BACCALAUREATE DEGREES

The following statements pertain to all baccalaureate degrees:

• A minimum of 120 hours of undergraduate degree credit (courses numbered 100-599) is required.
• 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.
• Required completion of Student Transitions Career Proficiency Checks CL 001, CL 002, CL 003, and CL 004.
• Required completion of WP 003 and, at the senior level, the California Critical Thinking Skills Test.
• 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 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, the major in Mass Communication 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, the Mass Communication major 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.

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 123
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
## Majors

### Southeast Missouri State University 2006-07

<table>
<thead>
<tr>
<th>College of Science &amp; Mathematics (Sci&amp;Math)</th>
<th>RDHS Hall, room 102D</th>
<th>(573) 651-2173</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Polytechnic Studies (Polytech)</td>
<td>SeaBacha Polytechnic Building, room 301</td>
<td>(573) 986-6746</td>
</tr>
<tr>
<td>School of University Studies</td>
<td>Academic Hall, room 317</td>
<td>(573) 986-7328</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Degree</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts (BA)</td>
<td>86</td>
</tr>
<tr>
<td>Bachelor of Fine Arts (BFA)</td>
<td>92</td>
</tr>
<tr>
<td>Bachelor of General Studies (BGS)</td>
<td>94</td>
</tr>
<tr>
<td>Bachelor of Science (BS)</td>
<td>94</td>
</tr>
<tr>
<td>Bachelor of Science in Bus Admin (BSBA)</td>
<td>111</td>
</tr>
<tr>
<td>Bachelor of Science in Education (BSED)</td>
<td>115</td>
</tr>
<tr>
<td>Bachelor of Family &amp; Consumer Sciences Education (BFCSE)</td>
<td>124</td>
</tr>
<tr>
<td>Bachelor of Music Education (BME)</td>
<td>125</td>
</tr>
<tr>
<td>Bachelor of Music (BM)</td>
<td>126</td>
</tr>
<tr>
<td>Bachelor of Science in Nursing (BSN)</td>
<td>127</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>MAJOR/DEGREE</th>
<th>DEPARTMENT/COLLEGE</th>
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</thead>
<tbody>
<tr>
<td>Accounting/BBA</td>
<td>Acct &amp; MIS/Bus</td>
</tr>
<tr>
<td>Administrative Systems Mgt/BBA</td>
<td>Acct &amp; MIS/Bus</td>
</tr>
<tr>
<td>Accounting</td>
<td>(see Business)</td>
</tr>
<tr>
<td>Agricultural Science/BSE</td>
<td>Agriculture/Polytech</td>
</tr>
<tr>
<td>Anthropology/BA</td>
<td>For Lang &amp; Anthro/Lib Arts</td>
</tr>
<tr>
<td>Animal Science</td>
<td>(see Agriculture)</td>
</tr>
<tr>
<td>Animal Science/BSE</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Architecture/SCI&amp;MATH</td>
<td>Architecture/SCI&amp;MATH</td>
</tr>
<tr>
<td>Art/BA, BFA, BSED</td>
<td>Art/BA, BFA, BSED</td>
</tr>
<tr>
<td>Athletic Training</td>
<td>(see Health Management)</td>
</tr>
<tr>
<td>Biology/BS, BSED</td>
<td>Biology/SCI&amp;MATH</td>
</tr>
<tr>
<td>Business &amp; Marketing Education/BSE</td>
<td>Business &amp; Marketing Education/BSE</td>
</tr>
<tr>
<td>Chemistry/BA, BS, BSED</td>
<td>Chemistry/SCI&amp;MATH</td>
</tr>
<tr>
<td>Child Care &amp; Guidance/AA</td>
<td>Human Envir. Studies</td>
</tr>
<tr>
<td>Child Development</td>
<td>(see Human Envir. Studies)</td>
</tr>
<tr>
<td>Communication Disorders/BS</td>
<td>Comm Disorders/H&amp;HS</td>
</tr>
<tr>
<td>Communication Studies/BA</td>
<td>Communication/Lib Arts</td>
</tr>
<tr>
<td>Computer Information Systems/BS</td>
<td>Computer Sci/SCI&amp;MATH</td>
</tr>
<tr>
<td>Computer Science/BS</td>
<td>Computer Science/BS</td>
</tr>
<tr>
<td>Computer Technology/AAAS</td>
<td>Industrial Technology/Polytech</td>
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<tr>
<td>Corporate Communication/BS</td>
<td>Communication/SCI&amp;MATH</td>
</tr>
<tr>
<td>Criminal Justice/BS</td>
<td>Crim Justice &amp; Sociology/H&amp;HS</td>
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<tr>
<td>Corrections</td>
<td>(see Human Envir. Studies)</td>
</tr>
<tr>
<td>Law Enforcement</td>
<td>Law Enforcement</td>
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<tr>
<td>Security Management</td>
<td>Security Management</td>
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<tr>
<td>Dietetics</td>
<td>(see Human Envir. Studies)</td>
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<tr>
<td>Early Childhood Educ/BSE</td>
<td>Early Elem &amp; Special Educ/Ed</td>
</tr>
<tr>
<td>Economics/BS</td>
<td>Economics/SCI&amp;MATH</td>
</tr>
<tr>
<td>Economics/BBA</td>
<td>Economics &amp; Finance/Bus</td>
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<td>Economics/BS, BSE</td>
<td>(see Business Economies)</td>
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<td>Business Economies</td>
<td>(see Business Economies)</td>
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<tr>
<td>Financial Economics</td>
<td>(see Business Economies)</td>
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<tr>
<td>Elementary Education/BSED</td>
<td>Early Elem &amp; Special Educ/Ed</td>
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<td>Engineering Physics/BS</td>
<td>Physics &amp; Eng Phys/SCI&amp;MATH</td>
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<tr>
<td>Applied Physics &amp; Engineering</td>
<td>(see Engineering Physics)</td>
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<td>Computer Applications in Physics &amp; Engineering</td>
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<tr>
<td>Engineering Technology/BS</td>
<td>Industrial Technology/Polytech</td>
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<tr>
<td>Electrical &amp; Control</td>
<td>Manufacturing Systems</td>
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<tr>
<td>Environmental Science/BS</td>
<td>Environmental Sci/SCI&amp;MATH</td>
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<tr>
<td>Exceptional Child Educ/BSED</td>
<td>Early Elem &amp; Special Educ/Ed</td>
</tr>
<tr>
<td>Family &amp; Consumer Sciences</td>
<td>Human Envir. Studies/H&amp;HS</td>
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<tr>
<td>Family Studies</td>
<td>(see Human Envir. Studies)</td>
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<tr>
<td>Fashion Merchandising</td>
<td>(see Human Envir. Studies)</td>
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<tr>
<td>Finance/BSA</td>
<td>Economics &amp; Finance/BUS</td>
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<td>Fine Arts/FDA</td>
<td>College of Liberal Arts</td>
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<td>French/BA, BSED</td>
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<tr>
<td>General Studies/BGS</td>
<td>College Advising Center/Lib Arts</td>
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<tr>
<td>German/BA, BSED</td>
<td>For Lang &amp; Anthro/Lib Arts</td>
</tr>
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<td>Health Management/BS</td>
<td>Health, Hum Perf &amp; Rec/H&amp;HS</td>
</tr>
<tr>
<td>Health Promotion</td>
<td>Athletic Training</td>
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<td>Historic Preservation/BS</td>
<td>Exercise Science</td>
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<td>History/BBA</td>
<td>Health Promotion</td>
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<td>History/BA</td>
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<td>Hospitality Mgt/BS</td>
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<td>Fashion Merchandising</td>
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<td>Horticulture</td>
<td>(see Agric business)</td>
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<td>Interior Design</td>
<td>(see Human Envir. Studies)</td>
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<td>Human Resource Management</td>
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<td>Industrial Management</td>
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<td>Industrial Education/BSED</td>
<td>Industrial Technology/Polytech</td>
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<td>Construction Management &amp; Design</td>
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<td>Organizational Leadership</td>
<td>Mgmt &amp; Mktg/Bus</td>
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<td>Management Info. Systems/BSBA</td>
<td>Integrated Marketing Communication</td>
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<td>Marketing/BSBA</td>
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<td>Mass Communication</td>
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<td>Advertising/BS</td>
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<tr>
<td>Journalism/BA</td>
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<td>Public Relations/BS</td>
<td>Journalism/BA</td>
</tr>
<tr>
<td>Radio/BS</td>
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</tr>
<tr>
<td>Video Productions/BS</td>
<td>Radio/BS</td>
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<tr>
<td>Mathematics/BS</td>
<td>Mathematics/SCI&amp;MATH</td>
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<tr>
<td>Applied Mathematics &amp; Statistics</td>
<td>Mathematics/SCI&amp;MATH</td>
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<tr>
<td>Pure Mathematics</td>
<td>Applied Mathematics &amp; Statistics</td>
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<tr>
<td>Mathematics/BSED</td>
<td>Mathematics/SCI&amp;MATH</td>
</tr>
<tr>
<td>Medical Technology/BS</td>
<td>Chemistry/SCI&amp;MATH</td>
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<tr>
<td>Middle School Education</td>
<td>Middle &amp; Secondary Ed/Ed</td>
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<tr>
<td>Music/BA</td>
<td>Music/BA</td>
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<tr>
<td>Music/MBA</td>
<td>Music/BA</td>
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<tr>
<td>Music/Baudin</td>
<td>Music/Baudin</td>
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<tr>
<td>Music/Lib Arts</td>
<td>Music/Lib Arts</td>
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<tr>
<td>Composition</td>
<td>(see Musical Composition)</td>
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<tr>
<td>Instrumental Performance</td>
<td>Vocal Performance</td>
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<td>Vocal Performance</td>
<td>(see Vocal Performance)</td>
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</tbody>
</table>
Bachelor of Arts Majors  86
Southeast Missouri State University 2006-07

Music Education/BSE ...................................................... Music/Lib Arts
Instrumental
Vocal
Nursing/BSN ..................................................................... Nursing/H&HS
Organizational Administration/BSBA ................. Harrison College of Business
Organizational Leadership ........................................ (See Management)
Performing Arts/BFA .................................................. Theatre & Dance/Lib Arts
Philosophy/BA ............................................................... Pol Sci, Phil & Religion/Lib Arts
Physical Education, PK-12/BSED ................. Health, Hum Perf & Rec/H&HS
Physics/BS, BSED .................................................. Physics & Engr Physics/Sci&Math
Pol Sci, Phil & Religion/Lib Arts
Psychology/BS ............................................................... Psychology/Lib Arts
Public Relations ......................................................... (see Mass Communication)
Radio .............................................................................. (see Mass Communication)
Recreation/BS .......................................................... Health, Hum Perf & Rec/H&HS
Secondary Education ................................................... (see specific major)
Social Studies/BSED ................................................. History/Lib Arts
Social Work/BS ................................................................. Social Work/H&HS
Spanish/BA, BSED .................................................. Language & Anthropology/Lib Arts
Sports Management/BS ........................................ Health, Hum Perf & Rec/H&HS
Technical Graphics ....................................................... (see Industrial Technology)
Theatre & Dance/BA ............................................. Theatre & Dance/Lib Arts
Video Production ......................................................... (see Mass Communication)

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:

<table>
<thead>
<tr>
<th>Anthropology</th>
<th>Art</th>
<th>Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>German</td>
<td>History</td>
</tr>
<tr>
<td>Options: Chemistry</td>
<td>Mass Communication</td>
<td>Options: Chemistry</td>
</tr>
<tr>
<td>DNA Analysis</td>
<td>Option: Journalism</td>
<td>Forensic Science</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>Philosophy</td>
<td>Music</td>
</tr>
<tr>
<td>English</td>
<td>Political Science</td>
<td>Options: Literature</td>
</tr>
<tr>
<td>Options: Literature</td>
<td>Spanish</td>
<td>Writing</td>
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</table>

<table>
<thead>
<tr>
<th>THEATRE &amp; DANCE</th>
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</thead>
<tbody>
<tr>
<td>BACHELOR OF ARTS DEGREE</td>
</tr>
</tbody>
</table>

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

Additional Requirement:

xx xxx 12 Hours in One or Two Foreign Languages

ART

33-56 Hour Major
Minor Required
(see also Bachelor of Fine Arts degree)

Required Courses:
- AR 001 Freshman Core Review (0)
- AH 110 Art History Survey I (3)
- AH 210 Art History Survey II (3)
- AR 100 Drawing I (3)
- AR 104 Design Foundations (3)
- AR 150 Structural Figure Drawing (3)
- AR 201 Color Composition (3)
- AR 325 Painting (3)
- AR 332 Sculpture I (3)

Choose 6 Hours Additional Art History Courses (300-500 level)

Choose up to 24 hours of art/art history electives. Every year, two pieces of artwork must be entered in the Juried Student Assessment Exhibition.

CHEMISTRY

30 Hour Major

Required Core Courses
- CH 185 General Chemistry I (5)
- CH 186 General Chemistry II (3)
- CH 187 Qualitative Analysis (2)
- CH 271 Quantitative Analysis (4)
- CH 310 Introduction to Physical Chemistry (5)
- CH 341 Organic Chemistry I (4)
- CH 342 Organic Chemistry Laboratory I (1)
- CH 498 Professional Presentation in Chemistry (1)
- UI 443 Professional Experience in Chemistry (3)

Additional Requirements: 13 hours
- MA 139 Applied Calculus (3)
- PH 120 Introductory Physics I (5)
- PH 121 Introductory Physics II (5)
Bachelor of Arts Majors
Southeast Missouri State University 2006-07

Choose One Option:

CHEMISTRY OPTION - minor required
Choose 2 Hours of Chemistry Electives (300 level or higher)

DNA ANALYSIS OPTION - no minor required
BI 154  Genetics & Cellular Biology (4)
BI 200  General Microbiology (3)
BI 245  Lab Methods in Biotechnology (3)
BI 381  Genetics (3)
BI 450  Molecular Biology (3)
CH 420  Forensic Chemistry (4)
MA 423  Stat Analysis for Forensic Sci (3)
UI 331  Biochemistry I (3)

FORENSIC SCIENCE OPTION - no minor required
CH 343  Organic Chemistry II (3)
CH 420  Forensic Chemistry (4)
CI 100  Introduction to Criminal Justice (3)
CI 350  Evidence Collection and Preservation (3)
FS 550  Crime Laboratory I: Microscopy (2)
FS 550  Crime Laboratory II: Blood and Fluids (2)

Take one of the following courses:
CH 575  Chemical Instrumentation (4)
OR
EV 460  Introduction to Toxicology (3)

COMMUNICATION STUDIES

30 Hour Major - Minor Required

Required Courses:
SC 105  Fund of Oral Communication (3)
OR
SC 155  Fund of Interpers Communication (3)
SC 200  Advanced Public Speaking (3)
SC 320  Group Comm & Decision-Making (3)
UI 345  Nonverbal Communication (3)
UI 425  Persuasion (3)
OR
SC 560  Organizational Communication (3)

Choose 15 Hours from the Following:
SC 160  Intercollegiate Debate (2)
SC 161  Intercollegiate Debate (2)
SC 215  Intercultural Communication (3)
SC 310  Speech Writing (3)
SC 314  Argumentation & Problem Solving (3)
SC 330  Corporate & Professional Comm (3)
SC 335  Interviewing (3)
SC 355  Relational Comm Strategies (3)
SC 400  Advanced Debate (3)
SC 406  Negotiation & Conflict Mgmt (3)

SC 463  Independent Study (3)
SC 482  Special Problems in Comm Studies (3)
SC 483  Internship in Speech Comm (3)
SC 505  Semnr/Criticism Amer Pub Address (3)
SC 510  Leadership & Team Building (3)
SC 560  Organizational Communication (3)
UI 301  Managerial Communication (3)
UI 423  Political Communication (3)
UI 425  Persuasion (3)

ENGLISH

36 Hour Major - Minor Required

Required Courses:
Choose 6 Hours From:
EN 201  Writing About Literature (3)
EN 275  Intro to Creative Writing* (3)
EN 376  Advanced Composition (3)

*Required for Writing option

Choose 9 Hours From:
LI 260  English Lit I (3)
LI 261  English Lit II (3)
LI 270  American Lit I (3)
LI 271  American Lit II (3)

Choose 3 Hours From:
LI 311  World Literature I (3)
LI 312  World Literature II (3)

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

Choose One 15 Hour Option:

LITERATURE OPTION

Choose 3 Hours From:
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)

Choose 3 Hours From:
LI 476  Early Twentieth-Century British Literature (3)
LI 578  Studies in Later English Lit (3)
UI 341  Victorian Studies (3)

Choose 6 Hours From:
LI 320  African American Writers (3)
LI 421  Cross-Cultural Amer Voices (3)
LI 565  Southern Literature (3)
LI 568  19th Century American Novel (3)
LI 570  Modern/Contemp American Novel (3)
Bachelor of Arts Majors

Southeast Missouri State University 2006-07

LI 571 Contemporary American Poetry (3)
LI 576 Cyberpunk Fiction (3)

Choose 3 Hours From:
LI 510 Literature & the Bible (3)
LI 572 The Modern Essay (3)
LI 574 Australian Literature (3)
LI 587 Women and Madness (3)
UI 332 Images of Women in Literature (3)

WRITING OPTION

Choose 3 Hours From:
EN 376 Advanced Composition*
EN 550 Style in Writing (3)
LI 572 The Modern Essay (3)

*Unless taken in the core

Choose 3 Hours From:
LI 421 Cross-Cultural Amer Voices (3)
LI 542 Literature for the Young Adult (3)
LI 565 Southern Literature (3)
LI 570 Modern/Contemp American Novel (3)
LI 571 Contemporary American Poetry (3)
LI 576 Cyberpunk Fiction (3)

Choose 3 Hours From:
EN 301 Writing for Science & Technology (3)
EN 311 Literary Manuscript Editing Practicum (3)
EN 361 Internship in English (3)
LI 301 Small Press Publishing (3)

Choose 3 Hours From:
EN 470 Advanced Creative Writing: Poetry (3)
EN 478 Advanced Creative Writing: Fiction (3)

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

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)*

*If not taken elsewhere in the major

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

Choose 6 Hours From:
FL 311 Survey of FR, GN & SN Lit (3)
FR 311 Survey of French Literature I (3)
FR 415 17th Century French Literature (3)
FR 430 20th Century French Literature (3)

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

Additional Requirement:

Choose 3 Hours From:
EH 366 Age of French Rev & Napoleon (3)
EH 370 Europe in the 20th Century (3)
EH 514 History of Modern France (3)
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 Modern European Civilization (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:
FL 311 Survey of FR, GN & SN Lit (3)
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:
Bachelor of Arts Majors

Southeast Missouri State University 2006-07

(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)
GN 315 Commercial German (3)
GN 330 German Grammar (3)
GN 340 German Phonetics & Pronunciation (3)

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

Additional Requirement:

Choose 3 Hours From:

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

HISTORY

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
PY 271 Research Design and Analysis I (3)
MA 134 College Algebra (3)
MA 223 Elementary Prob & Statistics (3)
CS 120 Intro to Computer Science (3)

OR

SO 242 Statistics for Social Scientists (3)

MASS COMMUNICATION:

JOURNALISM OPTION

36 Hour Major - Minor Required

(A grade of 'C' or better is required for all courses within the major except MC 486 and MC 496 which are credit/no credit courses.)

