

COLLEGE OF ARTS AND SCIENCES – 2012-2-13 PROGRAMS OF STUDY

PROGRAM OF STUDY - BACHELOR OF APPLIED ARTS AND SCIENCES

Degree Requirements for the Bachelor of Applied Arts and Sciences

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the “[Requirements for Graduation](#)”.
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university’s foreign language admission requirement.
5. **Major:** **27** SCH including 12 SCH from COMM 3000-4000, ENGL [3300](#), ENGL [3363](#) or ENGL [4309](#); 9 SCH of Social Sciences chosen from any ANTH, CRIJ, PSCI or SOCI at 3000-4000 level; 3 SCH in Advanced Statistics chosen from CRIJ [3305](#), PSCI [3301](#) or SOCI [3305](#); and COMM [4350](#).
6. **General Electives:** **21** SCH from any discipline **outside the College of Nursing and Health Sciences** offered by the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education, at least 18 of which must be at the 3000-4000 level. Electives may be used to develop a minor; see Appendix C.
7. **Vocational Technical Field:** **21** SCH

PROGRAMS OF STUDY - BACHELOR OF ARTS

Degree Requirements for the BA with Double Majors in specific disciplines.

The BA with a Double Major degree allows students to combine two majors into one degree to provide depth in two areas of study rather than just one. Students may choose combinations of the disciplines listed below. The Communication and Spanish combination is listed separately because of the specialized nature of some of the course requirements.

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the “[Requirements for Graduation](#)”.
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university’s foreign language admission requirement.
5. **Major Options:** **33** SCH each in two disciplines selected from **Communication:** [3300](#), [3310](#), [4340](#), [4350](#), [4360](#) and 18 SCH of advanced Communication electives. **English** 6 SCH from [2322](#), [2323](#), [2327](#), [2328](#), [2332](#) or [2333](#); [3339](#), [3347](#) or [4309](#); [4301](#); [4399](#); 6 SCH from ENGL [4306](#), [4325](#), [4327](#), [4328](#), [4329](#), [4330](#), [4331](#), [4336](#) or [4398](#) (when the topic is British); 6 SCH from [3303](#), [3329](#), [4323](#), [4324](#), [4332](#), [4333](#), or [4398](#) (when topic is American); and 6 SCH advanced English electives. **History:** [2321](#), [2322](#), [3302](#), [3303](#), [4310](#); 6 SCH of Non-US History electives from [3301](#), [3320](#), [3330](#), [3392](#), [3393](#), [3394](#), [4302](#), [4320](#), [4330](#), [4340](#), or [4391](#); 6 SCH Chronological History electives from [4316](#), [4317](#), [4318](#), [4366](#), [4367](#), or [4368](#); and 6 SCH Thematic History electives from [3370](#), [3380](#), [3385](#), [4364](#), or [4390](#). **Mathematics:** includes 2 SCH surplus from MATH [2413](#) and [2414](#) in the core; MATH [2415](#), [2371](#), [3330](#), [3360](#), [3365](#), [4335](#); and 12 SCH advanced electives. **Political Science:** [3301](#), [3313](#), [3314](#), [4311](#), [4351](#); American Politics, select 3 SCH from PSCI [3320](#) or [4320](#), Comparative Politics, select 3 SCH from PSCI [3305](#) or [3310](#); International Relations, select 3 SCH from PSCI [4335](#) or [4340](#); Comparative/International Politics, select 3 SCH from PSCI [3308](#), [3340](#), [4309](#), [4321](#), [4335](#) or [4340](#); and 6 SCH advanced electives. **Sociology:** [1301](#), [1306](#), [3304](#), [3305](#), [4310](#), [4317](#), [4380](#); and 12 SCH advanced electives. **Spanish:** [3300](#), [3305](#), [3310](#); [3321](#) or [3322](#); [3323](#) or [3326](#); [4303](#); [4308](#) and 12 SCH advanced electives.
6. **International Studies:** 3 SCH from ARTS [1303](#), [1304](#), [3310](#), [3330](#), [3352](#), [3353](#); COMM [4320](#); ENGL [2332](#), [2333](#), [3311](#), [3312](#), [3326](#), [4326](#), [4334](#); GEOG [1303](#), [3351](#), [3352](#), [3353](#); HIST [2321](#), [2322](#), [3320](#), [3330](#), [3392](#), [3393](#), [3394](#), [4302](#), [4320](#), [4330](#), [4340](#), [4341](#), [4342](#), [4391](#); MGT [4351](#), MUSI [3300](#), [3301](#), [3305](#); PORT [3324](#); PSCI [3305](#), [3308](#), [3310](#), [3312](#), [3340](#), [4309](#), [4335](#); SOCI [3307](#), [3308](#), [4318](#); SPAN [4300](#).

