tbody>
</table>

Professional Music Education Requirements:
Bachelor of Music Degree
Southeast Missouri State University 2003-04

Instrumental & Vocal - 39 Hours

Block I: 6 Hours
- EM 102: Technology & the Teacher’s Role (1)
- ME 222: Principles of Teaching Music (2)
- PY 222: Development of the Adolescent (3)

Block II: 13 Hours
- EF 200: School & Society (2)
- ME 270: Field Experience Block II (3)
- ME 271: Theories/Learning & Management (2)
- ME 272: Techniques/Teaching Reading in Music (2)
- ME 371: General Music Methods: Elem & Sec (4)

Block III: 7 Hours
- EX 390: Psychology & Educ of the Excep Child (3)
- ME 370: Field Experience Block III (1)
- ME 372: Instrumental Techniques: Elem & Sec (3)
- ME 373: Choral Techniques: Elem & Sec (3)

Block IV: 13 Hours
- EF 400: Seminar/Educ Issues for Student Teachers (1)
- SE 463: Student Teaching Experience I (6)
- SE 464: Student Teaching Experience II (6)

Additional Requirements: 27 Hours
(Courses may also meet University Studies requirements)
- EN 100: English Composition (3)
- EN 140: Rhetoric & Critical Thinking (3)
- US 105: American History I (3)
- OR
- US 107: American History II (3)
- MA 134: College Algebra or more advanced course (3)
- PL 245: Social Philosophy (3)

Bachelor of Music Degree

Designed for students with an interest in professional careers in music. Options are available in performance or composition.

MUSIC
79-85 Hour Major - No Minor Required
(A grade of ‘C’ or better is required for all courses within the major.)

Required Courses:
- MH 251: Hist & Lit of Music to 1827 (3)
- MH 252: Hist & Lit of Music from 1827 (3)
- MM 101: Theories of Music in Culture (3)
- MM 102: Basic Harmony & Form (3)
- MM 105: Aural Skills I (1)
- MM 106: Aural Skills II (1)
- MM 203: Adv Harmony, Form & Counterpoint (3)
- MM 204: Twentieth Century Techniques (3)
- MM 207: Aural Skills III (1)
- MM 208: Aural Skills IV (1)
- MM 503: Seminar in Music Theory (3)
- MU 001: Piano Proficiency (0)
- MU 002: Sophomore Review (0)
- MU 110: Recitals & Concerts (0)
- MU 151: Functional Piano I (1)
- MU 152: Functional Piano II (1)
- MU 253: Functional Piano III (1)
- MU 254: Functional Piano IV (1)
- MU 300: Junior Recital (1)
- MU 341: Basic Conducting (2)
- MU 400: Senior Recital (2)
- UI 310: American Musical Experience (3)
- UI 315: Electronics & Computers in Music (3)
- UI 402: Music in World Cultures (3)

Choose One Option:
Bachelor of Science in Nursing
Southeast Missouri State University 2003-04

INSTRUMENTAL PERFORMANCE (36 Hours)*

- MP 1xx Applied Music: Instrumental (2)
- MP 2xx Applied Music: Instrumental (4)
- MP 3xx Applied Music: Instrumental (6)
- MP 4xx Applied Music: Instrumental (6)
- MU 299 Chamber Music (4)
- MU 3xx Instrumental Ensemble (8)
- MU 430 Pedagogy: Applied Area (2)
- MU 432 Literature: Applied Area (2)
- MU xxx Music Electives MU 300 or above (2)

*Guitar Performance option listed below due to specialized courses for that option.

GUITAR PERFORMANCE (34 Hours)*

- MP 1xx Applied Music: Guitar (2)
- MP 2xx Applied Music: Guitar (4)
- MP 3xx Applied Music: Guitar (6)
- MP 4xx Applied Music: Guitar (6)
- MU 338 Lute & Guitar Tablature (2)
- MU 3xx Instrumental Ensemble (not including Guitar Ensemble) (2)
- MU 430 Pedagogy: Applied Area (2)
- MU 432 Literature: Applied Area (2)
- MU xxx Music Electives MU 300 or above (2)

VOCAL PERFORMANCE (38 Hours)

