

LEADING TO INITIAL TEXAS TEACHER CERTIFICATION 4-8, EC-12 SPECIAL EDUCATION, ASSOCIATE OF ARTS IN TEACHING

The Associate of Arts in Teaching (AAT) degree is a collegiate degree program consisting of lower-division courses intended for transfer to baccalaureate programs that lead to initial Texas teacher certification. COM offers three AAT curricula, and they are intended to be fully transferable to any Texas public university offering baccalaureate degree programs leading to these initial teacher certifications. Students who complete the AAT degree will, however, be required to meet any and all entrance requirements of the receiving university and the educator preparation program, including grade point average and /or testing requirements. Students are advised to consult with the receiving institution's advisement staff for requirements unique to that institution.

While the degree is designed for transfer purposes, for those who decide to "stop out" after completing the AAT, this degree meets the "Every Student Succeeds Act" requirements for paraprofessionals. In addition, completion of the AAT is much like that of an Associate of Arts or Associate of Science degree in that it may qualify students for work that requires at least an associate's degree.

For those courses within an AAT degree that require "lab" and/or "field experiences," students will be required to submit an application for a criminal background check. If a student has a felony conviction for certain offenses against children and families, they may not be eligible to observe, work, or volunteer in the public schools or child care facilities at which these "labs" and/or "field experiences" will take place.

Effective September 1, 2017, HB 1508 amends the Texas Occupations Code Section 53 that requires education providers to notify potential or enrolled students that a criminal history may make them ineligible for an occupational license upon program completion. The following website provides links to information about the licensing process and requirements: <https://tea.texas.gov> (<https://tea.texas.gov/>)

Should you wish to request a review of the impact of criminal history on your potential Associates of Arts in Teaching degree prior to or during your quest for a degree, you can visit the following link and request a "Criminal History Evaluation":

https://tea.texas.gov/Texas_Educators/Investigations/Preliminary_Criminal_History_Evaluation-FAQs/

This information is being provided to all persons who apply or enroll in the program, with notice of the requirements as described above, regardless of whether or not the person has been convicted of a criminal offense. Additionally, HB 1508 authorizes licensing agencies to require reimbursements when a student fails to receive the required notice.

Full-Time Student Schedule

| Course | Title | Semester Credit Hours |
|-----------------------------------|--|-----------------------|
| Semester #1 | | |
| EDUC 1300 or PSYC 1300 | Learning Framework ¹ or Learning Framework | 3 |
| ENGL 1301 | Composition I ¹ | 3 |
| MATH 1314 | College Algebra ¹ | 3 |
| EDUC 1301 | Introduction to the Teaching Profession ¹ | 3 |
| Select from one of the following: | | 3 |
| HIST 1301 | U S History I ¹ | |
| HIST 1302 | U S History II ¹ | |
| HIST 2301 | Texas History ¹ | |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II ¹ | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I ¹ | |
| BIOL 1406 | Biology for Science Majors I ¹ | |
| GEOL 1403 | Physical Geology ¹ | |
| MATH 1350 | Mathematics for Teachers I ¹ | 3 |
| EDUC 2301 | Introduction to Special Populations ¹ | 3 |
| Select from one of the following: | | 3 |
| HIST 1301 | U S History I ¹ | |
| HIST 1302 | U S History II ¹ | |
| HIST 2301 | Texas History ¹ | |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) ¹ or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking ¹ | 3 |
| Select from one of the following: | | 4 |
| BIOL 1409 | Biology for Non-Science Majors II ¹ | |
| BIOL 1407 | Biology for Science Majors II ¹ | |
| GEOL 1403 | Physical Geology ¹ | |
| PHED 1164 | Introduction to Physical Fitness and Wellness ¹ | 1 |
| PSYC 2301 or SOCI 1301 | General Psychology ¹ or Introduction to Sociology | 3 |
| Semester Credit Hours | | 14 |
| Semester #4 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) ¹ or Texas Government (Texas Constitution & Topics) | 3 |
| Select from one of the following: | | 3 |
| ARTS 1301 | Art Appreciation ¹ | |
| ARTS 1303 | Art History I ¹ | |
| ARTS 1304 | Art History II ¹ | |
| Select from one of the following: | | 3 |

| | | |
|------------------------------------|---|-----------|
| PHIL 1301 | Introduction to Philosophy ¹ | |
| HUMA 1301 | Introduction to the Humanities I ¹ | |
| ENGL 2341 | Forms of Literature ¹ | |
| MATH 1351 | Mathematics for Teachers II | 3 |
| Elective: | Content Area Specific | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

¹ Course(s) listed in the Texas Common Course Numbering System (<https://tcns.org/institution/id:14/yid:19/>)

See an advisor to determine the most appropriate academic transfer coursework for your teaching field/choice of upper level university.