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 320 Reporting (3)
MC 322 Publication Editing & Production (3)
MC 401 Communication Law (3)
MC 428 Editorial Page (3)
MC 486 Internship in Mass Communication (3)

OR

MC 496 Practicum in Mass Comm (3)

Choose one of the following:

MC 324 Feature Writing (3)
MC 426 Sportswriting (3)

Choose one of the following:

MC 425 Public Affairs Reporting (3)
MC 346 Electronic New Gathering (3)
MC xxx Mass Communication electives (6)

Additional Requirements:

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

NOTE: Of the 83 hours required outside of Mass Communication, 68 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)
**Bachelor of Arts Majors**

**Southeast Missouri State University 2006-07**

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<th>Credits</th>
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<td>MM 208</td>
<td>Aural Skills IV</td>
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<td>MH 251</td>
<td>History &amp; Lit of Music to 1827</td>
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<td>MH 252</td>
<td>Evolution of Musical Style Since 1827</td>
<td>3</td>
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<td>MP 1xx</td>
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<td>MP 2xx</td>
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<tr>
<td>MU 001</td>
<td>Piano Proficiency</td>
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<td>MU 110</td>
<td>Recitals &amp; Concerts (six semesters)</td>
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<td>MU 151</td>
<td>Functional Piano I</td>
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<tr>
<td>MU 152</td>
<td>Functional Piano II</td>
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<td>MU 253</td>
<td>Functional Piano III</td>
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<td>MU 3xx</td>
<td>Instrumental or Vocal Ensemble</td>
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<td>American Music Experience</td>
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<td>UI 402</td>
<td>Music in World Cultures</td>
<td>3</td>
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<td><strong>Choose 3 Hours From:</strong></td>
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<td>UI 315</td>
<td>Electronics &amp; Computers in Music</td>
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<td>UI 392</td>
<td>The Age of Romanticism</td>
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<td>UI 393</td>
<td>The Age of Modernism</td>
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<td>UI 394</td>
<td>Music &amp; Culture: 1600-1750</td>
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<td>UI 396</td>
<td>The Age of Beethoven</td>
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<td>UI 397</td>
<td>Music in Medieval &amp; Renaissance Culture</td>
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<td><strong>Additional Required Course for Vocal Option:</strong></td>
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<tr>
<td>MU 114</td>
<td>Singer's Diction</td>
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<td><strong>Additional Requirement for all BA Music majors:</strong></td>
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<td>xx xx</td>
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**PHILOSOPHY**

**31 Hour Major - Minor Required**

**Required Courses:**

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<td>PL 330</td>
<td>Symbolic Logic II</td>
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<td>PL 203</td>
<td>Aesthetics and The Arts</td>
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<td>PL 204</td>
<td>Ethical Theory</td>
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<td>PL 245</td>
<td>Social &amp; Political Philosophy</td>
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<td>Ancient Philosophy</td>
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<td>PL 310</td>
<td>Modern Philosophy</td>
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<td>Contemporary Philosophy</td>
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<td>PL 400</td>
<td>Seminar: Topics in Philosophy</td>
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<td>PL 450</td>
<td>Seminar: Metths &amp; Movmths in Philosophy</td>
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**Political Science**

**30 Hour Major - Minor Required**

**Required Courses:**

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<td>Senior Assessment</td>
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<td>PS 103</td>
<td>United States Political Systems</td>
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<tr>
<td>PS 104</td>
<td>Comparative Political Systems</td>
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<td>PS 240</td>
<td>Intro to Political Science</td>
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<td>PS 470</td>
<td>Politics of the Developed World</td>
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**American Government & Politics**

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<td>American Public Policy</td>
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<td>PS 310</td>
<td>Govt &amp; Politics in American States</td>
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<td>PS 335</td>
<td>American Foreign Policy</td>
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<td>PS 360</td>
<td>Political Parties &amp; Voting Behavior</td>
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<td>PS 365</td>
<td>Legislative Process</td>
<td>3</td>
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<td>PS 387-389</td>
<td>Independent Study in Poli Sci (1-3)</td>
<td>3</td>
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<tr>
<td>PS 390</td>
<td>American Judicial System</td>
<td>3</td>
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<tr>
<td>PS 418</td>
<td>Public Policy Analysis</td>
<td>3</td>
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<td>PS 490</td>
<td>Constitutional Law</td>
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<td>UI 320</td>
<td>Modern Presidency</td>
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**Comparative Governments & Politics**

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<td>PS 355</td>
<td>Less Developed Nations</td>
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<td>PS 37</td>
<td>Gov &amp; Pol of East Asia</td>
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<td>PS 387-389</td>
<td>Independent Study in Poli Sci (1-3)</td>
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<td>PS 460</td>
<td>Govt &amp; Politics West Europe</td>
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<td>UI 350</td>
<td>Middle East Politics</td>
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**International Politics**

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<td>Intro to Global Issues</td>
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<td>PS 335</td>
<td>American Foreign Policy</td>
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<td>PS 380</td>
<td>International Organizations</td>
<td>3</td>
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<td>PS 387-389</td>
<td>Independent Study in Poli Sci (1-3)</td>
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<td>PS 580</td>
<td>International Politics</td>
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<td>PS 595</td>
<td>International Law</td>
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<td>UI 322</td>
<td>International Political Economy</td>
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**Public Administration**

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<td>Internship in Political Science (1-3)</td>
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<td>PS 230</td>
<td>American Public Policy</td>
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<td>PS 384-386</td>
<td>Internship in Political Science (3)</td>
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<td>Independent Study in Poli Sci (1-3)</td>
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<td>PS 402</td>
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<td>PS 403</td>
<td>Public Personnel Admin</td>
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**Bachelor of Arts Majors**

*Southeast Missouri State University 2006-07*

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<td>PS 405</td>
<td>Org Theory/Behavior</td>
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<td>PS 415</td>
<td>Government Budgeting Process</td>
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<td>PS 418</td>
<td>Public Policy Analysis</td>
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<td>PS 425</td>
<td>Administrative Law &amp; Procedure</td>
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**Political Theory**

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<td>PS 387-389</td>
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<td>UI 342</td>
<td>Modern Political Thought</td>
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<tr>
<td>UI 357</td>
<td>Early American Political Thought</td>
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<td>UI 358</td>
<td>Foundations of Political Thought</td>
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<td>UI 361</td>
<td>Contemporary Political Theory</td>
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**Additional Requirement:**

xx xxx 12 Hours in ONE Foreign Language

**SPANISH**

**36 Hour Major - Minor Required**

**Required Courses:**

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<td>SN 001</td>
<td>Spanish Exit Exam</td>
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<tr>
<td>SN 100</td>
<td>Spanish Language &amp; Culture I</td>
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<td>SN 120</td>
<td>Spanish Language &amp; Culture II</td>
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<td>SN 200</td>
<td>Spanish Language &amp; Culture III</td>
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<td>SN 220</td>
<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>SN 430</td>
<td>Spanish American Literature I</td>
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<td>SN 435</td>
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**Choose 3 Hours From:**

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<td>FL 311</td>
<td>Survey of FR, GN &amp; SN Lit</td>
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<td>SN 403</td>
<td>Survey of Spanish Literature I</td>
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<td>SN 404</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)

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<td>SN 301</td>
<td>Intermediate Spanish Composition</td>
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<td>SN 305</td>
<td>Intermediate Spanish Conversation</td>
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<td>SN 316</td>
<td>Commercial Spanish</td>
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<td>SN 330</td>
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**Choose 6 Hours of SN Electives (300-500 level)**

**Additional Requirement:**

**Choose 3 Hours From:**

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<td>AN 241</td>
<td>Intro to Linguistic Anthropology</td>
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<td>Ancient Civ of Meso-America</td>
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<td>EH 370</td>
<td>Europe in the 20th Century</td>
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<td>GH 125</td>
<td>Islamic Civilization</td>
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<td>GH 130</td>
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<td>UI 375</td>
<td>European Film</td>
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<td>WH 424</td>
<td>South Americas</td>
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<td>WH 520</td>
<td>Latin Am Colonial History</td>
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<td>WH 524</td>
<td>Hist of Mexico Since 1810</td>
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**THEATRE AND DANCE**

**48 Hour Major - Minor Required**

**Required Courses:**

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<td>TH 155</td>
<td>Makeup (3)</td>
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<td>TH 218</td>
<td>Acting I (3)</td>
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<td>TH 231</td>
<td>Stagecraft I (3)</td>
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<td>TH 251</td>
<td>Costume Construction (3)</td>
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<td>TH 381</td>
<td>Script Analysis (3)</td>
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<td>TH 385</td>
<td>Directing I (3)</td>
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<td>Principles of Teaching Dance (3)</td>
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<td>UI 384</td>
<td>History of the Musical</td>
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**Choose One Area of Emphasis:**

**Theatre Emphasis**

Select 3 Credits from:

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<td>Drawing for the Theatre</td>
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<td>TH 316</td>
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<td>MU 220</td>
<td>Class Voice (2)</td>
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<td>TH 219</td>
<td>Auditioning (1)</td>
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<td>TH 317</td>
<td>Voice for the Stage (3)</td>
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<td>TH 318</td>
<td>Musical Theatre Performance I (3)</td>
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<td>TH 319</td>
<td>Acting for Film and Television (3)</td>
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<td>TH 321</td>
<td>Stage Combat I(3)</td>
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<td>TH 331</td>
<td>Stagecraft II (3)</td>
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<td>Stage Lighting I (3)</td>
<td></td>
</tr>
<tr>
<td>TH 351</td>
<td>Costume Design I (3)</td>
<td></td>
</tr>
<tr>
<td>TH 361</td>
<td>Scene Painting (3)</td>
<td></td>
</tr>
<tr>
<td>TH 371</td>
<td>Scenic Design I (3)</td>
<td></td>
</tr>
<tr>
<td>TH 375</td>
<td>Theatre Management (3)</td>
<td></td>
</tr>
<tr>
<td>TH 381</td>
<td>Script Analysis (3)</td>
<td></td>
</tr>
<tr>
<td>TH 395</td>
<td>Period &amp; Style (3)</td>
<td></td>
</tr>
<tr>
<td>TH 416</td>
<td>Acting III (3)</td>
<td></td>
</tr>
<tr>
<td>TH 418</td>
<td>Musical Theatre Performance II (3)</td>
<td></td>
</tr>
</tbody>
</table>
**Bachelor of Fine Arts Majors**

*Southeast Missouri State University 2006-07*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 431</td>
<td>Stage Combat II (3)</td>
<td></td>
</tr>
<tr>
<td>TH 450</td>
<td>Stage Lighting II (3)</td>
<td></td>
</tr>
<tr>
<td>TH 451</td>
<td>Costume Design II (3)</td>
<td></td>
</tr>
<tr>
<td>TH 471</td>
<td>Scenic Design II (3)</td>
<td></td>
</tr>
<tr>
<td>TH 485</td>
<td>Directing II (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Dance Emphasis**

Select 16 credits (12 of which must be from upper level courses) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA 211</td>
<td>Ballet I (2)</td>
</tr>
<tr>
<td>DA 221</td>
<td>Modern Dance I (2)</td>
</tr>
<tr>
<td>DA 226</td>
<td>Jazz Dance I (2)</td>
</tr>
<tr>
<td>DA 236</td>
<td>Tap Dance I (2)</td>
</tr>
<tr>
<td>DA 311</td>
<td>Ballet II (2)</td>
</tr>
<tr>
<td>DA 321</td>
<td>Modern Dance II (2)</td>
</tr>
<tr>
<td>DA 326</td>
<td>Jazz Dance II (2)</td>
</tr>
<tr>
<td>DA 336</td>
<td>Tap Dance II (2)</td>
</tr>
<tr>
<td>DA 395</td>
<td>Kinesiology &amp; Physiology of Dance (2)</td>
</tr>
<tr>
<td>DA 411</td>
<td>Ballet III (2)</td>
</tr>
<tr>
<td>DA 421</td>
<td>Modern Dance III (2)</td>
</tr>
<tr>
<td>DA 426</td>
<td>Jazz Dance III (2)</td>
</tr>
<tr>
<td>DA 436</td>
<td>Tap Dance III (2)</td>
</tr>
<tr>
<td>DA 471</td>
<td>Ballet IV (2)</td>
</tr>
<tr>
<td>DA 481</td>
<td>Modern Dance IV (2)</td>
</tr>
<tr>
<td>DA 486</td>
<td>Jazz Dance IV (2)</td>
</tr>
<tr>
<td>DA 496</td>
<td>Tap Dance IV (2)</td>
</tr>
</tbody>
</table>

**BACHELOR OF FINE ARTS DEGREE**

The areas from which majors must be chosen are:

- Art
- Performing Arts

**ART**

In addition to the required courses listed, BFA-Art majors complete 32 departmentally approved concentration and elective hours in one of the following concentrations: Painting; Drawing; Printmaking; Sculpture; Ceramics; Fibers; Graphic Design; or Three Dimensional Computer Imaging/Animation. A 3.0 grade point average in the major must be maintained.

**80 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>AH 110</td>
<td>Art History Survey I (3)</td>
<td></td>
</tr>
<tr>
<td>AH 210</td>
<td>Art History Survey II (3)</td>
<td></td>
</tr>
<tr>
<td>AR 001</td>
<td>Foundation Core Review (0)</td>
<td></td>
</tr>
<tr>
<td>AR 100</td>
<td>Drawing I (3)</td>
<td></td>
</tr>
<tr>
<td>AR 104</td>
<td>Design Foundations (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 106</td>
<td>3D Foundations (3)</td>
<td></td>
</tr>
<tr>
<td>AR 150</td>
<td>Structural Figure Design (3)</td>
<td></td>
</tr>
<tr>
<td>AR 201</td>
<td>Color Composition (3)</td>
<td></td>
</tr>
<tr>
<td>AR 202</td>
<td>Drawing II: Human Figure (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Performing Arts**

**68-75 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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH/DA 105</td>
<td>Rehearsal &amp; Production (2)</td>
<td></td>
</tr>
<tr>
<td>TH 155</td>
<td>Makeup (3)</td>
<td></td>
</tr>
<tr>
<td>TH 218</td>
<td>Acting I (3)</td>
<td></td>
</tr>
<tr>
<td>TH/DA 305</td>
<td>Rehearsal &amp; Production (6)</td>
<td></td>
</tr>
<tr>
<td>TH 381</td>
<td>Script Analysis (3)</td>
<td></td>
</tr>
<tr>
<td>DA 280</td>
<td>Movement Analysis (3)</td>
<td></td>
</tr>
<tr>
<td>TH 385</td>
<td>Directing I (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Concentration & Elective Art Courses (30)**

Studio majors select 18 departmentally approved credit hours in one specialized area. Choose from Ceramics; Drawing; Fibers; Painting; Printmaking; or Sculpture, Graphic Design and Three Dimensional Computer Imaging/Animation. All concentration majors choose a minimum of 14 departmentally approved elective credit hours.