- MP 101 Applied Music: Voice (2)
- MP 202 Applied Music: Voice (4)
- MP 303 Applied Music: Voice (6)
- MP 403 Applied Music: Voice (6)
- MU 114 Singer’s Diction (2)
- MU 3xx Vocal Ensemble (8)
- MU 424 Vocal Pedagogy (2)
- OR
- MU 430 Pedagogy: Applied Area (2)
- MU 432 Literature: Applied Area (2)
- OR
- MU 540 Vocal Literature (2)
- MU xxx Music Elective MU 299 or above (6)

COMPOSITION (40 Hours)

- MP 197 Applied Music: Composition (2)
- MP 298 Applied Music: Composition (4)
- MP 399 Applied Music: Composition (6)
- MP 499 Applied Music: Composition (6)
- MP xxx Applied Music: Piano (2)
- MU 430 Pedagogy: Applied Area (2)
- MU 432 Literature: Applied Area (2)
- MU xxx Major Ensemble (8)
- MU xxx Music Electives MU 299 or above (8)

Bachelor of Science in Nursing

The Bachelor of Science in Nursing (BSN) degree may be taken as a (1) professional program in nursing that prepares graduates to meet all requirements for making application to the Missouri State (or other state) Board of Nursing to write the national examination for licensure as a registered nurse (RN) in Missouri, and (2) baccalaureate completion (RN to BSN) program in nursing after licensure as a registered nurse. See Admission to Nursing Programs criteria under Admissions, page 12. To be retained in the nursing program students must maintain at least a cumulative GPA of 2.0 in academic work at the University. Students who receive a grade below a ‘C’ in any nursing course or any required support course are not eligible to continue in the program, and must apply for readmission to the Department of Nursing Student Affairs Committee.

NURSING

58 Hour Major - No Minor Required

Required Nursing Courses (BSN):

- NS 009 Comprehensive Exam (2)
- NS 180 The Nursing Profession (2)
- NS 181 Pro Practice: Clinical Skills (2)
- NS 182 Pro Practice: Rural Nursing (1)
- NS 183 Phys Aspects of Well Client (3)
- NS 184 Emotional/Spiritual Aspects Well Client (3)
- NS 281 Pro Practice: Family Nursing I (3)
- NS 282 Pro Practice: Family Nursing II (3)
### Required Support Courses (BSN):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 283</td>
<td>Pro Practice: Med-Surg Nursing I</td>
<td>(6)</td>
</tr>
<tr>
<td>NS 383</td>
<td>Pro Practice: Med-Surg Nursing II</td>
<td>(6)</td>
</tr>
<tr>
<td>NS 384</td>
<td>Pro Practice: Mental Health Nursing</td>
<td>(3)</td>
</tr>
<tr>
<td>NS 385</td>
<td>Research in Pro Practice</td>
<td>(2)</td>
</tr>
<tr>
<td>NS 386</td>
<td>Pro Practice: Comm Health Nursing</td>
<td>(6)</td>
</tr>
<tr>
<td>NS 480</td>
<td>Pro Practice: Leadership and Mgt</td>
<td>(6)</td>
</tr>
<tr>
<td>NS 481</td>
<td>Advanced Assessment</td>
<td>(1)</td>
</tr>
<tr>
<td>NS 482</td>
<td>Professional Seminar</td>
<td>(1)</td>
</tr>
<tr>
<td>NS 483</td>
<td>Pro Practice: Care of the Frail Elderly</td>
<td>(2)</td>
</tr>
<tr>
<td>NS 484</td>
<td>Comprehensive Pro Practice</td>
<td>(6)</td>
</tr>
</tbody>
</table>

### Required Support Courses (BSN):

- BS 113/013 Anatomy & Physiology I (3)
- BS 114/014 Anatomy & Physiology II (3)
- CH 180 Chemistry in Our World (3)
- BS 340 Microorganisms & Their Human Hosts (3)

**OR**

- BI 200 General Microbiology (3)
- EN 140 Rhetoric & Critical Thinking (3)
- FN 235 Nutrition for Health (3)
- NS 232 Altrd Hlth & Pharm Mgt I (3)
- NS 234 Altrd Hlth & Pharm Mgt II (3)
- NS 236 Altrd Hlth & Pharm Mgt II Lab (1)
- PY 220 Psych Devel Across the Life Span (3)
- UI 412 Amer Health Care Systems & Issues (3)

**xx xxx** Statistics course approved by advisor (3)

### Required Nursing Courses (RN to BSN):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 380</td>
<td>Holistic Assessment &amp; Diagnosis</td>
<td>(4)</td>
</tr>
<tr>
<td>NS 385</td>
<td>Research in Professional Practice</td>
<td>(2)</td>
</tr>
<tr>
<td>NS 386</td>
<td>Professional Practice: Community Health Nursing</td>
<td>(6)</td>
</tr>
</tbody>
</table>

NS 390 Framework for Professional Nursing (4)

NS 480 Professional Practice: Leadership & Management (6)

For required support courses and advanced placement credit information contact the Department of Nursing.