Part-Time Student Schedule

| Course | Title | Semester Credit Hours |
|--|---|-----------------------|
| Semester #1 | | |
| ENGL 1301 | Composition I ¹ | 3 |
| EDUC 1300 or PSYC 1300 | Learning Framework ¹ or Learning Framework | 3 |
| Semester Credit Hours | | 6 |
| Semester #2 | | |
| MATH 1314 | College Algebra ¹ | 3 |
| EDUC 1301 | Introduction to the Teaching Profession ¹ | 3 |
| Semester Credit Hours | | 6 |
| Semester #3 (Summer) | | |
| Select from one of the following: | | |
| HIST 1301 or HIST 1302 or HIST 2301 | U S History I ¹ or U S History II or Texas History | 3 |
| Semester Credit Hours | | 3 |
| Semester #4 | | |
| ENGL 1302 | Composition II ¹ | 3 |
| MATH 1350 | Mathematics for Teachers I ¹ | 3 |
| Semester Credit Hours | | 6 |
| Semester #5 | | |
| Select from one of the following: ¹ | | |
| BIOL 1406 or BIOL 1408 or GEOL 1403 | Biology for Science Majors I ¹ or Biology for Non-Science Majors I or Physical Geology | 4 |
| EDUC 2301 | Introduction to Special Populations ¹ | 3 |
| Semester Credit Hours | | 7 |
| Semester #6 (Summer) | | |
| Select from one of the following: | | |
| HIST 1302 or HIST 1301 or HIST 2301 | U S History II ¹ or U S History I or Texas History | 3 |
| Semester Credit Hours | | 3 |

Semester #7

| | | |
|------------------------------|--|----------|
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) ¹ or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking ¹ | 3 |
| Semester Credit Hours | | 6 |

Semester #8

Select from one of the following:

| | | |
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| BIOL 1408 or BIOL 1406 or GEOL 1403 | Biology for Non-Science Majors I ¹ or Biology for Science Majors I or Physical Geology | 4 |
| PHED 1164 | Introduction to Physical Fitness and Wellness ¹ | 1 |
| Semester Credit Hours | | 5 |

Semester #9 (Summer)

| | | |
|------------------------------|---|----------|
| PSYC 2301 or SOCI 1301 | General Psychology ¹ or Introduction to Sociology | 3 |
| Semester Credit Hours | | 3 |

Semester #10

| | | |
|---------------------------|--|---|
| GOVT 2306 or GOVT 2305 | Texas Government (Texas Constitution & Topics) ¹ or Federal Government (Federal Constitution & Topics) | 3 |
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Select from one of the following:

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|---|--|----------|
| ARTS 1301 or ARTS 1303 or ARTS 1304 | Art Appreciation ¹ or Art History I or Art History II | 3 |
| Semester Credit Hours | | 6 |

Semester #11

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|------------------------------|--|----------|
| MATH 1351 | Mathematics for Teachers II ¹ | 3 |
| Elective: | Content Area Specific | 3 |
| Semester Credit Hours | | 6 |

Semester #12 (Summer)

Select from one of the following:

| | | |
|---|--|-----------|
| PHIL 1301 or HUMA 1301 or ENGL 2341 | Introduction to Philosophy ¹ or Introduction to the Humanities I or Forms of Literature | 3 |
| Semester Credit Hours | | 3 |
| Total Semester Credit Hours | | 60 |

¹ Course(s) listed in the Texas Common Course Numbering System (<https://tcns.org/institution/id:14/yid:19/>)

See an advisor to determine the most appropriate academic transfer coursework for your teaching field/choice of upper level university.