Degree Requirements for the BA with Major in Art

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the “[Requirements for Graduation](#)”.
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Major:** **48** SCH including ARTS [1303](#), [1304](#), [1311](#), [1312](#), [1316](#), [1317](#), [3353](#), and [4333](#); 6 SCH selected from ARTS [2316](#), [2323](#), [2326](#), [2333](#), [2346](#), [2356](#); 2 SCH selected from ARTS [3308](#), [3309](#), [3323](#), [3324](#), [3333](#), [3335](#), [3365](#), [4173-4473](#), [4301](#), [4303](#), [4304](#), [4324](#), [4331](#), [4361](#), [4365](#), and 6 SCH selected from ARTS [3310](#), [3330](#), [3352](#). Note: ARTS [1301](#) may be substituted for ARTS [1303](#).
5. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences or the A. R. Sanchez, Jr. School of Business or the College of Education.
6. **General Electives:** **9** SCH at the 3000-4000 level.

Degree Requirements for the BA with Major in Art with All Level Certification

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** 3 SCH selected from any math course above the level of College Algebra.
4. **Major:** 48 SCH including ARTS [1303](#), [1304](#), [1311](#), [1312](#), [1316](#), [1317](#), and [1333](#); 6 SCH selected from ARTS [2316](#), [2323](#), [2326](#), [2333](#), [2346](#), [2356](#); and 12 SCH selected from ARTS [3308](#), [3309](#), [3323](#), [3324](#), [3333](#), [3335](#), [3365](#), [4173-4473](#), [4301](#), [4303](#), [4304](#), [4324](#), [4331](#), [4361](#), [4365](#); and 9 SCH selected from ARTS [3310](#), [3330](#), [3352](#), [3353](#). Note: ARTS [1301](#) may be substituted for ARTS [1303](#).
5. **Professional Development:** 21 SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
6. **Support Area:** 3 SCH of EDRD [3320](#).
7. **General Electives:** 3 SCH at the 3000-4000 level. (Could be lower level) $3+12+9+21+3=48$

Degree Requirements for the BA with a Major in Biology

1. **Hours Required:** A minimum of 125 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH:** 4 SCH, designated as MATH [2412](#).
4. **Major:** 45 SCH of BIOL [1406](#), and 8 SCH of BIOL [1411](#), [1413](#) and [2421](#). Advanced requirements include 9 SCH of BIOL [3410](#), [3413](#), [4170](#) and 24 SCH selected from BIOL [3403](#), [3404](#), [3406](#), [3407](#), [3412](#), [3414](#), [3416](#), [3451](#), [4170](#), [4173-4473](#), [4402](#), [4371](#), [4404](#), [4408](#), [4409](#), [4420](#), [4425](#), [4440](#), [4441](#), [4471](#), ENSC [3310](#), [3401](#), [4170](#), [4173-4473](#), [4310](#) or [4430](#). BIOL [4173-4473](#) may be repeated for up to 8 SCH of credit within the degree program.
5. **Minor:** A minimum of 18 SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#).
Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
6. **Supporting Sciences Curriculum:** 24 SCH including CHEM [1411](#), [1412](#), taken as part of the core and [2423](#), [2425](#), PHYS [1301/1101](#), and PHYS [1302/1102](#).

Degree Requirements for the BA with a Major in Biology with Grades 8-12 Certification

1. **Hours Required:** A minimum of 122 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH:** 8 SCH designated as MATH [2412](#) and [2413](#).
4. **Major:** 36 SCH and the 8 SCH of BIOL [1406](#) and [1411](#) taken as part of the core. Additional lower-level requirements include BIOL [1413](#) and [2421](#). Advanced requirements include BIOL [3410](#) and [3413](#) and 20 SCH selected from BIOL [3403](#), [3404](#), [3406](#), [3407](#), [3412](#), [3414](#), [3416](#), [3451](#), [4170](#), [4402](#), [4404](#), [4408](#), [4409](#), [4420](#), [4425](#), [4440](#), [4441](#), [4173-4473](#), [4371-4471](#), ENSC [3310](#), [3401](#), [4170](#), [4173-4473](#), [4310](#) or [4430](#). BIOL [4173-4473](#) may be repeated for up to 8 SCH of credit within the degree program.
5. **Supporting Field:** 12 SCH in one discipline. CHEM [1411](#), [1412](#) and [2423](#) strongly suggested.
6. **Professional Development:** 21 SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
7. **Support Area:** 3 SCH of EDRD [3320](#)

Degree Requirements for the BA with a Major in Communication

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Reqs for Graduation](#)".
3. **MATH Elective:** 3 SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** 6 SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Major:** 33 SCH including: COMM [3300](#), [3310](#), [4340](#), [4350](#), [4360](#) and 18 SCH selected from remaining COMM courses with at least 3 SCH from COMM [2331](#), [3102/3202](#), [3132/3232](#), [3327](#), or [4330](#) (if the topic has a media focus). COMM [4325](#) may be replaced with MGT [3320](#). Certain courses (COMM [3324](#) and [4330](#)) may be taken more than once (when topics vary) for credit within the degree program.
6. **Minor:** A minimum of 18 SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#).
Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education. Instead of a minor, students may complete 18 SCH of Arts and Science electives, 12 SCH of which must be at the 3000-4000 level, from any department **discipline outside the College of Nursing and Health Sciences** department within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
7. **General Electives:** 18 SCH, at least 6 SCH of which must be at the 3000-4000 level.

