

NICHOLLS STATE UNIVERSITY

UNDERGRADUATE AND GRADUATE BULLETIN FOR 2006-2007

Nicholls State University is a Member of the University of Louisiana System

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DEPARTMENT OF TEACHER EDUCATION

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Professors: Hamilton, Lauer, Norris, Naquin, Smith, Stall, Triche.
Instructor: D. Williams.

The department offers programs of study leading to the following bachelor's degrees: Bachelor of Science in Elementary Education, Bachelor of Science in Special Education, Bachelor of Arts in Secondary Education, Bachelor of Science in Secondary Education, and a Bachelor of Music Education degree. The Bachelor of Science in Elementary Education has certification pathways for PK-3, 1-5 and 4-8. Within the Bachelor of Arts in Secondary and the Bachelor of Science in Secondary the following primary certification pathways are offered: Art Education, English Education, French Education, Social Studies Education, Business Education, Health and Physical Education, Mathematics Education, General Science Education.

The requirements stated in this *Bulletin* satisfy the certification requirements currently mandated by the Louisiana Department of Education. However, candidates must meet new and/or revised requirements if mandated by the Louisiana Department of Education.

General Information

Ethical Dispositions

The teaching profession has the responsibility to ensure that the welfare of society is safeguarded and enhanced. Consequently, persons whose actions, performance, or behavior could adversely affect children in the school or the school system will not be allowed to enter or complete the teacher education program.

Program Overview

The Teacher Education Program requires candidates to meet the requirements for Admission to Foundations Core. Admission to the college does not imply admission to the Teacher Education Program for a degree. The Program has four transition points where the progress of each candidate is reviewed and evaluated. The transition points include: Admission to Program, Prior to Clinical, Exit from Clinical, and Program Completion. Candidates must successfully complete the requirements for each transition point before advancing. Candidates not meeting the requirements at each transition point will be referred to the Admission and Retention Committee.

The program includes varied field experiences in PK-12 schools. Candidates must successfully complete a minimum of 180 hours prior to clinical and a minimum of 180 hours to exit clinical.

Computer Literacy Requirement

All candidates must successfully complete EDUC 251.

General Requirements for Teacher Education

- PRAXIS Examination - A minimum score of 174 (321 computer-based) on the Pre-Professional Skills Test/Reading, 173 (318 computer-based) on the Pre-Professional Skills Test/Writing, and 172 (317 computer-based) on the Pre-Professional Skills Test/Mathematics is required for admission to Foundations Core.
- All parts of the NTE/PRAXIS required for certification must be passed prior to clinical (student teaching). (Information on minimum passing scores available in the Dean's Office.) NTE scores taken after September 1, 1999 are not valid for certification in Louisiana.
- All candidates with a Louisiana Teaching Certificate must complete the minimum requirements for additional certification before the Dean of the College of Education can recommend that their certificates be changed.
- A minimum grade of C in all courses required for the bachelor's degree and/or certification.

Transfer Students

All candidates who have successfully completed the required methods courses at another college or university may audit one or more methods course(s) at Nicholls State University to become familiar with the Conceptual Framework of the College.

Candidates will receive credit for correspondence and extension courses taken at other institutions only when such courses have been approved for credit in advance by their advisor and by the Dean of the College of Education.

Transfer candidates must meet all of the Admission and Retention Policies within the identified transition points. Each candidate's transcript must be evaluated by his or her assigned advisor. Transfer candidates must earn a minimum grade of C in all courses required for the bachelor's degree and/or certification after transferring.