Transfer Information - Leading to Initial Texas Teacher Certification 4-8, EC-12 Special Education

Important Notes: The schools represented here are only a small sample of transfer options. Information is subject to change, and this suggested pathway is a guide, not a contract. Students should use this in consultation

with a COM advisor, COM catalog, Texas Pathways state-wide transfer guidelines, and advisor at the transfer institution.

- **University of Houston - Clear Lake (BS EC - 6 and Special Education, BS Core Subjects) (p. 3)**
- **University of Houston (Mathematics, Science, English Language Arts, Social Studies or English as Second Language) (p. 3)**
- **University of Houston - Downtown (BA EC - 12 & Core Subjects with Science of Teaching Reading, EC - 6 with Supplemental) (p. 4)**
- **Texas State University - San Marcos (Middle Level Education: Teacher Certification in Core Subjects 4-8) (p. 4)**
- **Texas A&M University (BS Middle Grades 4 - 8 Degree Plans Language Arts/Social Studies or Math/Science) (p. 5)**
- **University of Texas - Austin (EC - 6 ESL Generalist Certification) (p. 5)**

University of Houston - Clear Lake (BS EC - 6 and Special Education, BS Core Subjects)

| Course | Title | Semester Credit Hours |
|-----------------------------------|---|-----------------------|
| Semester #1 | | |
| PSYC 1300 or EDUC 1300 | Learning Framework or Learning Framework | 3 |
| ENGL 1301 | Composition I | 3 |
| MATH 1314 | College Algebra | 3 |
| HIST 1301 or HIST 1302 | U S History I or U S History II | 3 |
| EDUC 1301 | Introduction to the Teaching Profession | 3 |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II | 3 |
| HIST 1301 or HIST 1302 | U S History I or U S History II | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| GEOL 1403 | Physical Geology | |
| CHEM 1406 | Introductory Chemistry I | |
| MATH 1350 | Mathematics for Teachers I | 3 |
| EDUC 2301 | Introduction to Special Populations | 3 |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| GEOL 1403 | Physical Geology | |
| CHEM 1406 | Introductory Chemistry I | |
| PSYC 2301 or SOCI 1301 | General Psychology or Introduction to Sociology | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness | 1 |
| Semester Credit Hours | | 14 |

| Semester #4 | | |
|------------------------------------|---|-----------|
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| Select from one of the following: | | 3 |
| ARTS 1301 | Art Appreciation | |
| ARTS 1303 | Art History I | |
| ARTS 1304 | Art History II | |
| Select from one of the following: | | 3 |
| PHIL 1301 | Introduction to Philosophy | |
| HUMA 1301 | Introduction to the Humanities I | |
| ENGL 2341 | Forms of Literature | |
| MATH 1351 | Mathematics for Teachers II | 3 |
| Elective | UHCL Content Area Specific | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

University of Houston (Mathematics, Science, English Language Arts, Social Studies or English as Second Language)

| Course | Title | Semester Credit Hours |
|-----------------------------------|---|-----------------------|
| Semester #1 | | |
| PSYC 1300 or EDUC 1300 | Learning Framework or Learning Framework | 3 |
| ENGL 1301 | Composition I | 3 |
| MATH 1314 | College Algebra | 3 |
| HIST 1301 or HIST 1302 | U S History I or U S History II | 3 |
| EDUC 1301 | Introduction to the Teaching Profession | 3 |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II | 3 |
| HIST 1301 or HIST 1302 | U S History I or U S History II | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| CHEM 1406 | Introductory Chemistry I | |
| GEOL 1403 | Physical Geology | |
| MATH 1350 | Mathematics for Teachers I | 3 |
| EDUC 2301 | Introduction to Special Populations | 3 |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| CHEM 1406 | Introductory Chemistry I | |
| GEOL 1403 | Physical Geology | |

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| PSYC 2301 or SOCI 1301 | General Psychology or Introduction to Sociology | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness | 1 |
| Semester Credit Hours | | 14 |
| Semester #4 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| ARTS 1304 | Art History II | 3 |
| PHIL 1301 | Introduction to Philosophy | 3 |
| MATH 1351 | Mathematics for Teachers II | 3 |
| Elective | UH Content Area Specific | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