**PERFORMING ARTS**

68-75 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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH/DA 105</td>
<td>Rehearsal &amp; Production (2)</td>
<td></td>
</tr>
<tr>
<td>TH 155</td>
<td>Makeup (3)</td>
<td></td>
</tr>
<tr>
<td>TH 218</td>
<td>Acting I (3)</td>
<td></td>
</tr>
<tr>
<td>TH 101</td>
<td>Acting for Non-Majors (3)*</td>
<td></td>
</tr>
<tr>
<td>TH 231</td>
<td>Stagecraft I (3)</td>
<td></td>
</tr>
<tr>
<td>MM 101</td>
<td>Theories of Music in Culture (3)</td>
<td></td>
</tr>
<tr>
<td>TH 251</td>
<td>Costume Construction (3)</td>
<td></td>
</tr>
<tr>
<td>TH 107</td>
<td>Theory Skills &amp; Anal for Mus Theatre (3)</td>
<td></td>
</tr>
<tr>
<td>TH/DA 305</td>
<td>Rehearsal &amp; Production (6)</td>
<td></td>
</tr>
<tr>
<td>TH 381</td>
<td>Script Analysis (3)</td>
<td></td>
</tr>
<tr>
<td>DA 280</td>
<td>Movement Analysis (3)</td>
<td></td>
</tr>
<tr>
<td>TH 385</td>
<td>Directing I (3)</td>
<td></td>
</tr>
</tbody>
</table>

**OR**

**OR**
# Bachelor of Fine Arts Majors

**Southeast Missouri State University 2006-07**

**Bachelor of Fine Arts Majors**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA 380</td>
<td>Choreography I</td>
<td>3</td>
</tr>
<tr>
<td>TH 307</td>
<td>Musical Theatre Score Study</td>
<td>3</td>
</tr>
<tr>
<td>TH/DA 498</td>
<td>BFA Project</td>
<td>2</td>
</tr>
<tr>
<td>TH/DA 499</td>
<td>Internship</td>
<td>4</td>
</tr>
<tr>
<td>TH 490</td>
<td>Theatre History I</td>
<td>3</td>
</tr>
<tr>
<td>DA 490</td>
<td>Dance History</td>
<td></td>
</tr>
</tbody>
</table>

*Option only for Dance & Design/Technology Emphasis*

**Choose One Option:**

**ACTING/DIRECTING OPTION (34 Hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 219</td>
<td>Auditioning</td>
<td>1</td>
</tr>
<tr>
<td>TH 316</td>
<td>Acting II</td>
<td>3</td>
</tr>
<tr>
<td>TH 317</td>
<td>Voice for the Stage</td>
<td>3</td>
</tr>
<tr>
<td>TH 319</td>
<td>Acting for Film &amp; Television</td>
<td>3</td>
</tr>
<tr>
<td>TH 321</td>
<td>Stage Combat I</td>
<td>3</td>
</tr>
<tr>
<td>TH 416</td>
<td>Acting III</td>
<td>3</td>
</tr>
<tr>
<td>TH 431</td>
<td>Stage Combat II</td>
<td>3</td>
</tr>
<tr>
<td>TH 485</td>
<td>Directing II</td>
<td>3</td>
</tr>
<tr>
<td>TH 495</td>
<td>Theatre History II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Musical Theatre Performance I (3)**

**Additional Requirement:**

- **UI 384** History of the Musical (3)
- **UI 422** Aesthetics of Movement (3)

**DANCE OPTION (34 Hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA 211</td>
<td>Ballet I</td>
<td>2</td>
</tr>
<tr>
<td>DA 221</td>
<td>Modern Dance I</td>
<td>2</td>
</tr>
<tr>
<td>DA 226</td>
<td>Jazz Dance I</td>
<td>2</td>
</tr>
<tr>
<td>DA 236</td>
<td>Tap Dance I</td>
<td>2</td>
</tr>
<tr>
<td>DA 311</td>
<td>Ballet II</td>
<td>2</td>
</tr>
<tr>
<td>DA 321</td>
<td>Modern Dance II</td>
<td>2</td>
</tr>
<tr>
<td>DA 326</td>
<td>Jazz Dance II</td>
<td>2</td>
</tr>
<tr>
<td>DA 336</td>
<td>Tap Dance II</td>
<td>2</td>
</tr>
<tr>
<td>DA 3xx</td>
<td>Kinesiology &amp; Physiology of Dance</td>
<td>2</td>
</tr>
<tr>
<td>DA 430</td>
<td>Principles of Teaching Dance</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose 6 hours:**

- **DA 411** Ballet III (2)
- **DA 421** Modern Dance III (2)
- **DA 426** Jazz Dance III (2)
- **DA 436** Tap Dance III (2)

**Choose 4 hours:**

- **DA 471** Ballet IV (2)
- **DA 486** Modern Dance IV (2)
- **DA 496** Tap Dance IV (2)

**Choose 3 hours:**

- **TH 350** Stage Lighting I (3)
- **TH 351** Costume Design I (3)

**Additional Requirement:**

- **UI 384** History of the Musical (3)
- **UI 422** Aesthetics of Movement (3)

**DESIGN/TECHNOLOGY OPTION (33 Hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 265</td>
<td>Drawing for the Theatre</td>
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</tr>
<tr>
<td>TH 350</td>
<td>Stage Lighting I</td>
<td></td>
</tr>
<tr>
<td>TH 351</td>
<td>Costume Design I</td>
<td></td>
</tr>
<tr>
<td>TH 361</td>
<td>Scene Painting</td>
<td></td>
</tr>
<tr>
<td>TH 371</td>
<td>Scenic Design I</td>
<td></td>
</tr>
<tr>
<td>TH 375</td>
<td>Theatre Management</td>
<td></td>
</tr>
<tr>
<td>TH 386</td>
<td>Sound Design</td>
<td></td>
</tr>
<tr>
<td>TH 395</td>
<td>Period &amp; Style</td>
<td></td>
</tr>
<tr>
<td>TH 495</td>
<td>Theatre History II</td>
<td></td>
</tr>
</tbody>
</table>

**Choose 6 hours:**

- **TH 331** Stagecraft II (3)
- **TH 450** Stage Lighting II (3)
- **TH 451** Costume Design II (3)
- **TH 471** Scenic Design II (3)
MUSICAL THEATRE OPTION (40 Hours)
MM 105  Aural Skills I (1)
MM 106  Aural Skills II (1)
MU 151/152 Functional Piano I & II (2)
TH 317  Voice for the Stage (3)
TH 318  Musical Theatre Performance I (3)
TH 418  Musical Theatre Performance II (3)
MU 394  University Choir (2)

AND/OR
MU 389  Choral Union (2)

Voice Lessons
MP 101/TH 1xx (2)
MP 301/TH 3xx (2)
MP 401/TH 4xx (2)
TH 219  Auditioning (1)
TH 316  Acting II (3)
TH 416  Acting III (3)

Choose 12 hours (6 hours from 300-400 level courses):
DA 130  Ballroom Dance (1)
DA 146  Swing Dance (1)
DA 186  Beginning Jazz Dance (1)
DA 211  Ballet I (2)
DA 226  Jazz Dance I (2)
DA 236  Tap Dance I (2)
DA 326  Jazz Dance II (2)
DA 336  Tap Dance II (2)
DA 426  Jazz Dance III (2)
DA 436  Tap Dance III (2)
DA 486  Jazz Dance IV (2)
DA 496  Tap Dance IV (2)
TH 321  Stage Combat I (3)
TH 431  Stage Combat II (3)

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

Agribusiness
Options: Agriculture Industry
Animal Science
Horticulture
Plant & Soil Science

Biology
Options: Biomedical Sciences
General Biology
Microbiology, Cell & Molecular Biology
Organismal, Ecological, & Evolutionary Biology
Wildlife Conservation

Chemistry
Options: ACS Certified Chemistry

Chemistry
Biochemistry

Business
Forensic Chemistry

Communication Disorders
Computer Information Systems

Computer Science

Corporate Communication

Criminal Justice
Options: Corrections
Law Enforcement
Security Management

Economics

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

Engineering Technology
Options: Electrical & Control Manufacturing Systems

Environmental Science

Health Management
Options: Athletic Training
Exercise Science
Health Promotion

Historic Preservation

Hospitality Management

Human Environmental Studies
Options: Child Development
Dietetics
Family Studies
Fashion Merchandising
Housing & Interior Design

Industrial Technology
Options: Construction Management & Design
Industrial Management
Technical Graphics
Technology (AAS transfers)
Bachelor of Science Majors
Southeast Missouri State University 2006-07

Telecommunication & Computer Networking
Interdisciplinary Studies
Mass Communication
Options: Advertising
Public Relations
Radio
Video Production
Mathematics:
Options: Pure Mathematics
Applied Mathematics & Statistics
Medical Technology
Physics
Political Science
Psychology
Recreation
Social Work
Sport Management

AGRICULTURE
67-70 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 447 Mkgt of Agri Products (3)
AG 465 Agriculture Internship (3-6)
OR
AG 469 Undergrad Research (3)
AG 470 Agribusiness Sales (3)
AO 120 Plant Science (4)
AY 101 Animal Science (5)
BO 130 Intro to Horticulture (3)
UI 436 Agricultural Ethics (3)
Additional Requirements (8 hours):
CH 180 Basic Princ of Chemistry (5)
OR
CH 185 General Chemistry I (5)
MA 134 College Algebra (3)
Choose One of the Following Options (30 Hours):
AGRICULTURE INDUSTRY
30 hours by advisement based on student plans/background, selected from AG, AO, AY, HO prefix courses or may include AAS Agriculture degree courses transferred to Southeast.
ANIMAL SCIENCE
AY 205 Horse Science (3)
AY 304 Princ of Animal Nutrition (3)
AY 305 Advanced Horse Science (3)
AY 311 Animal Breeding (3)
AY 405 Beef Production (3)
AG, AO, AY, HO prefix courses (15)

HORTICULTURE
AO 215 Soils (3)
AO 260 Integrated Pest Mgmt (3)
AO 323 Plant Pathology (3)
HO 230 Advanced Horticulture (3)
HO 330 Landscape Design & Maint (3)
HO 342 Fruit & Vegetable Production (3)
HO 350 Greenhouse Mgt (3)
HO 430 Turfgrass Management (3)
HO 431 Urban Forestry (3)
HO 446 Golf Crs & Athl Field Mgmt (3)

PLANT AND SOIL SCIENCE
AG 440 Precision Agriculture (3)
AO 215 Soils (3)
AO 260 Integrated Pest Mgmt (3)
AO 323 Plant Pathology (3)
AO 327 Sustainable Agriculture (3)
AO 401 Ag & Natural Resource Mgmt (3)
AO 420 Crop Physiology (3)
AO 427 Soil Fertility & Plant Nutrtn (3)
AO 440 Prin of Plant Breeding (3)
AO 480 Crop Production (3)

BIOLOGY
47 hour Major - No minor required
Required Courses:
BI 003 Biology MFAT (0)
BI 151 Biological Reasoning (3)
BI 152 Intro to Scientific Investigation (1)
BI 153 Intro to Organismal Biology (4)
BI 154 Genetics and Cell Biology (4)
BI 489 Analysis of Biological Issues (2)
BI 4xx or 5xx Experiential Learning (2)
CH 185/085/005 General Chemistry I (5)
MA 134 College Algebra (3)
Choose One of the Following Options
BIOMEDICAL SCIENCES
BI 381 Molecular Genetics (3)
ZO 331 Animal Physiology (3)
Any BI, BO, ZO, BT courses, at least 10 credits 300 level and above (17)
Additional Requirements: 22-25
Any additional Math course not in University Studies (2-5)
CH 186 General Chemistry II (3)
Bachelor of Science Majors
Southeast Missouri State University 2006-07

CH 187 Qualitative Analysis (2)
CH 341/342 Organic Chemistry I & Lab (5)
PH 120 Introductory Physics I (5)
PH 121 Introductory Physics II (5)

GENERAL BIOLOGY
Choose 3 hours from this list:
BI 445 Microbial Physiology (3)
BO 445 Plant Physiology (3)
ZO 331 Animal Physiology (3)

Choose 6 hours from this list:
BI 200 General Microbiology (3)
BI 245 Lab Methods in Biotechnology (3)
BI 381 Molecular Genetics (3)

BI 441 Virology (3)
BI 442 Immunology (3)
BI 443 Epidemiology (3)

BI 445 Microbial Physiology (3)
BI/BT 450 Inv. Molecular Biology & Biotechnology (3)
BI/BT 451 Biotechnology (3)

BI 460 Intro. to Toxicology (3)
BI 543 Pathogenic Microbiology (2)
BI 544 Pathogenic Microbiology Lab (1)
BO 445 Plant Physiology (3)

Any BI, BO, ZO, BT courses, 300 level and above (8)

Any BI, BO, ZO, BT courses, 300 level and above (8)

Additional Requirements: 13-16

Any additional Math course not in University Studies (2-5)

CH 186 General Chemistry II (3)
CH 341/342 Organic Chemistry I & Lab (5)
UI 331 Biochemistry (3)

ORGANISMAL, ECOLOGICAL, AND
EVOLUTIONARY BIOLOGY

BI 300 Intro to Evolutionary Biology (3)
BI 332 General Ecology (3)
BO 200 Plant Biology (3)
ZO 200 Animal Biology (3)

Biology Electives: choose 11 hours from this list (9
credits or more at 300 level):
BI 200 General Microbiology (3)
BI 261 Intro Field Biology (1)
BI 420 Management of Wildlife Populations (3)
BI 430 Management of Wildlife Habitat (3)
BI 432 Advanced Ecology (3)
BI 435 Conservation Biology (3)
BI 440 Ecology and Management of Wetlands (3)
BI 452 Limnology (3)
BI 469 Wildlife Toxicology (3)
BI 471-473 Internships (1-3)
BI 493 Readings in Biology (2)
BI 551/553 Biology Field Studies (1/2)
BI 589-591 Biological Research (1-3)
BO 361 Systematic Botany (3)
Bachelor of Science Majors
Southeast Missouri State University 2006-07

BO 420 Ethnobotany (3)
BO 445 Plant Physiology (3)
BO 461 Native Aquatic Plants (3)
BO 469 Field Botany (2)
ZO 315 Comparative Anatomy (3)
ZO 331 Animal Physiology (3)
ZO 414 Developmental Biology (3)
ZO 420 Animal Behavior (3)
ZO 441 Parasitology (3)
ZO 459 Mammalogy (3)
ZO 460 Herpetology (3)
ZO 465 Entomology (3)
ZO 469 Vertebrate Adaptations (3)
ZO 478 Ichthyology (3)

The Gulf Coast Research Laboratory courses as listed in the University Bulletin may also be used as electives with the approval of your advisor.

Additional Requirements: 6-8

UI 373 Earth/Life through Time (3)
MA 139 Applied Calculus (3)
OR
MA 140 Calculus (5)
OR
MA 223 Probability and Statistics (3)

WILDLIFE AND CONSERVATION

BI 3320 General Ecology (3)
BO 200 Plant Biology (3)
ZO 200 Animal Biology (3)

Choose two of the following:

BI 420 Management of Wildlife Populations (3)
BI 430 Management of Wildlife Habitat (3)
BI 435 Conservation Biology (3)
BI 440 Wetland Ecology and Management (3)

Biology Electives - choose 8 hours from this list:

BI 420 Management of Wildlife Populations (3)
BI 430 Management of Wildlife Habitat (3)
BI 432 Advanced Ecology (3)
BI 435 Conservation Biology (3)
BI 440 Ecology and Management of Wetlands (3)
BI 452 Limnology (3)
BI 469 Wildlife Toxicology (3)
BI 471-473 Internship (1-3)
BI 493 Readings in Biology (2)
BI 551/553 Biology Field Studies (1/3)
BI 589-591 Biological Research (1-3)
BO 361 Systematic Botany (3)
BO 420 Ethnobotany (3)

BO 445 Plant Physiology (3)
BO 461 Native Aquatic Plants (3)
BO 469 Field Botany (2)
ZO 420 Animal Behavior (3)
ZO 441 Parasitology (3)
ZO 459 Mammalogy (3)
ZO 460 Herpetology (3)
ZO 465 Entomology (3)
ZO 466 Ornithology (3)
ZO 469 Vertebrate Adaptations (3)
ZO 478 Ichthyology (3)

Additional Requirements: 6-8

GO 110 Physical Geology (3)
MA 139 Applied Calculus (3)
OR
MA 140 Calculus (5)
OR
MA 223 Probability and Statistics (3)

CHEMISTRY

38 Hour Major-No Minor Required

Required Core 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)
CH 341 Organic Chemistry I (4)
CH 342 Organic Chemistry Laboratory I (1)
CH 343 Organic Chemistry II (3)
CH 344 Organic Chemistry Laboratory II (2)
CH 498 Professional Presentation in Chemistry (1)
UI 443 Professional Experience in Chemistry (3)

Additional Requirements: 22 hours

MA 140 Analytical Geometry and Calculus I (5)
MA 145 Analytical Geometry and Calculus II (4)
MA 240 Analytical Geometry and Calculus III (3)
PH 120 Introductory Physics I (5)
PH 121 Introductory Physics II (5)

Choose One Of The Following Options:

ACS CERTIFIED CHEMISTRY

CH 531/UI331 Biochemistry I (3)
CH 563 Inorganic Chemistry (4)
Bachelor of Science Majors
Southeast Missouri State University 2006-07

CH 575 Chemical Instrumentation (4)

Additional Requirements: One or two additional courses, which must include a two credit-hour lab component, chosen from the following:

CH 391 Undergraduate Research (1)
CH 392 Undergraduate Research (2)
CH 447 Adv 1&2 Dim NMR Techniques (3)
CH 533 Biochemistry Lab (2)
CH 545 Organic Preps and Characterization (3)
CH 565 Inorganic Preps (2)

BIOCHEMISTRY

CH 531/UI 331 Biochemistry I (3)
CH 532 Biochemistry II (2)
CH 533 Biochemistry Laboratory (2)
BI 154 Genetics & Cellular Biology (4)
BI 200 General Microbiology (3)
BI 381 Genetics (3)
BI 404 Cell Biology (3)

BUSINESS

AC 221 Principles of Financial Management (3)
AC 222 Principles of Managerial Accounting (3)
IS 175 Information Systems I (3)
EC 215 Principles of Microeconomics (3)
EC 225 Principles of Macroeconomics (3)
FI 361 Financial Management (3)
QM 257 Business Statistics (3)

OR

MA 223 Elementary Probability and Statistics (3)
MG 301 Management and Organizational Behavior (3)
MI 375 Management Information Systems (3)
MK 301 Principles of Marketing (3)

** Upon completion of the B.S. in Chemistry (Business Option), students may apply directly to the MBA program at Southeast. For more information about the MBA degree program, contact the MBA office in the Robert A. Dempster Hall at Southeast Missouri State University.