Admission to Foundations Core

Candidates are permitted to enroll in EDUC 250, EDUC 251, EDUC 255, PSYC 206, PSYC 210, and PSYC 220 when they have:

- Earned a minimum of 30 semester hours applicable to a degree. Included in the 30 semester hours must be:
 - ENGL 101 and 102 – a minimum grade of C
 - Mathematics – three semester hours other than developmental – Minimum grade of C.
 - Science – three semester hours
 - Social Science – three semester hours
 - SPCH 101 – a minimum grade of C or co-registered
 - NOTE: Candidates who have maintained a 3.5 overall grade-point average and meet the above course requirements may enroll in EDUC 250 or EDUC 255 with less than 30 semester hours.
- Earned a minimum overall grade-point average of 2.2.
- Completed an Application for Entry Form to the College of Education.
- Completed a Verification of Eligibility Form.
- Achieved passing scores on the PRAXIS Pre-Professional Reading, Writing, and Mathematics Examination.
- Qualified under the ten percent rule. Candidates will be placed on conditional status. Candidates who have earned 75 semester hours or more and are still classified on conditional status will be counseled out of the Teacher Education Program. The policy

for admission under the ten percent rule is as follows:

- The number of candidates eligible for admission under the ten percent rule will be determined by taking ten percent of the total number of candidates enrolled in all sections of EDUC 250 or EDUC 255.
- Candidates must meet all other criteria required for admission to Foundations Core.
- Only candidates who have passing scores on two parts of PRAXIS I (Reading, Writing, Mathematics) or who passed the general knowledge or communication skills component of the N.T.E. prior to September 1, 1999 will be eligible for the ten percent pool.
- Candidates in the ten percent pool will be ranked by overall grade point average.
- Candidates admitted under the rule remain on conditional status and are so notified.
- A candidate admitted under the rule is not permitted to enroll in any additional professional courses in the next or any succeeding semesters until he or she attains a passing score on both sections of the N.T.E or PRAXIS equivalent required for admission.

Transition Points

Admission to Program

Candidates are admitted to the program and are permitted to enroll in EDUC 312 and PSYC 311 when they have:

- Earned a 2.5 grade point average.
- Earned a minimum grade of C in all foundations core courses completed.
- Earned a minimum grade of C in SPCH 101.
- Successfully completed the Admissions process:
 - Written proficiency
 - Dispositions scale
 - Communication skills
 - Interview process.
- Completed a Verification of Eligibility Form.

Prior to Clinical

Candidates are admitted to student teaching and permitted to enroll in EDUC 456, 458, 465, 467, 473, and 489 when they have:

- Successfully completed all State of Louisiana Teacher Licensure (Certification) requirements other than Student Teaching.
- A minimum overall grade point average of 2.5 as calculated by the College of Education.
- A minimum grade of C in all professional courses.
- A minimum grade of C in all courses required for the Bachelor's degree and/or certification.
- Satisfactory rating on the Teacher Education Portfolio.
- Currently not on any type of probation or conditional status.
- Completed a Verification of Eligibility Form.
- Completed Dispositions Scale.

Exit from Clinical

Candidates exit from clinical when they have:

- Satisfactory ratings on Evaluation Forms (Louisiana Components of Effective Teaching) completed by Supervising Teachers, University Coordinators, and Principal.
- Documented attendance at seminars.
- Completed a minimum of 180 hours of successful teaching.
- Completed 60 hours of Direct Observation.

- Completed Dispositions Scale.
- A grade of S for satisfactory or U for unsatisfactory is assigned for all courses designated as student teaching or practicum.

Program Completion

Candidates complete the Teacher Education Program when they have:

- Successfully completed clinical experiences.
- Satisfactory rating on Student Teacher Portfolio.

CLR – Computer Literacy Requirement GER – General Education Requirement
 OCR – Oral Communication Requirement UR – University Requirement

Bachelor of Arts Programs in Education

Art Education (ARED)
 English Education (EPED) (Requires a Secondary Focus Certification)
 French Education (FRED)
 Social Studies Education (SSPE)
 Music Education (IMED or VMED)