University of Houston - Downtown (BA EC - 12 & Core Subjects with Science of Teaching Reading, EC - 6 with Supplemental)

| Course | Title | Semester Credit Hours |
|-----------------------------------|---|-----------------------------|
| Semester #1 | | |
| PSYC 1300 or EDUC 1300 | Learning Framework or Learning Framework | 3 |
| ENGL 1301 | Composition I | 3 |
| MATH 1314 | College Algebra | 3 |
| HIST 1301 or HIST 1302 | U S History I or U S History II | 3 |
| EDUC 1301 | Introduction to the Teaching Profession | 3 |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II | 3 |
| HIST 1301 or HIST 1302 | U S History I or U S History II | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| CHEM 1406 | Introductory Chemistry I | |
| GEOL 1403 | Physical Geology | |
| MATH 1350 | Mathematics for Teachers I | 3 |
| EDUC 2301 | Introduction to Special Populations | 3 |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking or SPCH 1318 or Interpersonal Communication | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| CHEM 1406 | Introductory Chemistry I | |
| GEOL 1403 | Physical Geology | |

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|------------------------------------|---|-----------|
| PSYC 2301 or SOCI 1301 | General Psychology or Introduction to Sociology | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness | 1 |
| Semester Credit Hours | | 14 |
| Semester #4 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| ARTS 1301 or ARTS 1303 | Art Appreciation or Art History I | 3 |
| PHIL 1301 or HUMA 1301 | Introduction to Philosophy or Introduction to the Humanities I | 3 |
| MATH 1351 | Mathematics for Teachers II | 3 |
| Elective | UH-Downtown Content Area Specific | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

Texas State University - San Marcos (Middle Level Education: Teacher Certification in Core Subjects 4-8)

| Course | Title | Semester Credit Hours |
|-----------------------------------|---|-----------------------------|
| Semester #1 | | |
| PSYC 1300 or EDUC 1300 | Learning Framework or Learning Framework | 3 |
| ENGL 1301 | Composition I | 3 |
| MATH 1314 | College Algebra | 3 |
| HIST 1301 | U S History I | 3 |
| EDUC 1301 | Introduction to the Teaching Profession | 3 |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II | 3 |
| HIST 1302 | U S History II | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| GEOL 1403 | Physical Geology | |
| CHEM 1406 | Introductory Chemistry I | |
| MATH 1350 | Mathematics for Teachers I | 3 |
| EDUC 2301 | Introduction to Special Populations | 3 |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 or SPCH 1318 | Public Speaking or Interpersonal Communication | 3 |
| Select from one of the following: | | 4 |
| BIOL 1408 | Biology for Non-Science Majors I | |
| GEOL 1403 | Physical Geology | |
| CHEM 1406 | Introductory Chemistry I | |

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|------------------------------------|---|-----------|
| PSYC 2301 or SOCI 1301 | General Psychology or Introduction to Sociology | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness | 1 |
| Semester Credit Hours | | 14 |
| Semester #4 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| ARTS 1303 or ARTS 1304 | Art History I or Art History II | 3 |
| PHIL 1301 | Introduction to Philosophy | 3 |
| MATH 1351 | Mathematics for Teachers II | 3 |
| Elective | Texas State Content Area Specific | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

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|------------------------------------|---|-----------|
| PSYC 2301 or SOCI 1301 | General Psychology or Introduction to Sociology | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness | 1 |
| Semester Credit Hours | | 14 |
| Semester #4 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| ARTS 1303 or ARTS 1304 | Art History I or Art History II | 3 |
| PHIL 1301 | Introduction to Philosophy | 3 |
| MATH 1351 | Mathematics for Teachers II | 3 |
| Elective | Texas A&M Content Area Specific | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