Degree Requirements for the BA with Majors in Communication and Spanish

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** 3 SCH selected from any math course above the level of College Algebra.
4. **Second Romance Language:** 6 SCH from the same Romance Language (French, Latin or Portuguese).
5. **Communication Major:** 33 SCH including: COMM [1326](#), [3310](#), [3322](#), [3325](#), [3327](#), [3329](#), [4320](#), [4324](#), [4340](#), [4350](#), [4360](#).
6. **Spanish Major:** 33 SCH including SPAN [3300](#), [3305](#), [3310](#), [4333](#), [4351](#) and [4398](#), and 15 SCH 3000-4000 level Spanish.
7. **General Elective:** 3 SCH at the 3000-4000 level from any discipline, except Communication or Spanish, within the College of Arts and Science, the A.R. Sanchez, Jr. School of Business or the College of Education.
[30+33+3=66; General Elective could be lower level.](#)

Degree Requirements for the BA with a Major in English

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** 3 SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** 6 SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Major:** 33 SCH including ENGL [4399](#); **Surveys of Literature:** 3 SCH (in addition to the survey of literature course taken as part of the Core Curriculum) selected from the following ENGL [2322](#), [2323](#), [2327](#), [2328](#), [2332](#), [2333](#), or [2365](#); **Language Studies:** ENGL [3339](#) and either ENGL [3347](#) or [4309](#); **Major Authors:** ENGL [4301](#); **American Literature:** 6 SCH from ENGL [3303](#), [3329](#), [4323](#), [4324](#), [4332](#), [4333](#), or [4398](#) (when topic is American); **British Literature:** 6 SCH from ENGL [4306](#), [4325](#), [4327](#), [4328](#), [4329](#), [4330](#), [4331](#), [4336](#) or [4398](#) (when the topic is British); **Advanced English Electives:** 6 SCH from 3000-4000 level ENGL courses.
6. **Minor:** A minimum of 18 SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education. *Outside the College of Nursing and Health Sciences.*
7. **General electives:** 18 SCH, at least twelve of which must be at the 3000-4000 level, from any discipline, except Communication or Spanish, **outside the College of Nursing and Health Sciences** within the College of Arts and Science, the A.R. Sanchez, Jr. School of Business or the College of Education.
8. **BA/MA Option:** See [Combined BA/MA Programs](#) in this section.

Degree Requirements for the BA in English with Grades 8-12 Certification in English Language Arts and Reading

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** 3 SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** 6 SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Major:** 48 SCH including ENGL [3310](#), [3361](#), [3339](#), [4301](#), [4390](#) and [4399](#); **Surveys of Literature:** (in addition to the survey of literature course taken as part of the core curriculum) 6 SCH selected from ENGL [2322](#), [2323](#), [2327](#), [2328](#), [2332](#), [2333](#) or [2365](#); **Language Studies:** 3 SCH selected from ENGL [3347](#) or [4309](#); and 12 SCH selected from any 3000-4000 level ENGL course with the exception of ENGL [3301](#), and with the limitation of one from ENGL [3323](#), [3324](#), and [3325](#). **Reading:** EDRD [3309](#), [3320](#) and [4303](#).
6. **Professional Development:** 21 SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).

Degree Requirements for the BA with a Major in History

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Social/Behavioral Science Elective:** **3** SCH selected from HIST [3350/3351](#).
5. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
6. **Geography:** **3** SCH designated as GEOG [1303](#).
7. **Major:** **33** SCH including HIST [2321](#), [2322](#), [3302](#), [3303](#), [4310](#); Non-US HIST, select 9 SCH from HIST [3301](#), [3320](#), [3330](#), [3392](#), [3393](#), [3394](#), [4302](#), [4320](#), [4330](#), [4340](#), [4341](#), [4342](#) or [4391](#); US History, select 9 SCH chosen from HIST [3370](#), [3380](#), [3385](#), [4316](#), [4317](#), [4318](#), [4364](#), [4366](#), [4367](#), [4368](#), or [4390](#).
8. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
9. **General Electives:** **12** SCH at least 9 of which must be at the 3000-4000 level.
10. **BA/MA Option:** See [Combined BA/MA Programs](#) in this section.

Degree Requirements for the BA with Majors in History and Political Science

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra. MATH [1342](#), Introductory Statistics, strongly recommended.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Social/Behavioral Science Elective:** **3** SCH selected from HIST [3350/3351](#)
6. **History Major:** **33** SCH including HIST [2321](#), [2322](#), [3302](#), [3303](#), [4310](#); Non-US HIST, select 6 SCH from HIST [3301](#), [3320](#), [3330](#), [3392](#), [3393](#), [3394](#), [4302](#), [4320](#), [4330](#), [4340](#), [4341](#), [4342](#) or [4391](#); Chronological History, select 6 SCH from HIST [4316](#), [4317](#), [4318](#), [4366](#), [4367](#), or [4368](#); Thematic History, select 6 SCH from HIST [3370](#), [3380](#), [3385](#), [4364](#), or [4390](#).
7. **Political Science Major:** **33** SCH including PSCI [3301](#), [3313](#), [3314](#), [4311](#), and [4351](#); American Politics, select 3 SCH PSCI [3320](#) or [4320](#); Comparative Politics, select 3 SCH from PSCI [3305](#), or [3310](#); International Relations, select 3 SCH from PSCI [4335](#), or [4340](#); Comparative/International Politics, select 3 SCH from PSCI [3308](#), [3340](#), [4309](#), or [4321](#) (when the topic is comparative or international), this requirement may also be met by the "second" or unused course in the Comparative Politics or International Relations required course sequence; and 6 SCH at the 3000-4000 level (or higher for BA/MA students) not used for any other requirement.
8. **BA/MA Option:** See [Combined BA/MA Programs](#) in this section.