CHEMISTRY

Chemistry Elective (300 level or higher) (3)

Selected from at least one of the following courses: CH 350/EV 350 Environmental Chemistry (3), CH 447 Adv 1&2 Dim NMR Techniques (3), CH 531/UI 331 Biochemistry (3), CH 545 Organic Preparations and Characterization (3), CH 563 Inorganic Chemistry (4), CH 575 Chemical Instrumentation (4)

FORENSIC CHEMISTRY

CH 420 Forensic Chemistry (4)

CH 575 Chemical Instrumentation (4)

BIOCHEMISTRY

CH 531/UI 331 Biochemistry I (3)
CH 532 Biochemistry II (2)
CH 533 Biochemistry Laboratory (2)
BI 154 Genetics & Cellular Biology (4)
BI 200 General Microbiology (3)
BI 381 Genetics (3)
BI 404 Cell Biology (3)

BUSINESS

AC 221 Principles of Financial Management (3)
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FORENSIC CHEMISTRY

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FORENSIC CHEMISTRY

CH 420 Forensic Chemistry (4)

CH 575 Chemical Instrumentation (4)
# Bachelor of Science Majors

**Southeast Missouri State University 2006-07**

**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.

## COMPUTER INFORMATION SYSTEMS

**58-60 Hour Major - Minor Required**

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 003</td>
<td>Computer Science Assessment (0)</td>
</tr>
<tr>
<td>CS 155</td>
<td>Computer Science I (4)</td>
</tr>
<tr>
<td>CS 245</td>
<td>Discrete Structures I (3)</td>
</tr>
<tr>
<td>CS 265</td>
<td>Computer Science II (4)</td>
</tr>
<tr>
<td>CS 280</td>
<td>Computer Systems (3)</td>
</tr>
<tr>
<td>CS 300</td>
<td>Computer Science III (4)</td>
</tr>
<tr>
<td>CS 315</td>
<td>C &amp; the Unix Environment (3)</td>
</tr>
<tr>
<td>CS 331</td>
<td>Applications Programming (3)</td>
</tr>
<tr>
<td>CS 440</td>
<td>Data Base (3)</td>
</tr>
<tr>
<td>CS 445</td>
<td>Software Engineering I (3)</td>
</tr>
<tr>
<td>CS 480</td>
<td>Data Communications (3)</td>
</tr>
<tr>
<td>CS 495</td>
<td>Senior Seminar (1)</td>
</tr>
<tr>
<td>IS 130</td>
<td>Visual Basic Programming I (3)</td>
</tr>
<tr>
<td>IS 175</td>
<td>Information Systems I (3)</td>
</tr>
<tr>
<td>IS 275</td>
<td>Information Systems II (3)</td>
</tr>
<tr>
<td>MA 139</td>
<td>Applied Calculus (3)</td>
</tr>
<tr>
<td>OR</td>
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</tr>
<tr>
<td>MA 140</td>
<td>Analytical Geom &amp; Calc I (5)</td>
</tr>
<tr>
<td>MA 223</td>
<td>Probability &amp; Statistics (3)</td>
</tr>
<tr>
<td>UI 450</td>
<td>Capstone Experience (3)</td>
</tr>
</tbody>
</table>

Choose 6 hours CS or IS prefix courses (300-500 level)

## COMPUTER SCIENCE

**79 Hour Major - No Minor Required**

**Required Courses:**

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<td>CS 300</td>
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<tr>
<td>CS 315</td>
<td>C &amp; the Unix Environment (3)</td>
</tr>
<tr>
<td>CS 331</td>
<td>Applications Programming (3)</td>
</tr>
<tr>
<td>CS 345</td>
<td>Discrete Structures II (3)</td>
</tr>
<tr>
<td>CS 350</td>
<td>Analysis of Algorithms (3)</td>
</tr>
<tr>
<td>CS 380</td>
<td>Operating Systems (3)</td>
</tr>
<tr>
<td>CS 390</td>
<td>Programming Languages (3)</td>
</tr>
<tr>
<td>CS 440</td>
<td>Database (3)</td>
</tr>
<tr>
<td>CS 445</td>
<td>Software Engineering I (3)</td>
</tr>
<tr>
<td>CS 480</td>
<td>Data Communications (3)</td>
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<td>CS 495</td>
<td>Senior Seminar (1)</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 223</td>
<td>Probability &amp; Statistics (3)</td>
</tr>
<tr>
<td>MA 345</td>
<td>Linear Algebra (3)</td>
</tr>
<tr>
<td>UI 450</td>
<td>Capstone Experience (3)</td>
</tr>
</tbody>
</table>

Choose 3 hours CS prefix courses (300-500 level)

Choose 12 hours in one science, suitable for science majors. At least two courses must have lab component. Choose from Biology, Chemistry, Geoscience, or Physics/Engineering Physics.

## CORPORATE COMMUNICATION

**48 Hour Major - Minor Required**

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 301</td>
<td>Principles of Management (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>
<tr>
<td>SC 330</td>
<td>Corporate &amp; Professional Comm (3)</td>
</tr>
<tr>
<td>SC 335</td>
<td>Interviewing (3)</td>
</tr>
<tr>
<td>SC 4xx</td>
<td>Practicum in Corporate Comm (3)</td>
</tr>
<tr>
<td>OR</td>
<td></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>
</tr>
</tbody>
</table>

Choose 9 hours from:

<table>
<thead>
<tr>
<th>Course</th>
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</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>UI 345</td>
<td>Nonverbal Communication (3)</td>
</tr>
<tr>
<td>UI 425</td>
<td>Persuasion (3)</td>
</tr>
<tr>
<td>SC 463</td>
<td>Independent Study (3)</td>
</tr>
<tr>
<td>SC 510</td>
<td>Leadership and Team Building (3)</td>
</tr>
</tbody>
</table>

Choose 6 hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 342</td>
<td>Professional Selling (3)</td>
</tr>
</tbody>
</table>

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1. Computer Science Assessment (0)
2. Computer Science I (4)
3. Discrete Structures I (3)
4. Computer Science II (4)
5. Computer Systems (3)
6. Computer Science III (4)
7. C & the Unix Environment (3)
8. Applications Programming (3)
9. Discrete Structures II (3)
10. Analysis of Algorithms (3)
11. Operating Systems (3)
12. Programming Languages (3)
13. Database (3)
14. Software Engineering I (3)
15. Data Communications (3)
16. Senior Seminar (1)
17. Analytic Geometry & Calculus I (5)
18. Analytic Geometry & Calculus II (4)
19. Probability & Statistics (3)
20. Linear Algebra (3)
21. Capstone Experience (3)
22. Principles of Management (3)
23. Principles of Marketing (3)
24. Public Relations (3)
25. Fund of Interpersonal Comm (3)
26. Corporate & Professional Comm (3)
27. Interviewing (3)
28. Practicum in Corporate Comm (3)
29. Internship in Corporate Comm (3)
30. Organizational Comm (3)
31. Managerial Communication (3)
32. Intercultural Communication (3)
33. Speech Writing (3)
34. Argumentation & Problem Solving (3)
35. Group Comm & Decision-Making (3)
36. Relational Comm Strategies (3)
37. Comm Prin/Negotiation & Conflict Mgmt (3)
38. Nonverbal Communication (3)
39. Persuasion (3)
40. Independent Study (3)
41. Leadership and Team Building (3)
42. Professional Selling (3)
Bachelor of Science Majors
Southeast Missouri State University 2006-07

MK 343 Advertising & Promotion (3)
MK 344 Consumer Behavior (3)
MK 345 Intro to Business Research (3)
MK 349 Retail Management (3)
MK 447 Sales Management (3)
MK 560 International Marketing (3)

Choose 6 hours from the following:
MG 362 Management Skills (3)
MG 470 Leadership in Management (3)
MG 550 Improving Team Performance (3)
MG 560 International Management (3)

CRIMINAL JUSTICE
33 Hour Major - Minor Required

Required Courses:
CJ 100 Intro to Criminal Justice (3)
CJ 110 Intro to Law Enforcement (3)
CJ 125 Intro to Corrections (3)
CJ 220 Criminal Law (3)
CJ 370 Juvenile Justice (3)
CJ 425 Planning/Resrch in Crim Justice (3)
CJ 526 Staistical Analysis in Crim Justice (3)

OR
SO 240 Interpretation of Data (3)

OR
SO 242 Statistics for Soc Scientists (3)

Choose One 12 Hour Option:
CORRECTIONS
CJ 230 Correctional Institutions (3)
CJ 355 Constitutional Rights of Inmates (3)
CJ 365 Community-Based Corrections (3)
CJ 440 Theories/Methods of Offender Rehab (3)

LAW ENFORCEMENT
CJ 310 Advanced Police Administration (3)
CJ 330 Criminal Investigations (3)
CJ 422 Criminal Procedure (3)
CJ xxx CJ Course (300-500 level) (3)

SECURITY MANAGEMENT
CJ 325 Intro to Security Systems (3)
CJ 326 Security & Loss Prevention (3)
CJ 327 Security Management (3)
CJ 422 Criminal Procedure (3)

ECONOMICS
28 Hour Major - Minor Required

Required Courses:
EC 215 Principles of Microeconomics (3)
EC 225 Principles of Macroeconomics (3)
EC 410 Macroeconomic Theory (3)
EC 420 Microeconomic Theory (3)
EC 498 Senior Seminar (1)

Any 3 hour college-level statistics course

Choose 12 Hours From:
EC xxx EC course (235-500 level)
UI 322 International Political Economy (3)
UI 349 Comparative Economic Systems (3)
UI 366 Law and Economics (3)
UI 371 Government and Business (3)

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

ENGINEERING TECHNOLOGY
94-96 Hour Major - No Minor Required

Required Courses:
CH 181 Basic Principles of Chemistry (5)
ET 194 Intro to PLCs (3)
IM 102 Technical Communications (3)
IM 211 Industrial Safety Supervision (3)
IM 311 Statistical Process Control (3)
MA 133 Plane Trigonometry (3)
MA 134 College Algebra (3)
MA 139 Applied Calculus (3)

OR
MA 140 Analytic Geometry & Calculus I (5)
MA 223 Elementary Probability & Statistics (3)
MN 220 Engineering Economic Analysis (3)
MN 260 Techncl Computer Programng Appl (3)
MN 356 Robotics (3)
MN 383 Fluid Power (3)
MN 412 Advanced Manufacturing Systems (3)
MN 416 Manufacturing Seminar (1)
PH 120 Introductory Physics I (5)
PH 121 Introductory Physics II (5)
UI 319 Science, Tech, & Society (3)
UI 410 Manufacturing Research (3)

Choose One 33 Hour Option:
ELECTRICAL AND CONTROL:
ET 162 DC Principles & Circuits (3)
ET 164 AC Principles & Circuits (3)
ET 245 Logic Circuits (3)
ET 260 Electronic Circ Design/Analysis I (3)
ET 264 Industrial Electronics (3)
ET 275 Network Routing & Switching I (3)
ET 365 Industrial Electrical Power (3)
ET 366 Microcontrollers (3)
ET 367 Motor Control and Drive Systems (3)
101 Bachelor of Science Majors
Southeast Missouri State University 2006-07

MANUFACTURING SYSTEMS:
ET 468 Industrial Control (3)
ET 470 Energy Management (3)
IM 313 Facilities Planning (3)
IM 417 Manufacturing Resource Analysis (3)
MN 170 Industrial Materials & Testing (3)
MN 203 Industrial Materials & Processes I (3)
MN 204 Industrial Materials & Processes II (3)
MN 319 Statics & Strengths of Materials (3)
MN 354 Computer Aided Manufacturing (CAM) (3)
MN 402 Plastics & Processes (3)
TG 120 Computer Aided Eng. Graphics (3)
TG 220 Solid Modeling & Rapid Prototyping (3)

ENGINEERING PHYSICS
EAC/ABET Accredited (see www.abet.org)
61 Hour Major - No Minor Required

Required Courses:
EP 100 Physics & Engineering Concepts (1)
EP 240 Circuit Analysis (4)
EP 305 Digital & Analog Syst Design (3)
EP 340 Electronic Circuits (4)
EP 372 Signals and Systems (3)
EP 480 Capstone Design I (1)
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)
UI 450 Capstone Experience (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 14 Hour Option:
APPLIED PHYSICS AND ENGINEERING

EP 361 Thermal Analysis (3)
EP 374 Control Systems (3)
EP 462 Material Science (3)
PH 473 Quantum Mechanics (3)

Choose 2 Hours Approved EP or PH Electives

COMPUTER APPLICATIONS IN PHYSICS AND ENGINEERING
CS 155 Computer Science I (4)
CS 265 Computer Science II (4)
CS 315 C & the Unix Environment (3)
EP 310 Microcomputer Interfacing (3)

ENVIRONMENTAL SCIENCE
91-95 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 (3)
CH 341 Organic Chemistry I (4)
CH 342 Organic Chemistry Lab I (1)
CH 350 Environmental Chemistry (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)
GO 110 Physical Geology (3)
GO 365 Environmental Soil Science (4)
GO 460 Environmental Hydrology (3)
IS 175 Information Systems I (3)
AND
MA 140 Analytic Geometry & Calculus I (5)
MA 223 Elementary Probability & Statistics (3)
PH 120 Introductory Physics I (5)
OR
MA 245 Vector Calculus (2)
PH 121 Introductory Physics II (5)
AND
MA 334 Computer Programming (3)
MA 350 Differential Equations (3)
MA 544 Numerical Analysis (3)
TG 120 Engineering Graphics (3)

Choose One 14 Hour Option:
APPLIED PHYSICS AND ENGINEERING

UI 373 Earth & Life Through Time (3)
UI 429 Environmental Ethics (3)
Choose 3 Hours From:
- UI 331 Biochemistry I (3)
- UI 360 Recycling & Waste Management (3)
- UI 372 Earthquakes & Society (3)
- UI 386 Environmental Health (3)
- UI 387 Environmental Law & Public Policy (3)

Choose One Option:
**Biology (15 Hours)**
- BI 151 Biological Reasoning (3)
- BI 152 Intro to Scientific Investigation (1)
- BI 153 Intro to Organismal Biology (4)
- BO 200 Plant Biology (3)
  
  OR
  
  ZO 200 Animal Biology (3)

*(whichever was not completed in the core)*

Choose 4 Hours From:
- BI 381 Molecular Genetics (3)
- BI 420 Principles of Wildlife Management (3)
- BI 430 Management of Wildlife Habitat (3)
- BI 432 Advanced Ecology (3)
- BI 435 Conservation Biology (3)
- BI 440 Ecology & Management of Wetlands (3)
- BI 441 Virology (3)
- BI 442 Immunology (3)
- BI 443 Epidemiology (3)
- BI 445 Microbial Physiology (3)
- BI 452 Limnology (3)
- BI 453 Occupational Health (3)
- BI 454 Risk Assesment (3)
- BI 455 Industrial Hygiene (3)
- BI 460 Introduction to Toxicology (3)
- BI 469 Wildlife Toxicology (3)
- BI 471-473 Internship in Biology (1-3)
- BI 543 Pathogenic Microbiology (2)
- BI 544 Pathogenic Microbiology Laboratory (1)
- BI 589-591 Biological Research (1-3)
- BO 361 Systematic Botany (3)
- BO 445 Plant Physiology (3)
- BO 461 Native Aquatic Plants (3)
- BO 469 Field Botany (3)
- ZO 331 Animal Physiology (3)
- ZO 459 Mammalogy (3)
- ZO 460 Herpetology (3)
- ZO 466 Ornithology (3)
- ZO 469 Vertebrate Adaptations (3)
- ZO 478 Ichthyology (3)

**Business (15 Hours)**
- AC 221 Principles of Financial Accounting (3)
- AC 222 Principles of Managerial Accounting (3)
- EC 225 Principles of Macroeconomics (3)
- FI 361 Financial Management (3)
- MG 301 Principles of Management (3)
- MI 375 Management Information Systems (3)
- MK 301 Principles of Marketing (3)

**Note:** Admission to an MBA program may require completion of all courses in the Business option.

**Chemistry (15 Hours)**
- CH 187 Qualitative Analysis (2)
- CH 271 Quantitative Analysis (4)
- CH 310 Introduction to Physical Chemistry (5)
- UI 443 Prof Experience in Chem (3)
- CH 575 Chemical Instrumentation (4)
- CH 531/UI 331 Biochemistry I (3)

**Information Systems (15 Hours)**
- IS 130 Visual Basic (3)
- IS 275 Information Systems II (3)
- 9 Hours CS or IS prefix courses at the 300/400 level

**Environmental Health (14-15 Hours)**
- 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)

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

**Choose 2-3 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)

**Geoprocessing and Soils (15 Hours)**
- GO 340 Remote Sensing (3)
- GO 445 Geographic Information Systems (3)
- GO 458 Environmental Geochemistry (3)
- GO 555 Soil Class & Res Mgmt (3)

**Choose 3 Hours From:**
- AO 427 Soil Fertility & Plant Nut (3)
- BI 440 Ecology & Mgmt of Wetlands (3)
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 111 Intro to Health Management (3)
HL 120 Health Perspectives (3)
HL 231 Fitness Conditioning (3)
HL 3120 Contemporary Drug Use (3)
HL 331/031 Exercise Physiology (3)
HL 431 Fitness Assmt & 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 2630 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 321 Advanced Injury Assessment I (3)
HL 322 Advanced Injury Assessment II (3)
HL 3830 Practicum in Athletic Training III (1)
HL 384 Practicum in Athletic Training IV (1)
HL 444 Rehab of Sports Injuries (3)
HL 472 Admin of Athletic Training (3)
HL 480 Seminar in Athletic Training (2)
PE 464 Kinesiology (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)
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 Principles of Management (3)
OR
MK 301 Principles of Marketing (3)
MG 3xxx Upper division MG elective (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)*
*Required for Athletic Training Option only

HISTORIC PRESERVATION
48 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)
US 105 American History I (3)
US 107 American History II (3)
Choose 9 Hours From:
(3 Hours Must be a Problems Course)
HP 405 Archives & Spec Collections Studies (3)
HP 410 Museum Studies (3)
HP 420 Historic Site Administration (3)
HP 450 Problems in Historic Preservation (3)
Choose 6 Hours From:
Any EH, GH, US, or WH 200-500 level or approved departmental UI course
Choose 3 Hours From:
Any EH, GH, US, or WH 400-500 level or approved departmental UI course
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)
ADDITIONAL INTERDISCIPLINARY REQUIREMENTS

Choose 9 Hours From:

- AD 101 Intro to Microcomputer Appl (3)
- BL 255 Legal Environment of Business (3)
- BS 105 Environmental Biology (3)
- GO 445 Geog Information Systems (3)
- HI 104 Housing & Interior Design (3)
- MK 301 Principles of Marketing (3)
- TG 100 Intro to Drafting (3)
- TG 126 Computer Assisted Drafting (3)
- TG 284 Photography Fundamentals (3)
- TH 101 Acting for Non-Majors (3)
- TH 395 Period & Style (3)
- UI 351 Public Opinion (3)
- UI 371 Government & Business (3)
- UI 400 Business & Ethics (3)
- UI 425 Persuasion (3)