Bachelor of Arts Degree in Art Education (ARED) (K-12)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
ART 201, 240, 252, 280 (GER)	12
ART 251 (OCR)	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST 256 (GER)	3
MATH 101 and MATH 102 or 108 or 110 (GER)	6
Natural Science Elective (GER)**	<u>3</u>
	34
SOPHOMORE YEAR	Sem. Hrs.
ART 221, 231, 261	9
ART 281, 282 (GER)	6
EDUC 250, 251 (CLR), 252	4
ENGL 212 (GER)	3
Natural Science Elective (GER)**	3
PSYC 212 (GER)	<u>3</u>
	28
JUNIOR YEAR	Sem. Hrs.
ART 211, 304, 383	9
EDUC 309, 312, 313, 317, 368, 369, 441	15
ENGL 366 (GER)	3
Natural Science Elective (GER)**	3
PSYC 311 (GER)	<u>3</u>
	33
SENIOR YEAR	Sem. Hrs.
ART Electives*	12
EDUC 321, 405, 463, 465	<u>15</u>
	27
Total Hours Required for Degree	122

* 300-level or above

** See General Education Requirements for Baccalaureate Degree

Bachelor of Arts Degree in English Education (EPED) (6-12)*

(Requires a Secondary Focus Certification)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
Arts Elective	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST 150 (GER)	3
MATH 101, Elective (GER)	6
Natural Science Electives (GER)**	6
SPCH 101 (OCR)	3
Secondary Focus Courses	3
	31
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252	4
ENGL 251, 252, (GER), 264 (GER), 366 (GER)	12
HIST 256 (GER)	3
Natural Science Elective (GER)**	3
PSYC 206, 210 (GER)	6
Secondary Focus Courses	3-6
	31-34
JUNIOR YEAR	Sem. Hrs.
EDUC 312, 313, 317, 368, 369	9
ENGL 304, 305 or 306, 321, 322, 399	15
PSYC 311 (GER)	3
Secondary Focus Courses	3-9
	30-36
SENIOR YEAR	Sem. Hrs.
EDUC 316, 321, 405, 441 463, 465	21
ENGL 493, and Electives (400 level or above)	9
Secondary Focus Courses	0-3
	30-33
Total Hours Required for Degree	125

**See General Education Requirements for Baccalaureate Degree

Bachelor of Arts Degree in French Education (FRED) (6-12)*

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
Arts Elective	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
FREN 101, 102	6
HIST 150 (GER)	3
MATH 101, Elective (GER)	6
Natural Science Electives (GER)**	6
SPCH 101 (OCR)	3
	34
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252	4
ENGL Literature 200 or above (GER), 264 (GER)	6
FREN 201, 202	6
HIST 256 (GER)	3
Natural Science Elective (GER)**	3
PSYC 206, 210 (GER)	6
Electives	3
	31
JUNIOR YEAR	Sem. Hrs.
EDUC 312, 313, 317, 368, 369	9
ENGL 366 (GER)	3

FREN 309, 310, 325, 326	12
PSYC 311 (GER)	3
Electives	3
	30
SENIOR YEAR	Sem. Hrs.
EDUC 309, 321, 405, 441 463, 465	18
FREN 315, 316, or 330, and 409	6
Electives	6
	30
Total Hours Required for Degree	125

**See General Education Requirements for Baccalaureate Degree

Bachelor of Arts Degree in Social Studies Education (SSPE) (6-12)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
Arts Elective (GER)	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
GEOG 103, 104	6
HIST 150, 151 (GER)	6
MATH 101, Elective (GER)	6
SPCH 101 (OCR)	3
Natural Science Electives	6
	37
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252	4
English Literature (200-level or above (GER)	3
GOVT 101, 250	6
HIST 255, 256 (GER)	6
Natural Science Elective	3
PSYC 210 (GER)	3
SOCI 151, 201	6
	31
JUNIOR YEAR	Sem. Hrs.
ECON 255, ECON Elective (300 or Above)	6
EDUC 312, 313, 314, 317, 368, 369	9
ENGL 366	3
GOVT 252, 387	6
HIST 303, 371	6
PSYC 311 (GER)	3
	33
SENIOR YEAR	Sem. Hrs.
EDUC 321, 405, 441, 463, 465	18
GOVT 391	3
SOCI 204	3
	24
Total Hours Required for Degree	125

Bachelor of Arts Degree in Music Education

The university awards the degree of Bachelor of Music Education in Instrumental Music Education or in Vocal Music Education upon the completion of the appropriate curriculum.