Texas A&M University (BS Middle Grades 4 - 8 Degree Plans Language Arts/Social Studies or Math/Science)

| Course | Title | Semester Credit Hours |
|-----------------------------------|---|-----------------------------|
| Semester #1 | | |
| PSYC 1300 or EDUC 1300 | Learning Framework or Learning Framework | 3 |
| ENGL 1301 | Composition I | 3 |
| MATH 1314 | College Algebra | 3 |
| Select from one of the following: | | 3 |
| HIST 1301 | U S History I | |
| HIST 1302 | U S History II | |
| HIST 2301 | Texas History | |
| EDUC 1301 | Introduction to the Teaching Profession | 3 |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II | 3 |
| Select from one of the following: | | 3 |
| HIST 1301 | U S History I | |
| HIST 1302 | U S History II | |
| HIST 2301 | Texas History | |
| GEOL 1403 or CHEM 1406 | Physical Geology or Introductory Chemistry I | 4 |
| MATH 1350 | Mathematics for Teachers I | 3 |
| EDUC 2301 | Introduction to Special Populations | 3 |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking | 3 |
| GEOL 1403 or CHEM 1406 | Physical Geology or Introductory Chemistry I | 4 |

University of Texas - Austin (EC - 6 ESL Generalist Certification)

| Course | Title | Semester Credit Hours |
|---|---|-----------------------------|
| Semester #1 | | |
| PSYC 1300 or EDUC 1300 | Learning Framework or Learning Framework | 3 |
| ENGL 1301 | Composition I | 3 |
| MATH 1314 | College Algebra | 3 |
| Select from one of the following: | | 3 |
| HIST 1301 | U S History I | |
| HIST 1302 | U S History II | |
| HIST 2301 | Texas History | |
| EDUC 1301 | Introduction to the Teaching Profession | 3 |
| Semester Credit Hours | | 15 |
| Semester #2 | | |
| ENGL 1302 | Composition II | 3 |
| Select from one of the following: | | 3 |
| HIST 1301 | U S History I | |
| HIST 1302 | U S History II | |
| HIST 2301 | Texas History | |
| Life and Physical Sciences (p. 6) | Select from Core Curriculum Sciences | 4 |
| MATH 1350 | Mathematics for Teachers I | 3 |
| EDUC 2301 | Introduction to Special Populations | 3 |
| Semester Credit Hours | | 16 |
| Semester #3 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| SPCH 1315 | Public Speaking | 3 |
| Life and Physical Sciences (p. 6) | Select from Core Curriculum Sciences | 4 |

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|---|--|-----------|
| Social/Behavioral Sciences (p. 6) | Select from Core Curriculum | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness | 1 |
| Semester Credit Hours | | 14 |
| Semester #4 | | |
| GOVT 2305 or GOVT 2306 | Federal Government (Federal Constitution & Topics) or Texas Government (Texas Constitution & Topics) | 3 |
| Creative Arts (p. 6) | Select from Core Curriculum | 3 |
| Language, Philosophy and Culture (p. 6) | Select from Core Curriculum | 3 |
| MATH 1351 | Mathematics for Teachers II | 3 |
| TECA 1354 | Child Growth and Development (or Elective - UT Content Area Specific) | 3 |
| Semester Credit Hours | | 15 |
| Total Semester Credit Hours | | 60 |

Creative Arts 1 course from 3
the following list:
ARTS 1301, ARTS 1303,
ARTS 1304, ARTS 1313;
DRAM 1310,
DRAM 2366;
MUSI 1306, MUSI 1307,
MUSI 1310

Social/Behavioral Sciences 1 course from 3
the following list:
ECON 2301,
ECON 2302;
PSYC 2301, PSYC 2314;
SOCI 1301, SOCI 1306

Note: GEOL 1405 and ENVR 1401 are equivalent; PHYS 1403 and ASTR 1403 are equivalent; PHYS 1404 and ASTR 1404 are equivalent.

Core Curriculum

| Core Component | Course Selection | Minimum Hours Required |
|-----------------------------------|---|------------------------|
| Life and Physical Sciences | 2 courses from the following list: ASTR 1403 ² , ASTR 1404 ² , BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402; CHEM 1405, CHEM 1406, CHEM 1411, CHEM 1412, ENVR 1401 ² , GEOL 1403, GEOL 1404, GEOL 1445, GEOL 1447; PHYS 1401, PHYS 1402, PHYS 1410, PHYS 2425, PHYS 2426 | 8 |
| Language, Philosophy, and Culture | 1 course from the following list: ENGL 2322, ENGL 2323, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, ENGL 2341, ENGL 2351; HUMA 1301, HUMA 1302; PHIL 1301, PHIL 1304, PHIL 2306; SPAN 2311, SPAN 2312 | 3 |