Degree Requirements for the BA in History with Grades 8-12 Certification

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Major:** **45** SCH including GEOG [1303](#), HIST [2321](#), [2322](#), [3302](#), [3303](#), [3351](#), [4310](#), and SOST [4391](#); Non-US HIST, select 9 SCH from HIST [3301](#), [3320](#), [3330](#), [3392](#), [3393](#), [3394](#), [4302](#), [4320](#), [4330](#), [4340](#), [4341](#), [4342](#) or [4391](#); US History, select 12 SCH from HIST [3370](#), [3380](#), [3385](#), [4316](#), [4317](#), [4318](#), [4364](#), [4366](#), [4367](#), [4368](#), or [4390](#).
6. **Support Area:** **3** SCH designated as EDRD [3320](#).
7. **Professional Development:** **21** SCH including EDCI [3301](#), [3302](#), [3304](#), [4993](#), and EDDP [4324](#).

Degree Requirements for the BA with a Major in Mathematics

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". MATH [2371](#) must be taken as part of the core.
3. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
4. **Computer Science:** **4** SCH in COSC [1136](#), COSC [1336](#)
5. **Major:** **33** SCH including 1 SCH excess in the core, MATH [2414](#), [2415](#), [3310](#), [3330](#), [3360](#), [3365](#), [4310](#), [4335](#), [4345](#) and 3 SCH from any 4000 level MATH course.
6. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
7. **General Electives:** **12** SCH, at least 6 of which must be at the 3000-4000 level, selected from arts, economics, humanities, natural sciences and social sciences. Courses must be outside the major and minor unless seeking a double major.
8. **Electives:** **5** SCH.

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Change to be the same as other degrees.
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Degree Requirements for the BA with a Major in Mathematics with Grades 8-12 Certification

1. **Hours Required:** A minimum of **124** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". MATH [2371](#) must be taken as part of the core.
3. **Major:** **46** SCH and the 1 SCH excess of Mathematics taken as part of the core; COSC [1136](#), [1336](#), MATH [2414](#), [2415](#), [3310](#), [3325](#), [3330](#), [3360](#), [3365](#), [4310](#), [4335](#), [4390](#) and 9 SCH selected from any 4000 level MATH courses.
4. **Supporting Field:** **12** SCH in one discipline defined as a major or minor. The student must develop a plan of study for the supporting field (to include a list of courses and a justification essay that describes how the discipline and the selected plan will support mathematics) in collaboration with a faculty member from the discipline.
5. **Professional Development:** **21** SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
6. **Support Area:** **3** SCH of ED RD [3320](#).

Degree Requirements for the BA with a Major in Music

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". 3 SCH of lower division MUSI courses will satisfy the Visual/Performing Arts required in the Core Curriculum.
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Major:** **54** SCH, including 3 SCH used in the Core, of MUSI, MUAP and MUEN courses as follows: 18 SCH of MUSI to include MUSI [1181](#), [1182](#), [1211](#), [1212](#), [1216](#), [1217](#), [2181](#), [2211](#), [2216](#), [3305](#); 3 SCH chosen from MUSI [3300](#) or [3301](#); 3 SCH chosen from MUSI [3346](#) or [3347](#); 16 SCH of MUAP at least 10 of which must be in the same principal area with 10 SCH at the 3000-4000 level and MUAP 4005; 12 SCH of MUEN Performance Music Ensemble at least 8 of which must be at the 3000 level; 2 SCH of MUSI coursework selected from MUSI [3233](#), [3266](#), [3268](#), [3283](#), [3288](#), [3289](#) with the approval of the advisor. All Aural Training and Music Theory courses must be passed with a grade of "C" or better. When enrolled in applied music lessons, students must be concurrently enrolled in both an assigned University ensemble and MUAP [1010](#).
5. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
6. **Music Elective:** **6** SCH at the 3000-4000 level approved by the music studies advisor.
7. **Other requirements:** Must audition with a full time faculty of the major performance area. Must complete a minimum of 6 semesters (with at least 8 SCH at the 3000-4000 level) in the same principle area.