*Instrumental Music: Instructional components of MUED 223, 225, 227, 383, 385 and MUS 272, 302, and 341 collectively fulfill the oral communication requirement.

*Vocal Music: Instructional components of MUED 383, 384, 478, and MUS 272, 303, and 341 collectively fulfill the oral communication requirement.

Instrumental Music (IMED) (K-12)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
MATH 101, MATH Elective (GER)	6
MUS 100 (each semester), 110, 119, 161 or 193, 169, 171, 172, 190 or 194, 191, 201	16
Natural Science Elective (GER)	3
	32
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 252	3
ENGL 251 or 252 or 255 or 256 (GER)	3
HIST 255 or 256 (GER)	3
MUED 221, 223	2
MUS 100 (each semester), 120, 170, 190 or 194, 191, 211, 217, 240 (GER), 243 (GER), 269, 271, 272	19
Natural Science Elective* (GER)	3
PSYC 212	3
	36
JUNIOR YEAR	Sem. Hrs.
EDUC 313, 321	6
MUED 225, 227, 383	5
MUS 212, 218, 300 (each semester), 301, 302, 323, 371, 372, 390 OR 394	16
MUS 340, 341	6
PSYC 311	3
	36
SENIOR YEAR	Sem. Hrs.
EDUC 368, 441, 463, 465	18
ENGL 366 or 368 (GER)	3
MUED 385, 386	3
MUS 300, 400, 432	3
Natural Science Elective* (GER)	3
	30
Total Hours Required for Degree	134

* See General Education Requirements for the Baccalaureate Degree.

** Other than psychology.

NOTE: A proficiency board examination in piano will be given at the end of the sophomore year and will include displaying the ability to accompany. Candidates who fail the examination will be required to study piano until they pass.

Vocal Music (VMED) (K-12)

FRESHMAN YEAR	Sem. Hrs.
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
MATH 101, MATH Elective (GER)	6
MUS 100 (each semester), 109, 110, 169, 171, 172, 193 (each semester), 201	16
Natural Science Elective (GER)*	3
	32
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 252	3
ENGL 251 or 252 or 255 or 256 (GER)	3
HIST 255 or 256 (GER)	3

MUS 100 (each semester), 120, 170, 193 (each semester), 209, 211, 217, 240 (GER), 244 (GER), 269, 271, 272	20
Natural Science Elective* (GER)	3
PSYC 212	3
	35
JUNIOR YEAR	Sem. Hrs.
EDUC 313, 321	6
MUED 383	3
MUS 212, 218, 270, 300 (each semester), 301, 303, 323, 371, 372, 393 (each semester)	17
MUS 340, 341	6
PSYC 311	3
	36
SENIOR YEAR	Sem. Hrs.
EDUC 368, 441, 463, 465	18
ENGL 366 or 368 (GER)	3
MUED 384, 478	5
MUS 300, 400, 433	3
	3
Natural Science Elective* (GER)	32
Total Hours Required for Degree:	134

* See General Education Requirements for the Baccalaureate Degree.

** Other than psychology.

NOTE: A proficiency board examination in piano will be given at the end of the sophomore year and will include displaying the ability to accompany. Candidates who fail the examination will be required to study piano until they pass.

Bachelor of Science Programs in Education

Elementary Education (ELED)
 Business Education (BPED) (6-12)*
 Health and Physical Education (HPED) (K-12)
 Mathematics Education (MPED) (6-12)*
 General Science Education (GSPE) (6-12)**

*Secondary education certification areas require two areas of certification for in-depth certification.