### Associate Degrees

The following statements pertain to all associate degrees:

- A minimum of 20 hours must be completed in residence at Southeast.
- The student’s last term must be completed in residence at Southeast, except that, in the case where six or fewer hours are needed to meet the total number of hours required for graduation, they may be taken from another accredited college or university, or by correspondence or extension, subject to the rules governing extension courses and transfer of credit.
- A minimum cumulative GPA of 2.0 is required for graduation.
- A minimum 2.0 GPA for all of the degree credit attempted at Southeast is required in the major and overall.
- The student must pass EN 099 or EN 110; and MA 095; or score at the appropriate levels on placement tests to have the courses waived. Additionally, the following statements pertain to all associate of arts degrees:
  - The University Studies Program, consisting of 21 hours, is required.
  - A minimum of 64 hours of degree credit (courses numbered 100-599) is required for graduation.

### ASSOCIATE OF APPLIED SCIENCE IN CHILD CARE AND GUIDANCE

Granted upon completion of a two-year program in human environmental studies and related disciplines.

- Minimum Degree requirements: 65 Hours
- University Studies requirements: 21 Hours
- Required Courses: 37 Hours
- Additional Requirements: 7 Hours

#### Required Courses:

- CF 102 Personal & Family Relations (2)
- CF 120 The Child: Dev/Concept to Adolesc (3)
**Associate Degrees**

**Southeast Missouri State University 2003-04**

**Core Requirements: 36 Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 100</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN 140</td>
<td>Rhetoric &amp; Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>IM 102</td>
<td>Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>IS 175</td>
<td>Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
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<tr>
<td>AD 101</td>
<td>Intro Micro Applications</td>
<td>3</td>
</tr>
<tr>
<td>IS 275</td>
<td>Information Systems II</td>
<td>3</td>
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<td>OR</td>
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<tr>
<td>AD 339</td>
<td>Network Support Sys</td>
<td>3</td>
</tr>
<tr>
<td>MA 133</td>
<td>Plane Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>MA 134</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MN 260</td>
<td>Tech Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>PH 120</td>
<td>Introductory Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PH 121</td>
<td>Introductory Physics II</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH 181</td>
<td>Basic Principles of Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>SC 105</td>
<td>Fund of Oral Communications</td>
<td>3</td>
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</tbody>
</table>

*CH 181 required for Automated Manufacturing Option*

**Choose One 33 Hour Option:**

**AUTOMATED MANUFACTURING**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>ET 160</td>
<td>Basic Electricity &amp; Electronics</td>
<td>3</td>
</tr>
<tr>
<td>ET 194</td>
<td>Intro to PLC’s</td>
<td>3</td>
</tr>
<tr>
<td>IM 311</td>
<td>Statistical Process Control</td>
<td>3</td>
</tr>
<tr>
<td>MN 170</td>
<td>Industrial Materials &amp; Testing</td>
<td>3</td>
</tr>
<tr>
<td>MN 203</td>
<td>Industrial Materials &amp; Processes I</td>
<td>3</td>
</tr>
<tr>
<td>MN 204</td>
<td>Industrial Materials &amp; Processes II</td>
<td>3</td>
</tr>
<tr>
<td>MN 354</td>
<td>Computer Aided Mfg</td>
<td>3</td>
</tr>
<tr>
<td>MN 356</td>
<td>Robotics</td>
<td>3</td>
</tr>
<tr>
<td>MN 412</td>
<td>Advanced Manufacturing System</td>
<td>3</td>
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<tr>
<td>TG 120</td>
<td>Computer Aided Eng. Graphics</td>
<td>3</td>
</tr>
<tr>
<td>TG 220</td>
<td>Solid Modeling &amp; Rapid Prototyping</td>
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</table>

**Additional Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>AR 270</td>
<td>Art for the Elementary Teacher</td>
<td>3</td>
</tr>
<tr>
<td>AT 119</td>
<td>Children’s Rhythms</td>
<td>1</td>
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<tr>
<td>EN 100</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>EN 140</td>
<td>Rhetoric &amp; Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>LI 243</td>
<td>Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>PS 103</td>
<td>U.S. Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PS 104</td>
<td>Comparative Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>PY 101</td>
<td>Psych Persp on Human Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

**CPR CERTIFICATION IS REQUIRED FOR DEGREE**

**NOTE:** MA 095 Intermediate Algebra is required unless waived by appropriate score on ACT Math subtest.

**ASSOCIATE OF APPLIED SCIENCE IN COMPUTER TECHNOLOGY**

The purpose of the program is to prepare individuals for entry-level positions in industry.