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Degree Requirements for the BA with a Major in Political Science

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra. MATH [1342](#), Introductory Statistics, strongly recommended.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Major:** **36** SCH including PSCI [3301](#), [3313](#), [3314](#), [4311](#), and [4351](#); American Politics, select 3 SCH PSCI [3320](#), or [4320](#); Comparative Politics, select 3 SCH from PSCI [3305](#), or [3310](#); International Relations, select 3 SCH from PSCI [4335](#), or [4340](#); Comparative/International Politics, select 3 SCH from PSCI [3308](#), [3340](#), [4309](#), or [4321](#) (when the topic is comparative or international), this requirement may also be met by the "second" or unused course in the Comparative Politics or International Relations required course sequence; and 9 SCH at the 3000-4000 level (or higher for BA/MA students) not used for any other requirement.
6. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
7. **General Electives:** **15** SCH, at least 9 of which must be at the 3000-4000 level.
8. **BA/MA Option:** See [Combined BA/MA Programs](#) in this section.

Degree Requirements for the BA with a Major in Psychology

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Major:** **32** SCH including PSYC [2301](#), [2314](#), [2117/2317](#), [3102/3302](#), [3301](#), [4301](#) and [4325](#); 9 SCH from PSYC [3304](#), [3310](#), [3311](#), [3315](#), [4199-4399](#), [4303](#), [4305](#), [4306](#), [4307](#), [4308](#), [4309](#), [4310](#), or [4315](#). Note - Minimum entrance requirement for a Master of Arts in Counseling Psychology: PSYC [3302](#), [4301](#), [4303](#), [4308](#) with a grade of "B."
6. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
7. **Advanced General Electives:** **19** SCH at the 3000-4000 level.

Degree Requirements for the BA with a Major in Sociology

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Communication:** **3** SCH designated as ENGL [2311](#).
5. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
6. **Major:** **33** SCH including SOCI [1301](#), [1306](#), [3304](#), [3305](#), ([4310](#) or [4317](#)) and [4380](#); 15 SCH from SOCI [3302](#), [3304](#), [3305](#), [3307](#), [3308](#), [3310](#), [3316](#), [3336](#), [4311](#), [4318](#), [4320](#), [4325](#), [4370](#), [4375](#), [4390](#) or [4616](#).
7. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
8. **Electives:** **15** SCH at the 3000-4000 level.
9. **BA/MA Option:** See [Combined BA/MA Programs](#) in this section.

Degree Requirements for the BA with a Major in Spanish

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Foreign Language:** **6** SCH selected from the same language (Arabic, French, or Portuguese).
5. **Major:** **33** SCH including SPAN [3300](#), [3305](#), [3310](#), [4303](#), [4308](#), [4312](#) and [4399](#); and 12 SCH selected from any other 3000-4000 SPAN courses.
6. **Concentration in Translation (optional):** Will be earned if a student minors in Translation of English and Spanish and takes SPAN [4380](#), [4381](#), [4382](#), [4383](#), [4384](#) and [4385](#).
7. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
8. **General Elective:** **18** SCH, at least 12 of which must be at the 3000-4000 level, from any discipline, except the major or minor field, **outside the College of Nursing and Health Sciences** within the College of Arts and Science, the A. R. Sanchez, Jr. School of Business or the College of Education.
9. **BA/MA Option:** See [Combined BA/MA Programs](#) in this section.

Degree Requirements for the BA in Spanish with Grades 8-12 Certification

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Second Romance Language:** **6** SCH selected from the same Romance language (FREN, LATI or PORT).
5. **Major:** **45** SCH including SPAN [3300](#), [3305](#), [3310](#), [4303](#), [4308](#), [4311](#) and [4399](#); 3 SCH from SPAN [3321](#) or [3322](#); 3 SCH selected from SPAN [3323](#) or [3326](#); 3 SCH selected from SPAN [3317](#) or [4312](#); 15 SCH selected from any SPAN at the 3000-4000 level.
6. **Professional Development:** **21** SCH including EDCI [3301](#), [3302](#), [3304](#), [4993](#), and EDDP [4324](#).
7. **Support Area:** **3** SCH designated as EDRD [4303](#).

Degree Requirements for the Bachelor of Music

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". Any course listed in Appendix A will satisfy the Visual/Literary/Performing Arts required in the Core Curriculum for instrumentalists. Voice majors must take MUSI [1161](#), [1162](#) and [2161](#).
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Major:** **69** SCH of MUSI, MUAP and MUEN courses as follows: 32 SCH of MUSI to include MUSI [1181](#), [1182](#), [1211](#), [1212](#), [1216](#), [1217](#), [1302](#), [2181](#), [2211](#), [2216](#), [3253](#), [3300](#), [3301](#), [4301](#) and [4350](#); 3 SCH chosen from MUSI [3346](#) and [3347](#); 16 SCH of MUAP, at least 10 of which must be in the same principal instrument with 8 SCH at the 3000 level and MUAP 3005 and 4005; 2 SCH of an additional MUAP in a related instrument at the 3000 level; 10 SCH of MUEN Performance Music Ensemble, at least 4 of which must be at the 3000 level; 4 SCH of MUSI coursework selected from MUSI [3233](#), [3266](#), [3268](#), [3283](#), [3288](#) or [3289](#) with the approval of the advisor; 2 SCH of MUSI coursework selected from MUSI [4257](#), [4258](#) or [4259](#) with the approval of advisor. All Aural Training and Music Theory courses must be passed with a "C" or better. When enrolled in applied music lessons, students must be concurrently enrolled in both an assigned University ensemble and MUAP [1010](#).
5. **Music Elective:** **6** SCH of 3000-4000 level MUAP, MUEN or MUSI with approval of music studies advisor.
6. **Other requirements:** Must audition with full-time faculty of the music performance area. Must complete 6 semesters in the same principal area.