Choose 6 Hours From:

- AH 511 American Art (3)
- HI 532 History of Furniture II (3)
- UI 312 Perspectives on the Present (3)
- UI 313 African-American Experience (3)
- UI 337 Issues in Modern Architecture (3)
- UI 339 North American Indians (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 418 European Mind (3)
- UI 446 Civil Rights Movement (3)
- UI 503 Alexander the Great (3)

Choose 3 Hours From:

- AN 321 Midwestern Archaeology (3)
- AN 355 Special Topics in Anthropology (3)
- AN 381 North American Archaeology (3)
- AN 382 Archaeology: Method & Theory (3)
- AN 550 Historical Archaeology (3)
- GO 340 Remote Sensing (3)
- HP 552 Historic Preservation Field School (3)
- UI 373 Historical Geology (3)

FN 235 Nutrition for Health (3)*
FN 260 Sanitation/Foodsvc & Hospitality Indus (3)
FN 270 Hotel & Resort Operations (3)
FN 304 Food, Bev & Labor Cost Cntrls (3)
FN 325 Hospitality Law (3)
FN 350 Culinary Theory & Practice (3)
FN 390 Hosp Sales & Marketing (3)
FN 406 Hospitality & Institution Admin (3)
FN 416 Quantity Food Production (4)
FN 473 Intrnshp/Foodsvc & Hospitality Envir (12)
FN 515 Yield/Revenue Mgmt for Hosp Indstry (3)

Additional Requirements: 21 Hours

Choose 6 Hours From:

- EC 101 Economic Problems & Policies (3)*
- MA 134 College Algebra (3)*
- MK 301 Principles of Management (3)
- UI 313 African-American Experience (3)
- UI 337 Issues in Modern Architecture (3)
- UI 339 North American Indians (3)

Choose 3 Hours From:

- AH 511 American Art (3)
- HI 532 History of Furniture II (3)
- UI 312 Perspectives on the Present (3)
- UI 371 Government & Business (3)
- UI 400 Business & Ethics (3)
- UI 425 Persuasion (3)

Choose 3 Hours From:

- AN 321 Midwestern Archaeology (3)
- AN 355 Special Topics in Anthropology (3)
- AN 381 North American Archaeology (3)
- AN 382 Archaeology: Method & Theory (3)
- AN 550 Historical Archaeology (3)
- GO 340 Remote Sensing (3)
- HP 552 Historic Preservation Field School (3)
- UI 373 Historical Geology (3)

HOSPITALITY MANAGEMENT

49 Hour Major - No Minor Required

Required Courses:

- FN 150 Intro to Hospitality Mgmt (3)
- FN 205 Selection & Preparation of Foods (3)

** Bachelor of Science Majors **
Southeast Missouri State University 2006-07

Additional Requirements: 21 Hours

Choose 6 Hours From:

- EC 101 Economic Problems & Policies (3)*
- MA 134 College Algebra (3)*
- MK 301 Principles of Management (3)

Choose 3 Hours From:

- AH 511 American Art (3)
- HI 532 History of Furniture II (3)

Choose 3 Hours From:

- AN 321 Midwestern Archaeology (3)
- AN 355 Special Topics in Anthropology (3)
- AN 381 North American Archaeology (3)

Choose 3 Hours From:

- AN 321 Midwestern Archaeology (3)
- AN 355 Special Topics in Anthropology (3)
- AN 381 North American Archaeology (3)
- AN 382 Archaeology: Method & Theory (3)
- AN 550 Historical Archaeology (3)
- GO 340 Remote Sensing (3)
- HP 552 Historic Preservation Field School (3)
- UI 373 Historical Geology (3)

HOSPITALITY MANAGEMENT

49 Hour Major - No Minor Required

Required Courses:

- FN 150 Intro to Hospitality Mgmt (3)
- FN 205 Selection & Preparation of Foods (3)

** Bachelor of Science Majors **
Southeast Missouri State University 2006-07
Bachelor of Science Majors
Southeast Missouri State University 2006-07

CF 506 Theories & Issues in Child Development (3)
CF 509 Child Life Services (3)
CF 530 Research & Issues in Child Development (3)

HUMAN ENVIRONMENTAL STUDIES:

DIETETICS OPTION
47 Hour Major - No Minor Required
Required Courses:
FN 205 Food Selection & Preparation (3)
FN 255 Nutrition I (3)
FN 304 Food, Beverage & Labor Cost Control (3)
FN 320 Advanced Food Preparation (4)
FN 340 Professional Dietetic Seminar (1)
FN 355 Lifespan Nutrition (3)
FN 370 Nutrition Assessment (3)
FN 406 Hospitality & Institution Administration (3)
FN 416 Quantity Food Production (4)
FN 502 Nutrition II (3)
FN 503 Medical Nutrition Therapy I (4)
FN 504 Medical Nutrition Therapy II (4)
FN 525 Nutrition Counseling (3)
FN 540 Community Nutrition (3)
HE 520 Tech/Teaching Nutrition & Health Ed (3)

Additional Requirements: 53 Hours
(Some courses may fulfill University Studies requirements)
AC 221 Prin of Financial Accounting (3)
AD 101 Intro to Microcomputer Applic (3)
AG 201 World Food & Society (3)
BS 113 Anatomy & Physiology I (3)
BS 114 Anatomy & Physiology II (3)
BS 240 Microorganisms/Human Host (3)
CH 181 Basic Principles 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)

HUMAN ENVIRONMENTAL STUDIES:

FAMILY STUDIES OPTION
44 Hour Major - Minor Required
Required Courses:
CF 102 Personal & Family Relationships (2)
CF 120 The Child: Devel/Conception to Adolesc (3)
CF 206 Intro to Gerontology (3)
CF 207 Gerontology Practicum I (3)
CF 209 Intro to Family Systems (3)
CF 300 Parent Education (2)
CF 301 Parent Education Lab (1)
CF 320 Life Skills Education (3)
CF 340 Family Advocacy Practicum (3)
CF 402 Marriage Interaction (3)
CF 405 Special Population Practicum (3)
CF 430 Parent-Child Interaction (3)
CF 512 Family & Community Resources (3)
CF 520 Family Assessment (3)
CF 565 Family Service Internship (6)

Additional Requirements: 9 hours
FE 200 Family Resource Management (3)
SW 121 Helping Skills in Human Services (3)
SW 207 Undrstdg Culttrl & Soc Diversity (3)

HUMAN ENVIRONMENTAL STUDIES:

FASHION MERCHANDISING OPTION
38 Hour Major - Retail Management Minor Required
Required Courses:
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 Applic (3)
AR 104 Design Foundations (3)
EC 101 Economic Problems & Policies (3)
MG 301 Principles of Management (3)
MG 356 Human Resources Management I (3)
## 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 Systems (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 Aided Drafting (3)
- **TG 226** Residential Arch Drftg & Design (3)
- **TG 322** Comm Arch Drftg & Design (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)

## INDUSTRIAL TECHNOLOGY

79 Hour Major - No Minor Required

**Required Courses:**
- **IM 102** Technical Communication (3)
- **IM 211** Industrial Safety Supervision (3)
- **IM 311** Statistical Process Control (3)
- **IM 419** Industrial Supervision (3)
- **MA 133** Plane Trigonometry (3)
- **MA 134** College Algebra (3)
- **MA 139** Applied Calculus (3)
- **MN 22** Engineering Econ Analysis (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 410** Manufac Research/Global Society (3)

*Construction Management and Design and Industrial Management options must take CH181; Telecommunications & Computer Networking option must take PH121.

Choose One Option:

### CONSTRUCTION MANAGEMENT & DESIGN (39 Hours)

- **CM 243** Construction Methods & Mats (3)
- **CM 310** Construction Building Codes (3)
- **CM 315** Construction Contracts & Legal Issues (3)
- **CM 320** Construction Cost Estimating (3)
- **CM 325** Bldg Mechanical & Electrical Syst (3)
- **CM 330** Construction Planning Scheduling (3)
- **CM 343** Construction Surveying & Testing (3)
- **CM 410** Construction Project Administration (3)
- **IM 317** Internship (3)
- **MN 319** Statics & Strength of Materials (3)
- **TG 126** Computer Aided Arch Drafting (3)
- **TG 226** Resid Arch Drafting & Design (3)
- **TG 322** Comm Arch Drftg & Design (3)

### INDUSTRIAL MANAGEMENT (39 Hours)

- **ET 160** Basic Electricity & Electronics (3)
- **ET 194** Intro to PLCs (3)
- **IM 313** Facilities Planning (3)
- **IM 315** Work Measurement (3)
- **IM 411** Total Quality Assurance (3)
- **IM 417** Manufacturing Resource Analysis (3)
- **MG 301** Principles of Management (3)
- **MN 170** Industrial Materials & Testing (3)
- **MN 203** Industrial Materials & Process I (3)
- **MN 204** Industrial Materials & Processes II (3)
- **QM 352** Quantitative Methods (3)
- **TG 120** Computer Aided Eng. Graphics (3)
- **TG 125** Print Reading for Industry (3)

### TECHNICAL GRAPHICS (39 Hours)

- **TG 120** Computer Aided Eng. Graphics (3)
- **TG 125** Print Reading for Industry (3)
- **TG 180** Intro to Indus Graphics (3)
- **TG 280** Vect & Bittmp Graph for Indus (3)
- **TG 220** Solid Modeling & Rapid Prototyping (3)
Bachelor of Science Majors

Southeast Missouri State University 2006-07

**TECHNOLOGY (34 Hours)**

- TG 226 Resid Arch Drft & Design (3)
- TG 282 Electronic Publishing (3)
- TG 284 Photography Fundamentals (3)
- OR
- TG 322 Comm Arch Drft & Design (3)
- TG 324 Design Modeling & Processes (3)
- TG 326 Advanced Production Drafting (3)
- TG 386 Interactive Multimedia & Animation (3)
- TG 482 Multicolor Print Processes (3)
- TG 490 Advanced Graphics Projects (3)

**TELECOMMUNICATION & COMPUTER NETWORKING (39 Hours)**

- ET 160 Basic Electricity & Electronics (3)
- ET 194 Fundamentals of PLCs (3)
- ET 245 Logic Circuits (3)
- ET 254 Fiber Optics & Network Comm (3)
- ET 255 Microcomputer Maint & Troubleshooting (3)
- ET 275 Network Routing & Switching I (3)
- ET 375 Network Routing & Switching II (3)
- ET 395 Server Maint & Troubleshooting (3)
- ET 425 Wireless Comm & Mobile Data Netwk (3)
- ET 435 Network Security (3)
- MI 440 Web Design Electronic Comm (3)
- OR
- IS 175 Information Systems I (3)
- MI 445 System Analysis & Design (3)
- OR
- IS 275 Information Systems II (3)
- MN 412 Adv Manufacturing Systems (3)
- OR
- IM 317 Cooperative Industrial Internship (3)

**INTERDISCIPLINARY STUDIES**

*72 Hour Major - No Minor Required*

For details about the Interdisciplinary Studies major, students should contact the School of University Studies or visit the School of University Studies web page at http://semo.edu/ustudies. Students must complete the interdisciplinary contract prior to the senior year. A cumulative GPA of 2.5 is required for graduation.

**MASS COMMUNICATION**

*35-36 Hour Major - Minor Required*

(A grade of ’C’ or better is required in all courses within the major except MC 486 & MC 496 which are credit/no credit courses.)

**Required Courses:**

- MC 101 Mass Communication & Society (3)
- MC 201 Writing for the Mass Media (3)
- MC 301 Mass Comm Theory & Resrch (3)
- MC 401 Communication Law (3)
- MC 486 Internship in Mass Communication (3)
- OR
- MC 496 Practicum in Mass Comm (3)
- MC xxx Mass Communication electives (6)

**Additional Requirement:**

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

*A grade of ‘C’ or better is required in MA 155 and UI 382.

**Choose One 15 Hour Option:**

**ADVERTISING**

- MC 310 Advertising Comm Strategies (3)
- MC 312 Advertising Creative Concepts (3)
- MC 314 Adv Social Issues/Responsibilities (3)
- MC 316 Advertising Media (3)
- MC 418 Advertising Campaigns (3)

**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 482 Special Problems (3)

**RADIO**

- MC 340 Basic Radio (2)
Bachelor of Science Majors
Southeast Missouri State University 2006-07

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 366 TV Directing (3)
MC 458 Advanced Video Production (3)
MC 467 Television Systems (3)

NOTE: Of the 83 hours required outside of the major, 68 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 24 Hour Option:

PURE MATHEMATICS
MA 345 Linear Algebra (3)
MA 445 Modern Algebra (3)
MA 523 Probability & Statistics 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
MA 223 Elem Probability & Statistics (3)

Choose 3 Hours From:
MA 445 Modern Algebra (3)
MA 523 Probability & Statistics 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 423 Statistical Analysis for Forensic Science (3)
MA 464 Mathematical Cryptography (3)
MA 486-488 Internship in Mathematics (1-3)
MA 523 Probability & Statistics I (3)

MA 524 Probability & Statistics II (3)
MA 544 Numerical Analysis (3)
MA 545 Linear Algebra & Matrices (3)
MA 546 Advanced Calculus I (3)
MA 547 Advanced Calculus II (3)
MA 550 Differential Equations II (3)
MA 580 Exp Design & Analysis of Variance (3)
CH 311 Physical Chemistry I (4)
CH 312 Physical Chemistry II (3)
CS 345 Discrete Structures II (3)
EP 261 Eng Mech Statics (3)
EP 262 Eng Mech Dynamics (3)
EP 361 Thermal Analysis (3)
EP 372 Signals & Systems (3)
EP 374 Control Systems (3)
PH 341 Optics (3)
PH 370 Mechanics (3)
PH 371 Electromagnetics (3)
PH 570 Mathematical Physics (3)

Choose 3 Hours From:
MA 524 Probability & Statistics 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)

MEDICAL TECHNOLOGY
73-77 Hour Major - No Minor Required

Required Courses:
BI 200 General Microbiology (3)
BI 381 Molecular Genetics (3)
BI 442 Immunology (3)
BI 543 Pathogenic Microbiology (2)
BI 544 Pathogenic Microbiology Laboratory (1)
BS 103 Human Biology (3)

Choose 15 Hours From:
BI 154 Genetics & Cellular Biology (4)
CH 185 General Chemistry I (5)
CH 186 General Chemistry II (3)
CH 187 Qualitative Analysis (2)
CH 271 Quantitative Analysis (4)
CH 341 Organic Chemistry I (4)
CH 342 Organic Chemistry Lab I (1)
MA 134 College Algebra or H.S. equiv (0-3)
MA 223 Elem Probability & Statistics (3)
ZO 331 Animal Physiology (3)
### Bachelor of Science Majors

**Southeast Missouri State University 2006-07**

**OR**
- BS 332 Human Physiology (3)
- UI 331 Biochemistry I (3)

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

### PHYSICS

**56 Hour Major - No Minor Required**

**Required Courses:**
- EP 100 Physics & Engineering Concepts (1)
- EP 340 Electronic Circuits I (4)
- EP 361 Thermal Analysis (3)
- EP 462 Materials Science (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)
- PH 473 Quantum Mechanics (3)
- PH 477 Physics Seminar (1)
- PH 478 Undergraduate Research (1)
- PH 479 Undergraduate Research (2)
- PH 570 Mathematical Physics (3)

**Choose 7 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)

### POLITICAL SCIENCE

**36 Hour Major - Minor Required**

**Required Courses:**
- PS 001 Senior Assessment (0)
- PS 103 U.S. Political Systems (3)

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

Select 3 Hours from Each of the Five Categories, plus 6 Additional Hours From One Category

(9 Hours of PS courses must be 300-500 level)

**American Government & Politics**
- PS 230 American Public Policy (3)
- PS 310 Govt & Politics in American States (3)
- PS 335 American Foreign Policy (3)
- PS 360 Political Parties & Voting Behavior (3)
- PS 365 Legislative Process (3)
- PS 387-389 Independent Study in Poli Sci (1-3)
- PS 390 American Judicial System (3)
- PS 418 Public Policy Analysis (3)
- PS 490 Constitutional Law (3)
- UI 320 Modern Presidency (3)

**Comparative Government & Politics**
- PS 355 Less Developed Nations (3)
- PS 377 Govt & Pol of East Asia (3)
- PS 387-389 Independent Study in Poli Sci (1-3)
- PS 460 Govt & Politics West Europe (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 in Poli Sci (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 in Poli Sci (1-3)
- PS 402 Fund of Public Administration (3)
- PS 403 Public Personnel Administration (3)
- PS 405 Org Theory/Behavior (3)
- PS 415 Government Budgeting Process (3)
- PS 418 Public Policy Analysis (3)
- PS 425 Administrative Law & Procedure (3)

**Political Theory**
- PS 387-389 Independent Study in Poli Sci (1-3)
- 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)

Choose 6 Additional Hours PS Electives

**Additional Requirements: 11 Hours**
AD 101  Intro to Microcomp Appl (3)

Choose 3 Hours of Statistics:
MA 223  Elem Probability & Statistics (3)
PY 271  Research Design & Analysis I (3)
PY 571  Intro to Behavioral Statistics (3)
QM 257  Business Statistics (3)
SO 242  Statistics for Social Scientists (3)

Additional Math Requirement:
MA xxx  5 Hours MA 123 or above (except MA 230, 318, 418)

PSYCHOLOGY
36 Hour Major - Minor Required

Required Core Courses:
PY 102  Intro to Psychology (3)
PY 271  Research Design & Analysis I (3)
PY 370  Research Design & Analysis II (3)
PY 484  Advanced Research in Psychology (3)
PY 497  Historical Development of Psychology (3)

Extended Core Courses: (Choose One Course From Each of the Following Five Areas) (15 hours)

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

Clinical/Personality
PY 432  Intro to Personality (3)
PY 440  Abnormal Psychology (3)
PY 441  Intro to Clinical Psychology (3)
PY 442  Psychotherapy (3)
PY 444  Childhood Psychopathology (3)
PY 495  Internship in Psychology (3)
PY 531  Psychological Testing (3)

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

Developmental Psychology
PY 325  Psychological Devel of the Family (3)
PY 329  Psychology of Death & Dying (3)
PY 444  Childhood Psychopathology (3)
PY 495  Internship in Psychology (3)
PY 521  Advanced Child Development (3)
PY 525  Maturity & Aging (3)

Social/Applied Psychology
PY 250  Applied Psychology (3)
PY 251  Industrial/Organizational Psychology (3)
PY 358  Social Psychology (3)
PY 359  Psychology & the Law (3)
PY 495  Internship in Psychology (3)

RECREATION
57 Hour Major - No Minor Required

Required Courses:
RC 100  Leisure in a Diverse Culture (3)
RC 140  Intro to Recreation Services (3)
RC 220  Leadership and Group Dynamics (3)
RC 260  Intro to Therapeutic Recreation (3)
RC 288  Practicum in Recreation Services (3)
RC 303  Research Methods (3)
RC 380  Programming for Recreation Services (3)
RC 385  Rec Facilities Planning & Mgmt (3)
RC 420  Organization & Admin of Rec Svcs (3)
RC 440  Facilitation of Group Development (3)
RC 497  Recreation Internship (12)

Choose 12 Hours From:
RC 112  Intro to Music Therapy (3)
RC 116  Special Topics in Health & Leisure (1-3)
RC 119  Outdoor Adventure Special Topics (1-3)
111 Bachelor of Science in Business Administration Majors

Southeast Missouri State University 2006-07

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)*

*Only 3 hours of UI courses may be applied to the elective hours.