**69 Hours Required**
Pre-Professional Programs

Pre-professional programs available at the University include pre-architecture, pre-chiropractic, pre-dental, pre-engineering, pre-law, pre-medical, pre-optometry, pre-pharmaceutical, pre-physical therapy, pre-veterinary, and pre-vocational agriculture education.

PRE-ARCHITECTURE CURRICULUM

Students should complete a prescribed program of 34-45 credit hours at the University to apply toward a degree in architecture from Kansas State University. Students planning to transfer to another architecture school should consult with an advisor from that institution. All students must consult with the pre-architecture advisor in the Department of Industrial and Engineering Technology prior to the beginning of their program of study.

PRE-CIROPRACTIC CURRICULUM

Schools of chiropractic medicine usually require the completion of at least 90 credits prior to admission. The specific required courses usually include biology (8-10 credits), chemistry (18-20 credits), English (6 credits), physics (8-10 credits), psychology, and social sciences/humanities (15-20 credits). If you enter without a degree, many professional schools will grant a bachelor's degree when you have completed one-half of their curriculum.

There are not a large number of chiropractic schools in the United States and students should obtain the admission requirements from the schools to which they plan to apply. This information should then be used to plan the student's academic program. This planning is done in consultation with the pre-chiropractic advisor in the Department of Biology.

PRE-DENTAL CURRICULUM

Dental schools will admit students after they have earned 90 credits. These students, however, must have very strong academic credentials. Most admitted students will have completed a bachelor's degree (120+ credits) prior to entrance. Specific subject requirements are very similar to those required for admission to medical schools. Strong letters of reference, good admission test (DAT) scores, and a demonstrated motivation for dentistry are also necessary. Students should be prepared to apply to several professional schools and should plan their academic programs accordingly. This planning is done in consultation with the pre-dental advisor in the Department of Biology.

PRE-ENGINEERING CURRICULUM

The two-year pre-engineering curriculum is designed so that students can receive a degree from an engineering school after an additional two years of study. The curriculum is closely articulated with programs at the University of Missouri-Rolla and the University of Missouri-Columbia. Transfer brochures have been prepared in cooperation with both universities and are available to students. Students planning to attend another engineering school should consult the catalog from that institution and arrange their programs with a pre-engineering advisor. Students expecting to enroll in
the pre-engineering program should have a mathematics background in high school of at least one year of geometry, two years of algebra, and one year of pre-calculus mathematics which includes trigonometry. If these requirements are not met it will be necessary to correct any deficiencies upon entering the University. Generally, this necessitates attending an additional summer term prior to transferring. Provisions have been made to accommodate students in this category. Students should complete from 64 to 68 credit hours prior to transferring if they expect to complete an engineering degree in four years. This includes not only required courses in mathematics, physics, and engineering, but also courses in the humanities and the social sciences. Students who maintain a high academic standing will be eligible for transfer scholarships. A preengineering advisor in the Department of Physics and Engineering Physics should be consulted for details regarding the preengineering program.

PRE-LAW CURRICULUM

Students interested in attending law school after graduation should understand that there is no single pre-law curriculum. Rigidly structured “pre-law majors” are in fact strongly discouraged by schools of law. A wide variety of undergraduate majors are suitable as law school preparation, provided that they have a strong academic content. Courses that develop a student’s ability to think logically and to express thoughts lucidly in written form are strongly suggested. While there is no specific “pre-law major”, the Department of Political Science, Philosophy, and Religion provides pre-law advising to those students, regardless of actual major, who are considering a career in law. Such advising includes recommending to students various schools of law which may be most appropriate for them, assisting students with the law school application process (including the Law School Admission Test), and recommending undergraduate preparation for the subsequent law school experience.