Degree Requirements for the Bachelor of Music with All-Level Certification

1. **Hours Required:** A minimum of 133 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". Any course listed in Appendix A will satisfy the Visual/Literary/Performing Arts required in the Core Curriculum for instrumentalists. Voice majors must take MUSI [1161](#), [1162](#) and [2161](#).
3. **MATH Elective:** 3 SCH selected from any math course above the level of College Algebra.
4. **Major:** 64 SCH of MUAP, MUEN, and MUSI as follows: 16 SCH of MUAP with at least 8 SCH upper division in primary instrument, and MUAP 4005. 31 SCH of MUSI to include MUSI [1181](#), [1182](#), [1211](#), [1212](#), [1216](#), [1217](#), [1302](#), [2181](#), [2211](#), [2216](#), [3253](#), [3254](#), [3300](#), [3301](#), and 3 SCH selected from MUSI [3346](#) and [3347](#). 9 SCH of MUEN Performance Music Ensemble is required to include 7 SCH in ensemble associated with the primary instrument and 2 SCH of upper division credits in a secondary ensemble. 8 SCH of MUSI to include MUSI [3233](#); 4 SCH from MUSI [3266](#), [3268](#), [3283](#), [3288](#), or [3289](#) including 2 SCH in the major area of musical concentration; and 2 SCH selected from MUSI [3227](#), [4257](#), [4258](#) or [4259](#). When enrolled in applied music lessons, students must be concurrently enrolled in both an assigned University ensemble and MUAP [1010](#).
5. **Professional Development:** 21 SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
6. **Support Area:** 3 SCH of EDRD [3320](#).
7. **Other requirements:** Must pass the piano proficiency exam, and must audition with a full-time faculty of the major performance area. Must complete a minimum of 6 semesters (with at least 8 SCH at the 3000-4000 level) in the same principle area.

PROGRAM OF STUDY - BACHELOR OF SCIENCE

Degree Requirements for the BS with a Major in Biology

1. **Hours Required:** A minimum of 127 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH:** 8 SCH designated as MATH [1342](#) and MATH [2413](#) and 1 SCH surplus credit from core.
4. **Major:** 47 SCH and the 8 SCH of BIOL [1406](#) and [1411](#) taken as part of the core. Additional lower-level requirements BIOL [1413](#) and [2421](#). Advanced requirements include BIOL [3406](#), [3410](#), [3412](#), [3413](#), [4170](#) and 22 SCH selected from BIOL [3403](#), [3404](#), [3407](#), [3414](#), [3416](#), [3451](#), [4170](#), [4402](#), [4404](#), [4408](#), [4409](#), [4420](#), [4425](#), [4440](#), [4441](#), [4173-4473](#), [4371-4471](#), ENSC [3310](#), [3401](#), [4170](#), [4173-4473](#), [4310](#) or [4430](#). BIOL [4173-4473](#) may be repeated for up to 8 SCH of credit within the degree program.
5. **Supporting Sciences Curriculum:** 24 SCH including CHEM [1411](#), [1412](#), [2423](#), [2425](#), and PHYS [1301](#), [1101](#), [1302](#) and [1102](#).
6. **Electives:** 6 SCH at the 3000-4000 level.

Degree Requirements for the BS with a Major in Chemistry

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** 8 SCH designated as MATH [2414](#), MATH [3330](#) and 1 SCH surplus from core.
4. **Major:** 38 SCH and the 8 SCH of CHEM [1411](#) and [1412](#) taken as part of the core; additional lower level requirements of CHEM [2423](#), [2425](#); upper level requirements of CHEM [3405](#), [3431](#), [3451](#), [4120](#), [4411](#) and 12 SCH selected from any additional CHEM course at the 3000-4000 level. CHEM [4120](#) should be taken twice for the major.
5. **Minor:** A minimum of 20 SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#).
6. **Supporting Sciences Curriculum:** 12 SCH including PHYS [1301/1101](#), [1302/1102](#) and BIOL [1406](#).

Degree Requirements for the BS with a Major in Mathematics

1. **Hours Required:** A minimum of 120 semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". MATH [2371](#) must be taken as part of the core.
3. **Major:** 55 SCH including 1 SCH excess in the core, COSC [1136](#), [1336](#), MATH [2414](#), [2415](#), [3310](#), [3330](#), [3360](#), [3365](#), [4310](#), [4335](#), [4345](#) and 21 SCH at least 18 of which must be selected from any 4000 level MATH courses, excluding MATH [4390](#).
4. **Minor:** A minimum of 18 SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
5. **Electives:** 5 SCH.