**Secondary Science majors must have General Science as their primary certification and a secondary focus from Biology and Environmental Science, Chemistry, or Earth and Space/Environmental Science.

CLR – Computer Literacy Requirement GER – General Education Requirement
 OCR – Oral Communication Requirement UR – University Requirement

Bachelor of Science Degree in Elementary Education

PK-3 Certification (P3ED)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
BIOL 105, 108 (GER)	7
ENGL 101, 102 (GER)	6
FACS 135	3
Freshman Seminar Course (UR)	1
HIST 150 (GER)	3

MATH 101, 110 (GER)	6
PHSC 101 or 102 or 103 (GER)	3
SPCH 101 (OCR)	3
	32
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252, 312, 313, 317	10
DIET 211	3
FNAR 105 (GER)	3
GEOG elective (GER)	3
HIST 151 (GER)	3
MATH 210	3
PSYC 206 (GER)	3
	28
JUNIOR YEAR	Sem. Hrs.
EDUC 365, 368, 369, 374, 380, 381	21
ENGL 212, 366 (GER)	6
HIST 256, 371	6
PSYC 311 (GER)	3
	36
SENIOR YEAR	Sem. Hrs.
EDUC 376, 402, 403, 405, 441, 456, 463	27
FACS 497	4
LBSC 301	3
	34
Total Hours Required for Degree:	130

1-5 Certification (15ED)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
BIOL 105, 108 (GER)	7
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST 150 (GER)	3
MATH 101, 110 (GER)	6
PHSC 101 (GER), 102, 103	9
SPCH 101 (OCR)	3
	35
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252, 312, 313, 317	10
FNAR 105 (GER)	3
GEOG elective (GER)	3
HIST 151 (GER)	3
MATH 210, 214	6
PSYC 206, 311 (GER)	6
	31
JUNIOR YEAR	Sem. Hrs.
EDUC 365, 368, 369, 402	13
ENGL 212, 366 (GER)	6
GOVT 101	3
H&PE 270	2
MATH 320	3
HIST 256, 371	6
	33
SENIOR YEAR	Sem. Hrs.
EDUC 374, 376, 403, 405, 441, 457, 463	29
	29
Total Hours Required for Degree:	128

4-8 Certification (48ED)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
BIOL 105, 108 (GER)	7
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
GEOG Elective	3
H&PE 190, 270	5
HIST 151 (GER)	3
MATH 101, 110 (GER)	6
SPCH 101 (OCR)	3
	34
SOPHOMORE YEAR	Sem. Hrs.
EDUC 251 (CLR), 252, 255, 312, 313, 317, 366	13
FNAR 105 (GER)	3
GOVT 101	3
MATH 210, 214	6
PHSC 101 (GER)	3
PSYC 220, 311 (GER)	6
	34
JUNIOR YEAR	Sem. Hrs.
EDUC 368, 369, 378	9
ENGL 212, 366 (GER)	6
HIST 255, 256	6
PHSC 102, 103	6
In-Depth Courses	6
	33
SENIOR YEAR	Sem. Hrs.
EDUC 366, 405, 441, 458, 463	21
HIST 371	3
In-Depth courses	3-10
	27-34
Total Hours Required for Degree:	128-135

NOTES: Candidates must choose two in-depth areas from English, Mathematics, Science, Social Studies.

English: ENGL **101** (3), **102** (3), **212** (3), 264 (3), **366** (3), 493 (3), English Elective (3)

Mathematics: MATH **101** (3), **110** (3), 207 (3), **210** (3), 214 (3), 320 (3), 321 (1)

Science: BIOL **105** (3), **108** (4), 301 (3), PHSC **101** (3), 102 (3), 103 (3)

Social Studies: HIST 150 (3), **151** (3), **255** (3), 256 (3), 371 (3), GOVT **101** (3), GEOG 375 (3)

Note: Bold indicates satisfaction of general education requirements.