PRE-MEDICAL CURRICULUM

Most medical schools require a bachelor’s degree (120+ credits) to be earned before entrance. There are a few schools that will allow entrance after having earned 90 credits, but only students with very strong academic credentials will be considered for acceptance. Specific subject requirements include English (6-9 credits), biology (15-20 credits), chemistry (18-20 credits), physics (10 credits), and mathematics (courses essential for the chemistry and physics courses, college algebra/trigonometry; a few professional schools require calculus). In addition to good course grades, strong letters of reference, good admission test (MCAT) scores, and a demonstrated motivation for medicine are necessary. Students should consult the catalogs of the professional schools to which they plan to apply and plan their course programs accordingly. This planning is done with advice from the pre-medical advisors in the Department of Biology.

PRE-OPTOMETRY CURRICULUM

Optometry schools have admission requirements that are very similar to those for dental schools. They will admit students who have completed 90 credits, but most admitted students have completed a bachelor’s degree. Course requirements are similar to dental schools, but most also have mathematics requirements that include one or two semesters of calculus. Other admission requirements will also be similar to those for dentistry, except the admission test (OAT) is different. There are only 17 optometry schools in the United States. Students should plan their course programs in a way that will allow them to apply to more than one school. This planning is done in consultation with the pre-optometry advisor in the Department of Biology.

PRE-PHARMACY CURRICULUM

Since there are more than 70 schools of pharmacy in the United States, pre-pharmacy should be advised according to the bulletin(s) of the school(s) to which the student is considering transfer. While each program is unique, most programs are either one or two years in length, and usually require chemistry, biology, physics, mathematics, and English, in addition to certain specified courses in other fields. Students interested in pre-pharmacy should contact Dr. Bruce Hathaway, the pre-pharmacy advisor in the Department of Chemistry as early as possible in the enrollment process.

PRE-PHYSICAL THERAPY CURRICULUM

Most physical therapy programs require completion of a bachelor’s degree prior to admission (e.g., Southwest Missouri State University). Students preparing for application to such programs must declare a major at Southeast in addition to enrolling in the pre-physical therapy program. Health Management, Biology, Chemistry and Human Environmental Studies/Dietetics option majors are particularly complementary to physical therapy preparation as they include many of the prerequisite courses. Prerequisite courses commonly include biology, chemistry, mathematics, psychology and English. Some physical therapy programs accept transfer students after completion of 60 hours of prerequisite courses, after which students continue as juniors in a combined BS/MS program (e.g., University of Mis-
Southeast Missouri State University 2003-04

Pre-Professional Programs

souri-Columbia). Students planning to apply to such programs do not need to declare a major at Southeast but should enroll in the pre-physical therapy program. Because each physical therapy program designates its own requirements for admission, students should pay close attention to the prerequisites of schools where they plan to apply. Students pursuing prephysical therapy should contact the Department of Health, Human Performance and Recreation as early as possible in the enrollment process.

PRE-VETERINARY CURRICULUM

Students preparing for application to a professional Veterinary Medicine Program for completion of a Doctor of Veterinary Medicine (D.V.M.) degree must enroll in a pre-professional program. The minimum requirements for admission to most professional programs include 64 hours of course work (the pre-professional program), completion of the Graduate Record Exam (GRE), and acceptance by the College of Veterinary Medicine to which the student makes application. Specific subjects required in the pre-professional program include English, college algebra, biology, chemistry (inorganic, organic and biochemistry), physics, and certain University Studies courses. Courses in animal science are also recommended. Students should consult the current catalog of the College of Veterinary Medicine they plan to attend and develop their program in conference with the Pre-Veterinary Medicine advisor. Students enrolled in the pre-professional program should plan a four-year degree program along with the Pre-Veterinary Medicine program. Students enrolling at Southeast Missouri State University will find majors in Agriculture, Chemistry, or Biology particularly complementary to the D.V.M. program. For more information, contact the School of Polytechnic Studies Advising Center.

PRE-VOCATIONAL AGRICULTURE EDUCATION CURRICULUM

Students interested in certification to teach Vocational Agriculture enroll in a three-year pre-agriculture education program and complete the fourth year at a certifying institution. University Studies, core courses in agriculture, and agricultural mechanization may be completed prior to transfer. Students will apply for admission to a teacher education program after transferring. Agricultural education prepares students to be instructors of vocational agriculture in public high schools and area vocational technical schools. It can also prepare students for careers in many other areas such as agricultural business and industry. Students may specialize in particular fields such as mechanization, economics, agronomy or horticulture. It is an exciting field that provides the opportunity to guide and develop, through instruction, the future leaders of our nation’s agricultural industry.