TRM

Degree Requirements for the BS with a Major in Science with Grades 8-12 Certification

1. **Hours Required:** A minimum of **124** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH :** **8** SCH, MATH [2412](#) and [2413](#).
4. **Major:** **50** SCH and the 8 SCH of BIOL [1406](#) and CHEM [1411](#) taken as part of the core. Requirements from the four science areas include: **Earth and Space Science** -8 SCH from ASTR [1311/1111](#) or [1312/1112](#) and EPSC [1370/1170](#), and 4 SCH taken from GEOL [3401](#), [3405](#), [3415](#), [3425](#), [4170](#), [4199-4499](#); **Life Science** - 4 SCH from BIOL [1411](#), [1413](#) or [2421](#); and 8 SCH of advanced Biology taken from BIOL [3403](#), [3406](#), [3407](#), [3410](#), [3413](#), [3414](#), [3416](#), [3451](#), [4170](#), [4402](#), [4404](#), [4408](#), [4409](#), [4420](#), [4425](#), [4440](#), [4441](#), [4371-4471](#), ENSC [3310](#), [4170](#), [4310](#), [4420](#) or [4430](#); **Physical Science** - PHYS [1301/1101](#), [1302/1102](#); **Chemical Science** - 8 SCH taken from CHEM [3400](#), [3405](#), [3406](#), [3431](#), [3432](#), [3451](#), [3452](#), [4120](#), [4409](#), [4410](#), [4411](#), [4431](#), [4199-4499](#), [4451](#), [4452](#). Additional requirement of 2 SCH from any advanced science research course BIOL [4173-4473](#), CHEM [4198-4498](#), ENSC [4173-4473](#), GEOL [4173-4473](#).
5. **Professional Development:** **21** SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
6. **Support Area:** **3** SCH of EDRD [3320](#).

Degree Requirements for the BS with a Major in Systems Engineering

1. **Hours Required:** A minimum of **126** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". MATH [2413](#) must be taken as part of the core.
3. **Major:** **66** SCH including COSC [1136](#), [1336](#), ENGR [1201](#), [1202](#), [1204](#), [2103](#), [2303](#), [2105](#), [2305](#), [2372](#), [2376](#), SENG [3300](#), [3310](#), [3320](#), [3330](#), [3337](#), [3340](#), [3350](#), [3370](#), [3380](#), [4301](#), [4315](#), [4350](#), [4360](#), and SENG [4390](#).
4. **MATH:** **12** SCH including 1 SCH surplus from core and MATH [2414](#), MATH [2415](#), and MATH [3310](#).
5. **Systems Engineering Electives:** 3 SCH selected from SENG [4330](#), SENG [4340](#), SENG [4370](#), SENG [4385](#), SENG [4152-4352](#), SENG [4195-4395](#), SENG [4199-4399](#).

Degree Requirements for the BS in Criminal Justice

1. **Hours Required:** A minimum of **120** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** **3** SCH selected from any math course above the level of College Algebra.
4. **Foreign Language/Study Abroad:** **6** SCH in course work (not credit by exam) above the university's foreign language admission requirement.
5. **Social/Behavior Science Elective:** **3** SCH selected from any 3000-4000 level ANTH/CRIJ/ECO/GEOG/HIST/PHIL/PSCI/PSYC/SOCI/URBS/WGST.
6. **Major:** **33** SCH including CRIJ [1301](#), [2329](#), [4321](#), [4325](#), SOCI [3336](#), (CRIJ [3305](#) or SOCI [3305](#)); 3 SCH from CRIJ [1306](#), [2313](#), [2328](#), and 12 SCH from any 3000-4000 level CRIJ. **Note:** All CRIJ majors must first satisfy the lower level CRIJ courses or their junior/community college equivalents in the sequence indicated before enrolling in advanced courses.
7. **Minor:** A minimum of **18** SCH from one discipline at least twelve of which must be at the 3000-4000 level. See [Appendix C](#). Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, **outside the College of Nursing and Health Sciences** within the College of Arts and Sciences, the A.R. Sanchez, Jr. School of Business or the College of Education.
8. **Electives:** **15** SCH, at least nine of which must be at the 3000-4000 level.

Degree Requirements for the BSIS in English Language Arts and Reading with Grades 4-8 Certification

1. **Hours Required:** A minimum of **130** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **Science Elective:** **4** SCH selected from any science discipline.
4. **Field of Study:** **12** SCH including MATH [1350](#), [1351](#), PSYC [2314](#), SOCI [1306/NURS1302](#).
5. **Major:** **51** SCH including ENGL [3325](#), [3339](#), [3347](#), [3361](#), [4301](#), [4399](#); **Histories of Literature:** (in addition to the survey of literature course taken as part of the core curriculum) 3 SCH selected from ENGL [2322](#), [2323](#), [2327](#), [2328](#), [2332](#) or [2333](#); **Language Studies:** 3 SCH selected from ENGL [4309](#) or [4347](#); **Advanced English electives:** 9 SCH from any 3000-4000 level ENGL course with the exception of ENGL [3301](#), [3310](#), [3323](#), [3324](#) and [3325](#); **Reading:** EDRD [3300](#), [3302](#), [3303](#), [3309](#), [4307](#) and [4315](#).
6. **Professional Development:** **21** SCH including EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).