NOTE: Therapeutic Recreation is a specific area in which professional certification can be earned. Inquire at the Department of Health, Human Performance and Recreation for specific information to prepare for certification. First Aid/CPR certification is strongly encouraged for all Recreation majors.

SOCIAL WORK

57 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 201 Social & Economic Justice (3)
SW 221 Interviewing Skills for Generalist Pract (3)
SW 242 Statistics for Social Scientists (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 Social Work Practice I (3)
SW 322 Social Work Practice II (3)
SW 323 Social Work Practice III (3)
SW 342 Meth of Soc Resrch/Generalist Practc (3)
SW 449 Social Work Integrative Seminar (3)
SW 450 Field Education (6)
SW 451 Field Education (6)

Choose 6 Hours From:
HS 551 Case Management (3)
SW 351 Child Welfare Services (3)
SW 352 Social Welfare Services to the Aged (3)
SW 353 Child Development (3)
SW 354 Crisis Intervention (3)
SW 355 Special Topics in Social Work (3)
SW 356 Social Work in Mental Health (3)
SW 387-389 Independent Study in Social Work (1-3)
(With approval from advisor, one other 300 or 400 level course may be substituted for a Social Work elective.)

Additional Requirements: 9 Hours
SW/BS 103 Human Biology (3)
PY 101 Psych Perspectives/Human Behavior (3)
SO 102 Society, Culture & Social Behavior (3)

SPORT MANAGEMENT

41 Hour Major - Business Administration Minor

Required Core Courses:
MK 351 Sport Marketing (3)
PE 201 Sport & Society (3)
SM 220 Intro to Sport Management (3)
SM 340 Sport Ethics (3)
SM 360 Sporting Event Management (3)
SM 370 Practicum in Sport Management (2)
SM 455 Sport-Related Venue Design & Operation (3)
SM 460 Fund of Sport Delivery Systems (3)
SM 470 Sport Management Internship (12)
SM 540 Legal Aspects of Sport & Physical Activity (3)
SM 570 Mgmt & Leadership in Sport Organizations (3)

Required Support Courses:
MC 101 Mass Communication & Society (3)
PL 204 Ethical Theory (3)
SC 105 Fundamentals of Oral Communication (3)
SC 155 Fundamentals of Interpersonal Communication (3)

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION DEGREE

For students planning careers in business. See Admission to Business Administration Programs criteria under Admissions, page xx. The areas from which majors must be chosen are:
Accounting
Administrative Systems Management
Economics
Options: Business Economics
Financial Economics

Finance
International Business
Management
Options: Human Resource Management
Organizational Leadership

Management Information Systems
Marketing
Options: Integrated Marketing
Communications
Marketing Management

Organizational Administration

Fifty percent of an individual's business degree program (60 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 Principles of Management (3)
MI 375 Management Information Systems (3)
MK 301 Principles of Marketing (3)
QM 352 Quantitative Methods in Business (3)
QM 358 Production/Operations Management (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)

Support Courses

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 375 Financial Statement Analysis (3)
AC 531 Strategic/Cost Managerial Accounting (3)
AC 534 Advanced Accounting (3)
AC 540 International Perspectives in Acctg (3)
AC 545 Advanced Income Tax Accounting (3)
AC 547 Accounting Theory (3)
AC 548 Not-For-Profit Accounting (3)
AC 573 Internship in Accounting (3)
BL 563 Law & Business (3)

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)
Bachelor of Science in Business Administration Majors

Choose 6 Hours From:

AC 330 Accounting Information Systems (3)
AD 210 Business Computing Fundamentals (3)
AD 337 Admin Systems Mgmt Internship (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 25 Hour Option:

BUSINESS ECONOMICS

EC 410 Macroeconomic Theory (3)
EC 420 Microeconomic Theory (3)
EC 498 Economics Seminar (1)
EC 561 Managerial Economics (3)

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

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)

Choose 6 Hours From:

EC 351 Applied Economic Models (3)
EC 470 Public Sector Economics (3)
EC 580 International Economics (3)
FI 366 Investments (3)

Choose 6 Hours From:

EC xxx EC course (235-500 level)
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 473 Internship in Finance (3)
FI 475 Futures Seminar (3)
FI 491-493 Independent Study in Finance (1-3)
FI 568 Portfolio Seminar (3)
AC/EC One of the following courses:
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:

AN383 Cultures of the Third World (3)
PS 335 American Foreign Policy (3)
PS 380 International Organizations (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 of International Business Programs)
Bachelor of Science in Business Administration Majors
Southeast Missouri State University 2006-07

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 Skills (3)
MG 462 Org Theory & Design (3)
Choose One 15 Hour Option:
HUMAN RESOURCE MANAGEMENT
Required Courses:
MG 446 Human Resource Management II (3)
MG 456 Topics in Human Resource Mgmt (3)
Choose 9 Hours From the Following:
BA 361 Small Bus Mgmt/New Venture Creation (3)
EC 380 Labor Economics (3)
MG 354 Topics in Mgmt Comm (3)
MG 356 Human Resource Mgmt I (3)
MG 457 Topics in Organizational Behavior (3)
MG 470 Leadership in Mgmt (3)
MG 473 Internship in Management (3)
MG 548 Project Management (3)
MI 410 Business Database Systems (3)
IM 411 Total Quality Assurance (3)

ORGANIZATIONAL LEADERSHIP
Required Courses:
MG 470 Leadership in Management (3)
MG 550 Improving Team Performance (3)
Choose 9 Hours from the Following:
BA 361 Small Bus Mgmt/New Venture Creation (3)
IM 411 Total Quality Assurance (3)
MG 354 Topics in Mgmt Comm (3)
MG 356 Human Resource Mgmt I (3)
MG 446 Human Resource Mgmt II (3)
MG 456 Topics in Human Resource Mgmt (3)
MG 457 Topics in Organizational Behavior (3)
MG 473 Internship in Management (3)
MG 548 Project Management (3)
MI 410 Business Database Systems (3)

MANAGEMENT INFORMATION SYSTEMS
24 Hour Major - No Minor Required
Required Courses:
IS 130 Visual Basic Programming I (3)
MI 410 Bus Database Systems (3)
MI 420 Telecommunications Mgmt (3)
MI 440 Web Design for Electronic Commerce (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)
CS 265 Computer Science II (4)
OR
IS 330 Visual Basic Prgram II (3)
ET462 Networking I (3)
MI 430 Knowl-Bsd Dec Sptr Syst for Mgmt (3)
MI 439 Electronic Commerce (3)
MI 575 Information Technology Mgmt (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:
INTEGRATED MARKETING COMMUNICATIONS
MK 341 Public Relations (3)
MK 342 Professional Selling (3)
MK 443 Integrated Mktg Comm Pract (3)
MARKETING MANAGEMENT
MK 346 Distribution Management (3)
MK 348 Product & Pricing Strategy (3)
MK 473 Marketing Internship (3)
OR
MK 483 Pract in Strategic Marketing (3)

ORGANIZATIONAL ADMINISTRATION
24 Hour Major - No Minor Required
Required Courses:
AC 375 Financial Statement Analysis (3)
EC 561 Managerial Economics (3)
Bachelor of Science in Education Majors
Southeast Missouri State University 2006-07

MG 354 Topics in Management Communication (3)
MG 362 Management Skills (3)
MG 462 Org Theory & Design (3)
MK 343 Advertising and Promotion (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 xx. 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 three semester hours of English Composition with grades of 'C' or better to meet certification requirements.

EARLY CHILDHOOD EDUCATION

Professional Education Requirements: 63 Hours
(A minimum grade of "C" is required in each professional education course.)

BLOCK I: 5 Hours
PY/CF 120 The Child: Devel/Conception to Adolsc (3)
EL 120 Elementary Field Experience I (2)

BLOCK II: 15 Hours
ED 255 Children & the Arts (3)
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)

BLOCK III: 14 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)
EX 390 Psych & Educ of the Except Child (3)

EARLY CHILDHOOD BLOCK: 18 Hours
CE 340 Parent/School Collaborations (3)
CE 365 Conncctg Assmt & Curric in Early Yrs (2)
CE 366 Devel Curric in Early Childhd Educ (4)
CE 368 Early Childhood Field Experience (3)
CE 370 Lang Dvlpmnt of Young Child (3)
CF 300 Parent Education (2)
CF 301 Parent Education Lab (1)

BLOCK IV: 12 Hours
CE 499 Portfolio Review (0)
CE 433 Student Tching Early Childhood (1st) (6)
CE 434 Student Tching Early Childhood (2nd) (6)

Additional Requirements: 14 Hours
BS 118 Intro Process Science Elem Teachers (1)
CF 200 Guiding Alternatives (3)

OR

Special Early Childhood Requirements: 14 Hours
BS 118 Intro Process Science Elem Teachers (1)

OR

BS 218 Biological Science: A Process Apprch (3)
EC 101 Economic Problems & Policies (3)

OR

EC 215 Principles of Microeconomics (3)

OR

AG 201 World Food & Society (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)
SO 102 Soc, Culture & Social Behvr (3)

OR

SO 120 Cities and Society (3)

OR

SW 207 Understanding Culture/Soc Diversity (3)
UI 318 Earth Science: A Process Approach (3)
US 105 American History I (3)

OR

US 107 American History II (3)
# Bachelor of Science in Education Majors

## Southeast Missouri State University 2006-07

### ELEMENTARY EDUCATION

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

<table>
<thead>
<tr>
<th>Art</th>
<th>Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Childhood</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Foreign Languages</td>
<td>Science</td>
</tr>
<tr>
<td>Language &amp; Literature</td>
<td>Social Studies</td>
</tr>
<tr>
<td>Mathematics</td>
<td>TESOL</td>
</tr>
</tbody>
</table>

**Professional Education Requirements: 48 Hours**  
*(A minimum grade of "C" is required in each professional education course.)*

**BLOCK I: 5 Hours**  
PY/CF 120 The Child: Devel/Conception to Adolesc (3)  
EL 120  Elementary Field Experience (2)

**BLOCK II: 15 Hours**  
ED 255  Children & the Arts (3)  
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)

**BLOCK III: 16 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)

**BLOCK IV: 12 Hours**  
EL 499  Portfolio Review (0)  
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 ll (3)  
MA 418  Geometry for Teachers (3)  
MU 356  Music Skills/Classroom Teacher (1)

**Additional Requirements: 36 Hours**  
*(These courses may also meet University Studies requirements)*  
BS 218  Biological Science: A Process Apprch (3)  
EC 140  Economics course (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)  
SO 102  Soc, Culture & Social Behvr (3)  
SO 120  Cities and Society (3)  
SW 207  Understanding Culture/Soc Diversity (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 WITH ELEMENTARY CERTIFICATION

**Professional Education Requirements: 77 Hours**  
*(A minimum grade of "C" is required in each professional education course.)*

**BLOCK I: 11 Hours**  
EL 120  Elementary Field Experience (2)  
EX 200  Intro to the Exceptional Child (3)  
EX 273  Intro to Cross Categorical (3)  
PY/CF 120 The Child:Devel/Conception to Adolesc (3)

**BLOCK II: 18 Hours**  
ED 255  Children & the Arts (3)  
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 302  Language Devel of the Except Child (2)  
EX 307  Parents & the Exception Child (3)

**BLOCK III: 16 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 312  Diag & Remd of L D in Math (3)

**BLOCK IIIa: 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 312  Diag & Remd of L D in Math (3)

**BLOCK IIIb: 17 Hours**  
EF 255  Intro to the Exceptional Child (3)  
EX 200  Intro to Cross Categorical (3)  
EX 273  Intro to Exceptional Child (3)  
EX 302  Language Devel of the Except Child (2)  
EX 307  Parents & the Exception Child (3)  
EX 312  Diag & Remd of L D in Math (3)  
EX 317  Tech of Teaching Except Child (3)  
EX 373  Techniques of Cross Categorical (3)
Bachelor of Science in Education Majors

Southeast Missouri State University 2006-07

BLOCK IV: 12 Hours
EL 455    Student Teaching Elem (8)
EX 471    Student Teaching CC (6)
EX 499    Portfolio Review (0)

Special Exceptional Child Requirement: 4 Hours
BS 118    Intro Process Science Elem Teachers (1)
HL 210    Health & Safety (2)
MU 356    Music Skills/Classroom Teacher (1)

Additional Requirements: 33 Hours
(BLOCK III: 12 Hours)
Some courses may also meet University Studies requirements)
BS 218    Biological Science: A Process Approach (3)
EC xxx    Economics course (3)
EN 140    Rhetoric & Critical Thinking (3)
LI 243    Children's Literature (3)
MA 118    Mathematics I (3)
MA 318    Mathematics II (3)
MA 418    Geometry for Teachers (3)
PH 218    Physical Science: A Process Approach (3)
PS 103    U.S. Political Systems (3)
SC 105    Fundamentals of Oral Communication (3)
SO 102    Soc, Culture & Social Behvr (3)
SO 120    Cities and Society (3)
SW 207    Understanding Culture/Soc Diversity (3)
UI 308    Physical & Cultural Landscapes (3)
UI 318    Earth Science: A Process Approach (3)
US 105    American History I (3)
US 107    American History II (3)

MIDDLE AND SECONDARY EDUCATION

MIDDLE SCHOOL EDUCATION: Grades 5-9
Middle School Professional Education Requirements: 43 Hours
Middle Level students must choose two subject area concentrations and take the following professional education courses:
(A minimum grade of "C" is required in each professional education course.)

BLOCK I:
SE 222    Intro to Middle & Secondary Edu (0)

BLOCK II: 17 Hours
EF 200    School & Society (2)

SPECIAL EXCEPTIONAL CHILD REQUIREMENT: 4 HOURS

BS 118    Intro Process Science Elem Teachers (1)
HL 210    Health & Safety (2)
MU 356    Music Skills/Classroom Teacher (1)

ADDITIONAL REQUIREMENTS: 33 HOURS
(Some courses may also meet University Studies requirements)

BS 218    Biological Science: A Process Approach (3)
EC xxx    Economics course (3)
EN 140    Rhetoric & Critical Thinking (3)
LI 243    Children's Literature (3)
MA 118    Mathematics I (3)
MA 318    Mathematics II (3)
MA 418    Geometry for Teachers (3)
PH 218    Physical Science: A Process Approach (3)
PS 103    U.S. Political Systems (3)
SC 105    Fundamentals of Oral Communication (3)
SO 102    Soc, Culture & Social Behvr (3)
SO 120    Cities and Society (3)
SW 207    Understanding Culture/Soc Diversity (3)
UI 308    Physical & Cultural Landscapes (3)
UI 318    Earth Science: A Process Approach (3)
US 105    American History I (3)
US 107    American History II (3)

OPTION I: Middle School Majors must take Option I with Two Areas of Concentration (42-43 Hours) (See advisor for specific courses required in each option.)
EF 200    Seminar/Educ Issues for Student Teachers (1)
SE 250    Fundamentals of Middle School Education (3)
SE 251    Teaching Reading & Writing in Mid School (3)
SE 270    Secondary Block II Field Experience (2)
SE 271    Theories of Learning & Management (2)
SE 272    Teaching Reading/Secondary School (2)
SE 275    Diversity in America's Schools (3)

OPTION II:
Language Arts (21)
Mathematics (21)
Science (22)
Social Studies (21)

OPTION III: Single Concentration for Secondary Major adding Middle or an Elementary Major adding Middle (Middle Level must complete Option I) (30-33 Hours)
Language Arts (30)
Mathematics (30)
Science (33)
Social Studies (30)

Middle level majors must choose two areas of concentration, which require two Techniques courses and each Techniques course requires its own specialty.
SE 37X Middle Block III Field Experience for a total of 2 hours of Block III field experience.
SECONDARY EDUCATION

Secondary level majors must choose from the following majors:

- Art Education (K-12)
- Physical Education (K-12)
- Biology Education
- Physics Education
- Business & Marketing Education
- Social Studies Education
- Chemistry Education
- Spanish Education (K-12)
- English Education
- Speech & Theatre Education
- French Education (K-12)
- Unified Science: Biology
- German Education (K-12)
- Unified Science: Chemistry
- Industrial Education
- Unified Science: Physics
- Mathematics Education

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.

A minimum grade of "C" is required in each course in the content major and in each professional education course.