*Bachelor of Science Degree in Business Education (BPED) (6-12)**

***Secondary education certification areas require two areas of certification for in-depth certification.**

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
Arts Elective (GER)	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST 150 (GER)	3
MATH 101, 106 (GER)	6
SPCH 101 (OCR)	3
Natural Science Electives (GER)**	6
Secondary Focus Elective*	3
	31
SOPHOMORE YEAR	Sem. Hrs.
ACCT 205	3
CIS 231	3

EDUC 250, 251 (CLR), 252	4
English Literature (200-level or above (GER)	3
HIST 256 (GER)	3
PSYC 210 (GER)	3
Natural Science Elective (GER)	3
OIS 102, 200	6
Secondary Focus Electives*	<u>6</u>
	34
JUNIOR YEAR	Sem. Hrs.
ACCT 221	3
BSAD 221, 310	6
CMPS 212	3
ECON 255	3
EDUC 312, 313, 317, 368, 369	9
ENGL 366 or 368 (GER)	3
PSYC 311 (GER)	3
Secondary Focus Electives*	<u>3</u>
	33
SENIOR YEAR	Sem. Hrs.
BSAD Elective (300 level or above)	3
EDUC 307, 321, 405, 463, 465	18
MNGT 301	3
Secondary Focus Electives*	<u>3</u>
	27
Total Hours Required for Degree:	125

**See General Education Requirements for Baccalaureate Degree

Bachelor of Science Degree in Health and Physical Education (HPED) (K-12)

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
GEOL 101 (GER)	3
ENGL 101, 102 (GER)	6
GOVT 101 or 252	3
HIST 150, 151 (GER)	6
H&PE 141	3
MATH 101, 102 or 108 or 110 (GER)	6
SPCH 101 (OCR)	3
Freshman Seminar Course (UR)	<u>1</u>
	31
SOPHOMORE YEAR	Sem. Hrs.
FNAR 105 (GER)	3
BIOL 114 (GER)	3
EDUC 250, 251 (CLR), 252	4
H&PE 236, 252, 270, 280, 285	13
PSYC 206, 210 (GER)	6
GEOL 102 (GER)	<u>3</u>
	32
JUNIOR YEAR	Sem. Hrs.
EDUC 312, 313, 317, 368, 369	9
ENGL 210 (GER)	3
H&PE 320, 325, 340, 360, 373, 375	18
PSYC 311 (GER)	<u>3</u>
	33
SENIOR YEAR	Sem. Hrs.
EDUC 321, 405, 441, 463, 465	18
ENGL 366 or 368 (GER)	3
H&PE 390, 411 or 412, 492	<u>9</u>
	30
Total Hours Required for Degree:	126

*Bachelor of Science Degree in Mathematics Education (MPED) (6-12)**

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
Arts Elective (GER)	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST 150 (GE R)	3
MATH 101, 102 (GER) 165	11
SPCH 101 (OCR)	3
Natural Science Electives (GER)**	6
	33
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252	4
English Literature (200-level or above (GER)	3
HIST 256 (GER)	3
MATH 166, 265, 355, 358	14
Natural Science Elective (GER)**	3
PSYC 210 (GER)	3
Secondary Focus Electives	3
	33
JUNIOR YEAR	Sem. Hrs.
EDUC 312, 313, 317, 368, 369	9
ENGL 368	3
MATH 360, 401, 402	9
PSYC 311 (GER)	3
Secondary Focus Electives	10
	34
SENIOR YEAR	Sem. Hrs.
EDUC 318, 321, 405, 441, 463, 465	21
MATH 423, 465	6
Secondary Focus Electives	6
	33
Total Hours Required for Degree:	133