Degree Requirements for the BSIS in English Language Arts and Social Studies with Grades 4-8 Certification

1. **Hours Required:** A minimum of **126** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **Field of Study:** **12** SCH including MATH [1350](#), [1351](#), PSYC [2314](#), and SOCI [1306/NURS1302](#).
4. **Major:** **45** SCH including ANTH [4351](#), ENGL [3325](#), [3363](#), [4301](#); HIST [2321](#), [2322](#), [3302](#); PSCI [3310](#), [4320](#); SOST [4391](#); **Histories of Literature:** 3 SCH selected from ENGL [2322](#), [2323](#), [2327](#), [2328](#), [2332](#) or [2333](#); **Language Studies:** 3 SCH selected from ENGL [3347](#) or [4309](#); **Cultural and Rhetorical Studies:** 3 SCH selected from ENGL ([3310](#) or [3323](#) or [3324](#)), [3326](#), [3339](#), [3361](#), [4321](#), [4322](#), [4326](#), [4335](#), [4338](#), [4347](#) or [4390](#); **English Periods and Forms:** 6 SCH selected from ENGL [3303](#), [3316](#), [3329](#), [4306](#), [4323](#), [4324](#), [4327](#), [4328](#), [4329](#), [4330](#), [4331](#), [4332](#), [4333](#), [4334](#), [4336](#), [4337](#), [4355](#), [4365](#) or [4398](#).
5. **Reading:** 6 SCH, EDRD [3309](#) and EDRD [3320](#).
6. **Professional Development:** **21** SCH including EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).

Degree Requirements for the BSIS with a Major in Mathematics with Grades 4-8 Certification

1. **Hours Required:** A minimum of **123** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". MATH [2371](#) must be taken as part of the core.
3. **Science Elective:** 4 SCH from any science discipline.
4. **Field of Study:** **12** SCH including SOCI [1306/NURS1302](#), MATH [1350](#), [1351](#), and PSYC [2314](#).
5. **Major:** **38** SCH including 1 SCH excess in core, COSC [1136](#) and COSC [1336](#), MATH [2330](#), [2413](#), [2414](#), [2415](#), [3310](#), [3360](#), [3365](#), [4310](#), [4390](#), and 3 SCH selected from 3000-4000 level MATH courses..
6. **Professional Development:** **21** SCH including EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
7. **Support Area:** 6 SCH, EDRD [3309](#) and EDRD [3320](#)

Degree Requirements for the BSIS with a Major in Science with Grades 4-8 Certification

1. **Hours Required:** A minimum of **121** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **MATH Elective:** 7 SCH designated as MATH [1350](#) and MATH [1351](#) and 1 SCH excess in the core.
4. **Field of Study:** 6 SCH including: SOCI [1306/NURS1302](#) and PSYC [2314](#).
5. **Major:** **39** SCH and the 8 SCH of Natural Sciences (BIOL [1406](#) and CHEM [1411](#)) taken as part of the core. Requirements from the four science areas include: **Earth and Space Science** - 8 SCH from ASTR [1311/1111](#) or [1312/1112](#) and EPSC [1370/1170](#); **Life Science** - 4 SCH from BIOL [1411](#), [1413](#) or [2421](#) and 8 SCH from BIOL [3410](#), [3413](#); **Physical Science** - 4 SCH from PHYS [1370/1170](#); and **Chemical Science** - 8 SCH from CHEM [1412](#), [2423](#). An additional 7 SCH may be taken from upper level Biology, Chemistry or Geology courses (no more than 2 SCH of undergraduate research may be included from BIOL [4173-4473](#), ENSC [4173-4473](#), or GEOL [4173-4473](#)).
6. **Professional Development:** **21** SCH including: EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).
7. **Support Area:** 6 SCH, EDRD [3309](#) and EDRD [3320](#).

Degree Requirements for the BSIS in Social Studies with Grades 4-8 Certification

1. **Hours Required:** A minimum of **130** semester credit hours (SCH): 45 hours must be advanced.
2. **University Core Curriculum:** **42** SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)".
3. **Science Elective:** 4 SCH selected from any science discipline.
4. **Field of Study:** **12** SCH including MATH [1350](#), MATH [1351](#), PSYC [2314](#), and SOCI [1306/NURS1302](#).
5. **Major:** **45** SCH including ANTH [4351](#), ECO [1301](#), HIST [2321](#), [2322](#), [3302](#), [3310](#), [3351](#), PSCI [3310](#), [3311](#), [3353](#), [4335](#) and SOST [4391](#); 3 SCH selected from HIST [4316](#), [4317](#), [4318](#), [4366](#), [4367](#), [4368](#); 6 SCH selected from PSCI [3305](#), [4314](#), [4320](#) or [4326](#).
6. **Reading:** 6 SCH, EDRD [3309](#) and EDRD [3320](#).
7. **Professional Development:** **21** SCH including EDCI [3301](#), [3302](#), [3304](#), [4993](#) and EDDP [4324](#).