Secondary Professional Education Requirements: 37 Hours

**BLOCK I:**

- SE 222 Intro to Middle & Secondary Educ (0)

**BLOCK II:** 14 Hours

- EF 200 School & Society (2)
- SE 270 Secondary Block II Field Experience (2)
- SE 271 Theories of Learning & Management (2)
- SE 272 Teaching Reading/Secondary School (2)
- SE 273 Fund of High School Education (3)
- SE 275 Diversity in America's Schools (3)

**BLOCK III:** 10 Hours

- EX 390 Psychology & Educ of Except Child (3)
- SE 300 Technology to Enhance Learning (2)
- SE xxx Special Subject Techniques Course (3)
- SE 370 Secondary Block III Field Experience (2)

**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 - Middle School & Secondary Education: 12-18 hours

(These courses may meet University Studies requirements and must be completed with a minimum grade of "C")

EN 140 Rhetoric & Critical Thinking (3)
PY 222 Development of the Adolescent (3)
SC 105 Fundamentals of Oral Communication (3)

Any BI/BS course (3)
US105 American Hist. I or US107 American Hist. II (3)
PS103 US Political Systems (3)

Any CH, PH, GO course or UI373 Historical Geology (3-5)

Middle Level students only must also take:
MA 118 Mathematics I (3)
MA 318 Mathematics II (3)

ART EDUCATION

42 Hour Major - No Minor Required

(A grade of 'C' or better is required in all courses within the major.)

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 150 Structural Figure Drawing (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 202 Drawing II: Human Figure (3)
- 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)

Two pieces of artwork must be entered in the juried student assessment exhibition each year.
# Bachelor of Science in Education Majors

Southeast Missouri State University 2006-07

## BIOLOGY EDUCATION
### 51 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)

**Required Courses:**
- BI 003 Biology Major Field Assessment (0)
- BI 151 Biological Reasoning (3)
- BI 152 Intro to Scientific Investigation (1)
- BI 153 Intro to Organismal Biology (4)
- BI 154 Genetics and Cell Biology (4)
- BI 200 General Microbiology (3)
- BI 489 Analysis of Biological Issues (2)
- MA 133 Plane Trigonometry (3)
- MA 134 College Algebra (3)
- UI 422 Philosophy of Science (3)

**Choose One Option:**
**BIOLOGY EDUCATION OPTION:**
- BS105 Environmental Biology (3)

**OR**
- BS 113 Anatomy & Physiology I (3)
- BS 114 Anatomy & Physiology II (3)

**OR**
- 6 hours Biology electives - BI/BO/ZO 300 level or higher*
- PH 106 Physical Concepts (3)
- PH 120 Intro Physics I (5)
- PH 121 Intro Physics II (5)
- CH 181 Basic Prin of Chemistry (5)
- CH 185 General Chemistry I (5)
- CH 186 General Chemistry II (3)

**Choose one of the following:**
- 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)

*One course must be BO or ZO prefix is BS 113/BS 114 are not chosen

## BUSINESS AND MARKETING EDUCATION
### 42 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)

**Required Courses:**
- AC 221 Princ of Financial Accounting (3)
- AC 222 Princ of Managerial Accounting (3)
- AD 101 Intro to Microcomputer Appl (3)
- AD 210 Business Computing Fundamentals (3)
- 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 337 Admin Sytems Mgmt Internship (3)
- AD 526 Improv of Curric in Busn & Mrktg Educ (3)
- AD 527 Implement Busn & Mrktg Educ (3)
- BL 255 Legal Environment of Business (3)
- EC 215 Principles of Microeconomics (3)
- MG 252 Business Communication (3)
- MG 301 Principles of Management (3)
- MK 301 Principles of Marketing (3)

**Additional requirements:**
- UI 351 Public Opinion Management (3)
- UI 359 Consumers: Buying/Having/Being (3)

## CHEMISTRY EDUCATION
### 59-75 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)

**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 310 Intro to Physical Chemistry (5)
- CH 341 Organic Chemistry I (4)
- CH 342 Organic Chemistry Lab I (1)
- PH 120 Introductory Physics I (5)

**AND**
Bachelor of Science in Education Majors 120
Southeast Missouri State University 2006-07

PH 121 Introductory Physics II (5)
OR
PH 230 General Physics I (5)
AND
PH 231 General Physics II (5)
UI 331 Biochemistry I (3)
UI 422 Scientific Reasoning (3)
UI 443 Professional Exp in Chemistry (3)

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

Additional Requirements: 6 Hours
MA 134 College Algebra (3)
MA 139 Applied Calculus (3)

Choose one option:
CHEMISTRY EDUCATION OPTION:
Choose one of the following:
GO 110 Physical Geology (3)
GO 220 Meteorology (3)
GO 320 Oceanography (3)
UI 318 Earth Science: Process Approach (3)

Choose one of the following:
BI 332 General Ecology (3)
BS 105 Environmental Biology (3)
CH 350/EV 350/Environmental Chem (3)
GO 150 Earth Science: Environ Hazards (3)
GO 305 Environmental Geoscience (3)
UI 360 Recycling & Waste Management (3)
UI 372 Earthquakes & Society (3)

UNIFIED SCIENCE OPTION:
BO 200 Plant Biology (3)
CH 350/EV 350/Environmental Chem (3)
GO 110 Physical Geology (3)
GO 220 Meteorology (3)
GO 320 Oceanography (3)
MA 133 Plane Trigonometry (3)
ZO 200 Animal Biology (3)

ENGLISH EDUCATION

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

Required Courses:
EN 201 Writing About Literature (3)
EN 378 Grammars of English (3)
EN 379 Composition 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 385 Literature in the Secondary School (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 43 Shakespeare Hist/Com & Hum Cond (3)

Additional Requirement:
LI 256 Variety of Literature (3)

FRENCH EDUCATION

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

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:
FL 311 Survey of FR, GN & SN Lit (3)
FR 311 Survey of French Literature II (3)
FR 415 17th 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)
Bachelor of Science in Education Majors
Southeast Missouri State University 2006-07

Choose 6 Hours FR Electives (300-500 level)

Additional Requirement:
Choose 3 Hours From:
EH 366 Age of French Rev & Napoleon (3)
EH 370 Europe in the 20th Century (3)
EH 514 History of Modern France (3)
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)

GERMAN EDUCATION
36 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)
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:
FL 311 Survey of FR, GN & SN Lit (3)
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)
GN 315 Commercial German (3)
GN 330 German Grammar (3)
GN 340 German Phonetics & Pronunciation (3)
Choose 9 Hours of GN Electives (300-500 level)

Additional Requirement:
Choose 3 Hours From:
AN 101 Observing Other Cultures (3)
AN 181 Intro to Cultural Anthropology (3)
AN 241 Intro to Linguistic Anthropology (3)
AN 390 European Prehistory (3)
EH 370 Europe in the 20th Century (3)
EH 516 History of Modern Germany (3)
EH 527 Intellectual History of Europe (3)
GG 170 European Peoples & Civilization (3)
UI 37 European Film (3)
WH 103 European Civilization (3)

INDUSTRIAL EDUCATION
45 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)
Required Courses:
ET 162 DC Principles & Circuits (3)
ET 164 AC Principles & Circuits (3)
IE 401 Technology Education Mgt (3)
IM 102 Technical Communications (3)
MN 170 Industrial Materials & Testing (3)
MN 203 Industrial Materials & Process I (3)
MN 204 Industrial Materials & Processes II (3)
TG 120 Computer Aided Eng. Graphics (3)
TG 180 Intro to Indus Graphics (3)
Choose 6 Hours From:
TG 220 Solid Modeling & Rapid Prototyping (3)
TG 226 Resid Arch Drft & Design (3)
TG 282 Electronic Publishing (3)
TG 284 Photography Fundamentals (3)
TG 386 Interactive Multimedia & Animation (3)
Choose 6 Hours From:
CM 243 Construction Methds & Mats (3)
MN 354 Computer Aided Manuf (3)
MN 356 Robotics Fundamentals (3)

MATHEMATICS EDUCATION
43 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)
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 240 Analytic Geometry & Calculus III (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 545 Linear Algebra & Matrices (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 (for Secondary adding Middle School only) (30-33 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.)

Required Courses:
BS 113 Anatomy & Physiology I (3)
HL 231 Fitness Conditioning (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 220 First Aid (2)
PE 235 Psych of Coaching & Human Perf (3)
PE 238 Foundations, Hist, Phil of PE & Sport Mgt (3)

Choose 3 Hours From:
BS 105 Environmental Biology (3)
GO 305 Environmental Geoscience (3)
UI 360 Recycling & Waste Mgt (3)
UI 372 Earthquakes & Society (3)

PHYSICS EDUCATION

57-73 Hour Major - No Minor Required
(A grade of 'C' or better is required in all courses within the major.)

Required Courses:
EP 100 Physic & Engr Concepts (1)
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 360 Modern Physics (3)
PH 370 Mechanics (3)
PH 371 Electromagnetics (3)
UI 422 Scientific Reasoning (3)

Choose One option:

PHYSICS EDUCATION OPTION:
CH 181 Introductory Chemistry I (5)
Bachelor of Science in Education Majors

Southeast Missouri State University 2006-07

OR

CH 185 General Chemistry I (5)
AND
CH 186 General Chemistry II (3)

Choose 3 Hours From:
BS 108 Biology for Living (3)
BS 218 Bio Science: A Process Approach (3)
BO 200 Plant Biology (3)
ZO 200 Animal Biology (3)

Choose 3 Hours From:
GO 110 Physical Geology (3)
GO 220 Meteorology (3)
GO 320 Oceanography (3)
UI 318 Earth Sci: A Process Approach (3)

UNIFIED SCIENCE OPTION:

CH 185 General Chemistry I (5)
CH 186 General Chemistry II (3)
BO 200 Plant Biology (3)
GO 110 Physical Geology (3)
GO 220 Meteorology (3)
GO 320 Oceanography (3)
ZO 200 Animal Biology (3)

Choose 3-4 Hours From:
BS 108 Biology for Living (3)
BS 218 Bio Science: A Process Approach (3)

SOCIAL STUDIES

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

Required Courses:
AN 181 Intro to Cultural Anthropology (3)
OR
UI 339 Indians of North America (3)
EC 101 Econ Problems & Policies (3)
OR
EC 215 Principles of Microeconomics (3)
GG 150 People & Places of the World (3)
OR
UI 452 Historical Geography of the World (3)
GH 315 Historiography (3)
PS 103 U.S. Political Systems (3)
PY 101 Psych Perspective/Human Behav (3)
OR
PY 102 Introduction to Psychology (3)
SO 102 Soc, Culture & Social Behav (3)
UI 401 American Cultural Landscapes (3)
US 105 American History I (3)

Choose 3 Hours From:
WH 101 Early European Civ (3)

Choose 3 Hours From:
US 107 American History II (3)
WH 101 Early European Civ (3)

OR
GH 110 Chinese Civilization (3)
OR
GH 115 Ancient Greece & Rome (3)
WH 103 Modern European Civ (3)
OR
GH 100 African Civilization (3)
OR
GH 125 Islamic Civilization (3)
OR
GH 130 Latin American Civilization (3)

Choose 6 Hours From:
US History Courses (300-500 level)
Choose 3 Hours From:
US History Courses (any level)
Choose 3 Hours From:
EH/GH/WH History Courses (300-500 level)

Choose 3 Hours From:
PS 355 Less Developed Nations (3)
PS 570 Comparative Political Systems (3)
UI 350 Middle East Politics (3)

Choose 3 Hours From:
PS 335 American Foreign Policy (3)
PS 360 Political Parties & Voting Behavior (3)
PS 365 Legislative Process in the U.S. (3)
PS 390 The American Judicial System (3)
PS 490 Constitutional Law (3)
UI 320 American Presidency (3)
UI 357 Early Am Political Thought (3)

SPANISH EDUCATION

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

Required Courses:
SN 001 Spanish Exit Exam (0)
**Bachelor of Science in Family and Consumer Sciences Majors**

**Southeast Missouri State University 2006-07**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SN 100</td>
<td>Spanish Language &amp; Culture I (3)</td>
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<tr>
<td>SN 120</td>
<td>Spanish Language &amp; Culture II (3)</td>
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<tr>
<td>SN 200</td>
<td>Spanish Language &amp; Culture III (3)</td>
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<tr>
<td>SN 220</td>
<td>Hispanic Literature (3)</td>
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<td>SN 300</td>
<td>Spanish American Culture (3)</td>
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<td>SN 306</td>
<td>Civilization of Spain (3)</td>
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<td>SN 430</td>
<td>Spanish American Literature I (3)</td>
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<td>SN 435</td>
<td>Spanish American Literature II (3)</td>
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<td><strong>Choose 6 Hours From:</strong></td>
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<tr>
<td>FL 311</td>
<td>Survey of FR, GN &amp; SN Lit (3)</td>
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<td>SN 403</td>
<td>Survey of Spanish Literature I (3)</td>
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<td>SN 404</td>
<td>Survey of Spanish Literature II (3)</td>
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<td><strong>Choose 6 Hours From:</strong></td>
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<tr>
<td>SN 301</td>
<td>Intermediate Spanish Composition (3)</td>
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<td>SN 305</td>
<td>Intermediate Spanish Conversation (3)</td>
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<td>SN 316</td>
<td>Commercial Spanish (3)</td>
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<tr>
<td>SN 330</td>
<td>Spanish Grammar (3)</td>
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<td><strong>Choose 6 Hours SN Electives (300-500 level)</strong></td>
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<td><strong>Choose 3 Hours From:</strong></td>
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<tr>
<td>AN 101</td>
<td>Observing Other Cultures (3)</td>
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<tr>
<td>AN 181</td>
<td>Intro to Cultural Anthropology (3)</td>
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<tr>
<td>AN 241</td>
<td>Intro to Linguistic Anthropology (3)</td>
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<td>AN 360</td>
<td>Ancient Civ of Meso-America (3)</td>
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<td>EH 370</td>
<td>Europe in the 20th Century (3)</td>
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<tr>
<td>GH 125</td>
<td>Islamic Civilization (3)</td>
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<td>GH 130</td>
<td>Latin American Civilization (3)</td>
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<tr>
<td>UI 375</td>
<td>European Film (3)</td>
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<tr>
<td>WH 424</td>
<td>South Americas (3)</td>
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<td>WH 520</td>
<td>Latin America Colonial History (3)</td>
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<tr>
<td>WH 524</td>
<td>Hist of Mexico Since 1810 (3)</td>
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**SPEECH & THEATRE EDUCATION**

**36 Hour Major - No Minor Required**

A grade of 'C' or better is required in all courses within the major.

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SC 155</td>
<td>Fund of Interspers Communication (3)</td>
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<tr>
<td>SC 160</td>
<td>Intercollegiate Debate (2)</td>
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<tr>
<td><strong>OR</strong></td>
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<tr>
<td>SC 161</td>
<td>Intercollegiate Debate (2)</td>
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<tr>
<td>SC 200</td>
<td>Advanced Public Speaking (3)</td>
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<tr>
<td>SC 314</td>
<td>Argumentation &amp; Problem Solving (3)</td>
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<td>TH 155</td>
<td>Makeup (3)</td>
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<tr>
<td>TH 218</td>
<td>Acting I (3)</td>
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<tr>
<td>TH 231</td>
<td>Stagecraft I (3)</td>
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<td>TH 305</td>
<td>Rehearsal &amp; Production (2)</td>
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<tr>
<td>TH 316</td>
<td>Acting II (3)</td>
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<td>TH 351</td>
<td>Costume Design I (3)</td>
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<td>TH 385</td>
<td>Directing I (3)</td>
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<tr>
<td>TH 485</td>
<td>Directing II (3)</td>
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<td><strong>Additional Requirement:</strong></td>
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<tr>
<td>UI 425</td>
<td>Persuasion (3)</td>
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</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.

A minimum grade of "C" is required in each course in the content major and in each professional education course.

**FAMILY AND CONSUMER SCIENCES EDUCATION**

**35 Hour Major - No Minor Required**

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<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 209</td>
<td>Intro to Family Systems (3)</td>
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<tr>
<td>CF 430</td>
<td>Parent Child Interaction (3)</td>
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<tr>
<td>CT 230</td>
<td>Apparel Analysis (3)</td>
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<tr>
<td>FE 200</td>
<td>Family Resource Management (3)</td>
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<tr>
<td>FN 205</td>
<td>Selection &amp; Preparation of Foods (3)</td>
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<tr>
<td>FN 235</td>
<td>Nutrition for Health (3)</td>
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<td><strong>Choose 3 hours from:</strong></td>
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<tr>
<td>CF 402</td>
<td>Marriage Interaction (3)</td>
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<tr>
<td>PY 325</td>
<td>Psych Devlpmnt of the Family (3)</td>
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<tr>
<td><strong>Additional Elective Hours Approved by Advisor (3)</strong></td>
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</table>

**Professional Education Requirements: 37 Hours**

**Block I:**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SE 222</td>
<td>Intro to Middle &amp; Secondary Educ (0)</td>
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**Block II: 11 Hours**

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<td>EF 200</td>
<td>School &amp; Society (2)</td>
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<tr>
<td>SE 270</td>
<td>Secondary Block II Field Experience (2)</td>
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<tr>
<td>SE 271</td>
<td>Theories of Learning &amp; Management (2)</td>
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<tr>
<td>SE 272</td>
<td>Teaching Reading/Secondary School (2)</td>
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<tr>
<td>SE 273</td>
<td>Fund of High School Education (3)</td>
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<tr>
<td>SE 275</td>
<td>Multicultural Education (3)</td>
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**Block III: 10 Hours**

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EX 390</td>
<td>Psych &amp; Education of Excep Child (3)</td>
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</tr>
</tbody>
</table>
BACHELOR OF MUSIC EDUCATION DEGREE

For students planning to teach elementary or secondary school music.

MUSIC EDUCATION

65-66 Hour Major - No Minor Required

A minimum grade of "C" is required in each course in the content major and in each professional education course.