**See General Education Requirements for Baccalaureate Degree

***Secondary education certification areas require two areas of certification for in-depth certification.**

SECONDARY AREAS OF CERTIFICATION			
Computer Science:	English:	French:	Journalism:
Math Pathway: CMPS 120 CMPS 212 CMPS 221 CMPS 222 9 hours of CMPS Business Pathway CMPS 120 CMPS 212 CMPS 221 CMPS 222 9 hours of CIS	ENGL 101 ENGL 102 ENGL 251 or 252 ENGL 264 ENGL 305 or 306 Am. Lit. course ENGL 366 ENGL 491	FREN 101 FREN 102 FREN 201 FREN 202 FREN 303 FREN 304 FREN 305 FREN 306	MACO 101 MACO 251 MACO 252 MACO 261 MACO 322 MACO 326 MACO 380
Mathematics:	Biology:	Chemistry:	Earth & Space Science:
MATH 101 MATH 102 MATH 165 MATH 166	BIOL 155 BIOL 156 BIOL 203 BIOL 204	CHEM 105 CHEM 106 CHEM 110 CHEM 221	ASTR 101 CHEM 105 CHEM 106 CHEM 110

MATH 265 MATH 355 MATH 358 MATH 360 MATH 423	BIOL 301 BIOL 320 BIOL 471 CHEM 105 CHEM 106 CHEM 110	CHEM 222 CHEM 226 CHEM Elective CHEM 300 CHEM 302 CHEM 481	GEOG 370 GEOL 101 GEOL 102 GEOL 300 GEOL 370 PHSC 103
Environmental Science:	Spanish:	Speech:	
BIOL 155 BIOL 156 BIOL 301 BIOL 471 CHEM 105 CHEM 106 CHEM 110 CHEM 221 CHEM 481 GEOL 101 GEOL 300 GEOL 370	SPAN 101 SPAN 102 SPAN 201 SPAN 202 SPAN 303 SPAN 401 SPAN 6 hours (300-level or above)	SPCH 101 SPCH 133 SPCH 134 SPCH 135 SPCH 201 SPCH 217 SPCH 302 SPCH 6 hours (300-level or above)	

*Bachelor of Science Degree in General Science Education (GSPE) (6-12)***

****Secondary Science majors must have General Science as their primary certification and a secondary focus from Biology and Environmental Science, Chemistry, or Earth and Space/Environmental Science.**

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
Arts Elective (GER)	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST 150 (GER)	3
MATH 101 (GER)	3
SPCH 101 (OCR)	3
BIOL 155 (GER), 156 (GER)	8
GEOL 101, 102	<u>6</u>
	33
SOPHOMORE YEAR	Sem. Hrs.
EDUC 250, 251 (CLR), 252	4
English Literature (200-level or above) (GER)	3
HIST 256 (GER)	3
PSYC 210 (GER)	3
BIOL 203, 204	4
CHEM 105 (GER), 106	6
MATH 102	3
PHSC 103	3
PHYS 101, 102, 103	<u>9</u>
	38
JUNIOR YEAR	Sem. Hrs.
EDUC 312, 313, 317, 368, 369	9
PSYC 311 (GER)	3
CHEM 110	3
EDUC 319	3
ENGL 368	3
GEOG 370	3
Secondary Focus Electives*	<u>9-10</u>
	33-34

SENIOR YEAR	Sem. Hrs.
EDUC 321, 405, 463, 465	15
Secondary Focus Electives*	14-16
	29-31
Total Hours Required for Degree:	133-136

****Secondary Science majors must have General Science as their primary certification and a secondary focus from Biology and Environmental Science, Chemistry, or Earth and Space/Environmental Science.**

Biology and Environmental Science Secondary Focus:	Chemistry Secondary Focus:	Earth and Space Science and Environmental Secondary Focus:
BIOL 203 BIOL 204 BIOL 301 BIOL 320 BIOL 326 BIOL 370 BIOL 471 CHEM 221 CHEM 222 CHEM 226	CHEM 221 CHEM 222 CHEM 226 CHEM Elective CHEM 300 CHEM 302 CHEM 481 Electives (6 hrs. 300-level and above)	BIOL 301 BIOL 370 BIOL 471 CHEM 221 CHEM 481 GEOG 370 GEOL 300 GEOL 370 Elective (300-level or above)