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ME 001</td>
<td>Senior Recital</td>
<td>0</td>
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<tr>
<td>ME 450</td>
<td>Synth of Mus Ed Method</td>
<td>2</td>
</tr>
<tr>
<td>MM 101</td>
<td>Theories of Music in Culture</td>
<td>3</td>
</tr>
<tr>
<td>MM 102</td>
<td>Basic Harmony &amp; Form</td>
<td>3</td>
</tr>
<tr>
<td>MM 105</td>
<td>Aural Skills I</td>
<td>1</td>
</tr>
<tr>
<td>MM 106</td>
<td>Aural Skills II</td>
<td>1</td>
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<tr>
<td>MM 203</td>
<td>Adv Harmony, Form &amp; Counterpoint</td>
<td>3</td>
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<tr>
<td>MM 204</td>
<td>Twentieth Century Techniques</td>
<td>3</td>
</tr>
<tr>
<td>MM 207</td>
<td>Aural Skills III</td>
<td>1</td>
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<tr>
<td>MM 208</td>
<td>Aural Skills IV</td>
<td>1</td>
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<tr>
<td>MH 251</td>
<td>History &amp; Lit of Music to 1827</td>
<td>3</td>
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<tr>
<td>MH 252</td>
<td>Evolution of Musical Style Since 1827</td>
<td>3</td>
</tr>
<tr>
<td>MP 1xx</td>
<td>Applied Music (1+1)</td>
<td></td>
</tr>
<tr>
<td>MP 2xx</td>
<td>Applied Music (1+1)</td>
<td></td>
</tr>
<tr>
<td>MP 3xx</td>
<td>Applied Music (1+1)</td>
<td></td>
</tr>
<tr>
<td>MP 4xx</td>
<td>Applied Music (1)</td>
<td></td>
</tr>
<tr>
<td>MU 001</td>
<td>Piano Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>MU 002</td>
<td>Sophomore Review</td>
<td>0</td>
</tr>
<tr>
<td>MU 110</td>
<td>Recitals &amp; Concerts (seven semesters)</td>
<td>0</td>
</tr>
<tr>
<td>MU 151</td>
<td>Functional Piano I</td>
<td>1</td>
</tr>
<tr>
<td>MU 152</td>
<td>Functional Piano II</td>
<td>1</td>
</tr>
<tr>
<td>MU 253</td>
<td>Functional Piano III</td>
<td>1</td>
</tr>
<tr>
<td>MU 254</td>
<td>Functional Piano IV</td>
<td>1</td>
</tr>
<tr>
<td>MU 341</td>
<td>Basic Conducting</td>
<td>2</td>
</tr>
<tr>
<td>UI 310</td>
<td>American Musical Experience</td>
<td>3</td>
</tr>
<tr>
<td>UI 402</td>
<td>Music in World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>UI 315</td>
<td>Electronics &amp; Computers in Music</td>
<td>3</td>
</tr>
<tr>
<td>UI 392</td>
<td>The Age of Romanticism</td>
<td>3</td>
</tr>
<tr>
<td>UI 393</td>
<td>The Age of Modernism</td>
<td>3</td>
</tr>
<tr>
<td>UI 394</td>
<td>Music &amp; Culture: 1600-1750</td>
<td>3</td>
</tr>
<tr>
<td>UI 396</td>
<td>The Age of Beethoven</td>
<td>3</td>
</tr>
<tr>
<td>UI 397</td>
<td>Music in Medieval &amp; Renaissance Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose One Option:

INSTRUMENTAL (20 Hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 250</td>
<td>Trumpet &amp; Horn Techniques</td>
<td>1</td>
</tr>
<tr>
<td>ME 251</td>
<td>Trombone/Euphonium/Tuba Tech</td>
<td>1</td>
</tr>
<tr>
<td>ME 252</td>
<td>Flute &amp; Double Reed Techniques</td>
<td>1</td>
</tr>
<tr>
<td>ME 253</td>
<td>Single Reed Techniques</td>
<td>1</td>
</tr>
<tr>
<td>ME 260</td>
<td>String Techniques</td>
<td>2</td>
</tr>
<tr>
<td>ME 261</td>
<td>Percussion Techniques</td>
<td>2</td>
</tr>
<tr>
<td>ME 300</td>
<td>Marching Band Techniques</td>
<td>0.5</td>
</tr>
<tr>
<td>ME 400</td>
<td>Marching Band Techniques</td>
<td>0.5</td>
</tr>
<tr>
<td>MU 220</td>
<td>Class Voice</td>
<td>2</td>
</tr>
<tr>
<td>MU 344</td>
<td>Conducting/Wind Lit</td>
<td>2</td>
</tr>
<tr>
<td>MU 3xx</td>
<td>Instrumental Ensemble</td>
<td>7</td>
</tr>
</tbody>
</table>

VOCAL (18 Hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 443</td>
<td>Choral Literature</td>
<td>2</td>
</tr>
<tr>
<td>ME 473</td>
<td>Tech of Teaching Choral Lit</td>
<td>2</td>
</tr>
<tr>
<td>MP 1xx</td>
<td>Applied Piano (1+1)</td>
<td></td>
</tr>
<tr>
<td>MU 114</td>
<td>Singer's Diction</td>
<td>2</td>
</tr>
<tr>
<td>MU 343</td>
<td>Conducting/Choral Lit</td>
<td>2</td>
</tr>
<tr>
<td>MU 3xx</td>
<td>Choral Ensemble</td>
<td>7</td>
</tr>
<tr>
<td>MU 424</td>
<td>Vocal Pedagogy</td>
<td>2</td>
</tr>
<tr>
<td>MU 430</td>
<td>Pedagogy: Applied Area</td>
<td>2</td>
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</tbody>
</table>

Professional Music Education Requirements:

Instrumental & Vocal - 39 Hours

Block I: 5 Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 222</td>
<td>Principles of Teaching Music</td>
<td>2</td>
</tr>
<tr>
<td>PY 222</td>
<td>Development of the Adolescent</td>
<td>3</td>
</tr>
</tbody>
</table>

Block II: 13 Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 200</td>
<td>School &amp; Society</td>
<td>2</td>
</tr>
</tbody>
</table>
Bachelor of Music Majors
Southeast Missouri State University 2006-07

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)

**OR**
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: 12-18 hours**
(These courses may meet University Studies requirements and must be completed with a minimum grade of "C")
EN 140 Rhetoric & Critical Thinking (3)
PY 222 Development of the Adolescent (3)
SC 105 Fundamentals of Oral Communication (3)
Any BI/BS course (3)
US105 American History I or US107 American History II (3)
PS103 US Political Systems (3)
Any CH, PH, GO course or UI373 Historical Geology (3-5)

**BACHELOR OF MUSIC**
Designed for students with an interest in professional careers in music.

**MUSIC**

76-82 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)
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 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)

Choose One Option:

**COMPOSITION** (42 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 4xx 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)

**INSTRUMENTAL PERFORMANCE** (36 Hours)
MP 1xx Applied Music: Instrumental (1+1)
MP 2xx Applied Music: Instrumental (2+2)
MP 3xx Applied Music: Instrumental (3+3)
MP 4xx Applied Music: Instrumental (3+3)
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)

**VOCAL PERFORMANCE** (38 Hours)
MP 101 Applied Music: Voice (1+1)
MP 202 Applied Music: Voice (2+2)
MP 303 Applied Music: Voice (3+3)
MP 403 Applied Music: Voice (3+3)
MU 114 Singer's Diction (2)
MU 3xx Vocal Ensemble (8)
MU 424 Vocal Pedagogy (2)
Bachelor of Science in Nursing Majors
Southeast Missouri State University 2006-07

OR
MU 430 Pedagogy: Applied Area (2)
MU 432 Literature: Applied Area (2)
MU xxx Music Elective MU 299 or above (6)

GUITAR PERFORMANCE (34 Hours)*
*Guitar Performance is a concentration area, not an option and is listed below due to specialized courses.
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 384 Guitar Ensemble (6)
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)

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) 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 XX. 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

60 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 (3)
NS 183 Phys Aspects of Well Client (2)
NS 184 Emotional/Spiritual Aspects Well Client (2)
NS 270 Pharmacology (2)
NS 281 Pro Practice: Family Nursing I (4)
NS 282 Pro Practice: Family Nursing II (4)
NS 283 Pro Practice: Med-Surg Nursing I (6)
NS 283 Pro Practice: Med-Surg Nursing II (6)
NS 284 Pro Practice: Mental Health Nursing (3)
NS 285 Research in Pro Practice (2)
NS 286 Pro Practice: Comm Health Nursing (6)
NS 289 Pro Practice: Leadership and Mgt (6)
NS 281 Advanced Assessment (1)
NS 282 Professional Seminar (1)
NS 283 Pro Practice: Care of the Frail Elderly (2)
NS 284 Comprehensive Pro Practice (6)

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 240 Microorganisms & Their Human Hosts (3)
OR
BI 200 General Microbiology (3)
FN 235 Nutrition for Health (3)
NS 232 Altered Health I (3)
NS 234 Altered Health II (3)
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):
NS 380 Holistic Assessment & Diagnosis (4)
NS 385 Research in Professional Practice (2)
NS 386 Professional Practice: Community Health Nursing (6)
NS 390 Framework for Professional Nursing (4)
NS 480 Professional Practice: Leadership & Management (6)
NS 483 Professional Practice: Care of the Frail Elderly (2)

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:

- A minimum of 64 hours of degree credit (courses numbered 100-599) is required for graduation.
- The University Studies Program, consisting of 21 hours, is required.

ASSOCIATE OF ARTS 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: 6 Hours

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CF 102</td>
<td>Personal &amp; Family Relations</td>
<td>2</td>
</tr>
<tr>
<td>CF 120</td>
<td>The Child: Dev/Concept to Adolesc</td>
<td>3</td>
</tr>
<tr>
<td>CF 126</td>
<td>Facilitating Development/Young Children</td>
<td></td>
</tr>
<tr>
<td>CF 200</td>
<td>Guiding Alternatives</td>
<td>3</td>
</tr>
<tr>
<td>CF 210</td>
<td>Field Experience in Early Child Programs</td>
<td>2</td>
</tr>
<tr>
<td>CF 290</td>
<td>Preschool Participation I</td>
<td>2</td>
</tr>
<tr>
<td>CF 291</td>
<td>Preschool Participation Lab</td>
<td>1</td>
</tr>
<tr>
<td>CF 300</td>
<td>Parent Education</td>
<td>2</td>
</tr>
<tr>
<td>CF 301</td>
<td>Parent Education Lab</td>
<td>1</td>
</tr>
<tr>
<td>CF 312</td>
<td>Org &amp; Mgt of Child Care Centers</td>
<td>3</td>
</tr>
<tr>
<td>CF 316</td>
<td>Prenatal/Infant Growth &amp; Stimulation</td>
<td>2</td>
</tr>
<tr>
<td>CF 317</td>
<td>Prenatal/Infant Growth &amp; Stimulation Lab</td>
<td>1</td>
</tr>
<tr>
<td>FN 425</td>
<td>Health, Nutrition &amp; Safety of Young Child</td>
<td>3</td>
</tr>
<tr>
<td>CF 450</td>
<td>Teaching Young Children, Ages 3-5</td>
<td>3</td>
</tr>
<tr>
<td>xx xxx Electives approved by advisor</td>
<td>6</td>
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**Additional Requirements:**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>AR 270</td>
<td>Art for the Elementary Teacher</td>
</tr>
<tr>
<td>EN 100</td>
<td>English Composition I</td>
</tr>
<tr>
<td>EN 140</td>
<td>Rhetoric &amp; Critical Thinking</td>
</tr>
<tr>
<td>LI 243</td>
<td>Children's Literature</td>
</tr>
<tr>
<td>PS 103</td>
<td>U.S. Political Systems</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PS 104</td>
<td>Comparative Political Systems</td>
</tr>
<tr>
<td>PY 101</td>
<td>Psych Persp on Human Behavior</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, but does not count toward hours for graduation.

ASSOCIATE OF APPLIED SCIENCE IN COMPUTER TECHNOLOGY

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

**70 Hours Required**

**Core Requirements: 36 Hours**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>EN 100</td>
<td>English Composition I</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EN 140</td>
<td>Rhetoric &amp; Critical Thinking</td>
</tr>
<tr>
<td>IM 102</td>
<td>Technical Communications</td>
</tr>
<tr>
<td>IS 175</td>
<td>Information Systems I</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>AD 101</td>
<td>Intro Micro Applications</td>
</tr>
<tr>
<td>IS 275</td>
<td>Information Systems II</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>AD 339</td>
<td>Network Support Sys</td>
</tr>
<tr>
<td>MA 133</td>
<td>Plane Trigonometry</td>
</tr>
<tr>
<td>MA 134</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MN 260</td>
<td>Tech Computer Programming</td>
</tr>
<tr>
<td>PH 120</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PH 121</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CH 181</td>
<td>Basic Principles of Chemistry</td>
</tr>
<tr>
<td>PS 103</td>
<td>U.S. Political Systems</td>
</tr>
<tr>
<td>SC 105</td>
<td>Fund of Oral Communications</td>
</tr>
</tbody>
</table>

*CH 181 required for Automated Manufacturing Option
## Pre-Professional Programs

**Southeast Missouri State University 2006-07**

Choose One 33 Hour Option:

### AUTOMATED MANUFACTURING
- **ET 160** Basic Electricity & Electronics (3)
- **ET 194** Intro to PLCs (3)
- **IM 311** Statistical Process Control (3)
- **MN 170** Industrial Materials & Testing (3)
- **MN 203** Industrial Materials & Processes I (3)
- **MN 204** Industrial Materials & Processes II (3)
- **MN 354** Computer Aided Mfg (3)
- **MN 356** Robotics (3)
- **MN 412** Advanced Manufacturing System (3)
- **TG 120** Computer Aided Eng. Graphics (3)
- **TG 220** Solid Modeling & Rapid Prototyping (3)

### MICROCOMPUTER SYSTEMS
- **ET 162** DC Principles & Circuits (3)
- **ET 164** AC Principles & Circuits (3)
- **ET 194** Intro to PLCs (3)
- **ET 245** Logic Circuits (3)
- **ET 255** Microcomputer Maint & Tblshng (3)
- **ET 260** Electronic Circ Design/Analysis I (3)
- **ET 264** Industrial Electronics (3)
- **ET 275** Network Routing & Switching I (3)
- **ET 366** Microcontrollers (3)
- **ET 368** Advanced Digital Principles (3)
- **ET 375** Network Routing & Switching II (3)

### TECHNICAL COMPUTER GRAPHICS
- **TG 120** Computer Aided Eng. Graphics (3)
- **TG 180** Intro to Indus Graphics (3)
- **TG 280** Vect & Bitmp Graph for Indus (3)
- **TG 220** Solid Modeling & Rapid Prototyping (3)
- **TG 226** Resid Arch Drft & Design (3)
- **TG 282** Electronic Publishing (3)
- **TG 322** Comm Arch Drft & Design (3)
- **TG 324** Design Modeling & Processes (3)
- **TG 386** Interactive Multimedia & Animation (3)
- **TG 482** Multicolor Print Processes (3)
- **TG 490** Advanced Graphic Projects (3)

### 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.

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**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-Chiropractic Curriculum**

Pre-Chiropractic is not a major at Southeast Missouri State University. It is possible to gain preparation for chiropractic school while pursuing any academic major in the university; however, most students find that the preponderance of biology coursework required by chiropractic schools make the biomedical sciences option in biology an attractive major. The Biology: Biomedical Science option is designed specifically for students in the pre-health professions. 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**

Pre-Denistry is not a major at Southeast Missouri State University. It is possible to gain preparation for dental school while pursuing any academic major in the university; however, most students find that the preponderance of biology coursework required by dental schools, and for preparation for the DAT, makes the biomedical sciences option in biology an attractive major. The Biology: Biomedical Sciences option is designed especially for students in the pre-health professions. Students should see the pre-dental advisor during their first semester at Southeast. Most dental schools have similar pre-professional course requirements. It is recommended, however, that you check out the specific requirements for the schools you are interested in and include these in your planning. For example, three schools require calculus. Make your "pool" of
potential schools as big as potential. There are 54 accredited dental schools in the United States. This information can be obtained from 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 pre-engineering advisor in the Department of Physics and Engineering Physics should be consulted for details regarding the pre-engineering 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
Pre-medicine is not a major at Southeast Missouri State University. It is possible to gain preparation for medical school while pursuing any academic major in the university; however, most students find that the preponderance of biology coursework required by medical schools, and for preparation for the MCAT, makes the biomedical sciences option in biology an attractive major. The Biology: Biomedical Sciences option is designed especially for students in the pre-health professions. Students should see the pre-medical advisor during their first semester at Southeast. Medical school admission has been characterized for some years by more applicants than entering students. This trend will certainly continue for some years in the future. As a result, students should realistically prepare themselves for more than one career. Allied elective coursework in biology, chemistry, and physics can broaden career opportunities. A strong background in liberal arts is desirable. Information about the program is available from a pre-medical advisor in the Department of Biology.

Pre-Optometry Curriculum
Pre-optometry is not a major at Southeast Missouri State University. It is possible to gain preparation for optometry school while pursuing any academic major in the university; however, most students find that the preponderance of biology coursework required by optometry schools, and for preparation for the OAT, makes the biomedical sciences option in biology an attractive major. The Biology: Biomedical Sciences option is designed
Pre-Professional Programs

especially for students in the pre-health professions. Students should see the pre-optometry advisor during their first semester at Southeast. There are only 17 optometry schools in the United States and the entrance requirements are quite similar, however there are slight variations. The student should be familiar with the entrance requirements for several schools (for example, three schools require two semester of organic chemistry) and prepare themselves appropriately so that they could potentially be eligible for all of those schools. 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 declaring pre-physical therapy. Health Management, Biology, Chemistry Recreation 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. Students planning to apply to such programs do not need to declare a major at Southeast but should declare pre-physical therapy.

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 pre-physical 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 coursework (the pre-professional program), completion of the MCAT or 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 consultation 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 and core courses in agriculture 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.