



Associate in Science Transfer Degree Track I in Biology, Environmental Resource/Sciences, Chemistry, Geology, and Earth Science encompasses some general education courses required of first- and second-year students and is intended to prepare students planning to transfer to a university in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but also with major/program preparation.

To earn this degree, students must complete 90-quarter credits in courses numbered 100 or above (from approved distribution list below) and meet specific distribution requirements. No more than 25 percent of credit requirements may be taken on a pass/no credit basis. Students should be aware that courses with “Pass” grades may not satisfy the requirements in their major field. Students must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits at Green River College.

Students are responsible for knowing transfer requirements and policies, as well as specific course choices and GPA requirements, and are urged to consult the catalog of the institution for which they plan to transfer.

I. BASIC SKILLS (20 credits)

Any course used to satisfy Basic Skills distribution may not be used to satisfy any other portion of the Associate in Science-Transfer Option I degree requirements.

A. Communication Skills (5 credits)

Courses in this area support the written communication learning outcome.

English &101

*After consultation with a Science advisor, five additional credits are recommended from the following: **English** 126 **or** 127 **or** 128*

B. Quantitative Skills/Symbolic Reasoning (15 credits)

Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics &151, &152 and (&153 or 256)

2. HUMANITIES and SOCIAL SCIENCE (15 credits)

Select 15 credits from the Humanities and Social Science with at least five (5) credits taken from each and from three separate areas.

A. Humanities -- *A minimum of 5 credits from the following. No more than 5 credits in foreign language at the 100-level. No more than 5 credits in performance or skills courses (**all courses in bold type**) may be applied to the Humanities distribution.*

Art &100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 119, 120, 130, 133, 135, 212, 213, 214, 219, 251, 252, 253, 255, 256, 257**

Chinese 111, &121, &122, &123

Communication Studies &102, &210, &220, 212, 213, 215, &230, 238, 245, 265, 266

Dance **101, 102, 103, 110, 204**

Drama &101, 102, **111, 151, 152, 153, 154, 157, 158**

English &112, &113, &114, 115, 160, 161, 163, 164, 165, 168, 180, 181, 183, 185, 187, 190, &220, &226, &227, &228, &236, &237, &244, &245, &246, 247, 248, 249, 250, 251, &254, &255, &256, 257. 264

Film 120, 121, 122, 191

French &121, &122, &123, &221, &222, &223

German &121, &122, &123

Humanities 100, 110, 133, 142, 146, 160, 186, 190, 191, 200, 224

Japanese &121, &122, &123, &221, &222, &223

Journalism 101, 107, 150, 151, 152, 254

Music 101, 103, 104, &105, 107, 108, 109, 110, **118, 119, 120, &121, &122, &123, 124, 125, 127, 128, 129, &131, &132, &133, 140, 141, 142, 150, 151, 152, 218, 219, 220, &221, &222, 227, 228, 229, &231, &232, 250, 251, 252**

Philosophy &101, 102, 103, 104, 105, 108, 110, 111, 112, 114, &115, 160, 200, 206, 210, 220, 236, 238, 240, 243

Photography **101, 102, 103, 111**

Spanish 110, &121, &122, &123, &221, &222, &223, 272



Biology, Environmental Resource/Sciences, Chemistry, Geology and Earth Science, Associate in Science Transfer Degree—Track I (AST-Track I)

Summer 2017

Minimum of 90 Credits

B. **Social Science** -- A minimum 5 credits from the following:

American Minority and Ethnic Studies 100, 103, 105, 150, 211
Anthropology &100, &104, 108, &204, &205, &206, &207, &210, 211, &216, 220, &234, &235, &236, 273
Business Management &101, 181, &201
Criminal Justice &101, &105, &110, &240
Economics 100, 101, &201, &202
Geography &100, 120, 123, 190, &200, 201, 205, 210
History 101, 102, 103, 120, 122, 135, &136, &137, &214, &215, 220, 224, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science &101, &200, &202, &203, &204, 207, 209, 220
Psychology &100, &180, &200, 201, 209, &220, 225, 240, 250
Social Science 160, 211
Sociology &101, &201, 202, 205, 214, 215, 220, 230, 240, 245, 260, 271

3. **SPECIFIC REQUIREMENTS** (50 credits)

Class selection depends on the student's area of study. It is strongly suggested that students beginning their science sequence complete it at the originating college. After consultation with a Science advisor, a total of 50 credits are required from the following:

A. **Chemistry** &161, &162, **and** &163 (18 credits)
(Chemistry &261, &262, **and** &263 may be substituted with prior consultation with a Science/Engineering advisor.)

B. **Select 15-18 credits** (to be taken in sequence order)

Biology &211, &212 **and** &213 **or**
Physics &114, &115 **and** &116 **or**
Physics &221, &222 **and** &223

C. **Natural Science** -- Select 14-17 credits from the following after consultation with a Science advisor.

Anatomy-Physiology 210
Biology &160, &211, &212, &213, &241, &242, &260
Chemistry &161, &162, &163, &261, &262, &263
Engineering 106, &214, &224
Environmental Science 204
Geology &101, 107, 117, 206
Mathematics 106, &141, &142, &153, 238, 240, &254, 256
Oceanography 101
Philosophy &120, 215
Physics &114, &115, &116, 154, 155, 156, &221, &222, &223, 225, 229

4. **LIFETIME FITNESS/WELLNESS** (2-3 credits)
Select one course from the following:

Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

5. **ELECTIVES** (2-3 credits)

A. All courses numbered 100 or higher, with the exception of Basic Skills and Physical Education may be taken as electives.

B. **English** 126 **or** 127 **or** 128 may be used.

TRANSFERABILITY OF CREDITS

Green River College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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Biology, Environmental/Resource Sciences, Chemistry, Geology and Earth Science

Associate in Science Transfer Degree-Track 1 (AST-Track 1)

Minimum of 90 Credits

Planning Guide (999A)

1. BASIC SKILLS (20 credits) A. ENGL& 101 _____ (5) <i>ENGL 126 or 127 or 128 (optional)</i> B. MATH& 151 _____ (5) MATH& 152 _____ (5) MATH& 153 <i>or</i> 256 _____ (5)	3. SPECIFIC REQUIREMENTS (50 credits) A. <i>Select 18 credits</i> CHEM& 161 _____ (6) CHEM& 162 _____ (6) CHEM& 163 _____ (6) <i>(CHEM& 261 & 262 and & 263 may be substituted)</i> B. <i>Select 15-18 credits to be taken in sequence order from the following:</i> BIOL& 211 _____ (6) BIOL& 212 _____ (6) BIOL& 213 _____ (6) OR PHYS& 114 _____ (5) PHYS& 115 _____ (5) PHYS& 116 _____ (5) OR PHYS& 221 _____ (5) PHYS& 222 _____ (5) PHYS& 223 _____ (5)	C. Natural Science (14-17 credits) _____ _____ _____ _____ 4. LIFETIME FITNESS/WELLNESS (2-3 credits) P E 101, 102, 103, 111, 131, 149, 160, 165 <i>or</i> 169 _____ _____ 5. ELECTIVES (2-3 credits) <i>(ENGL 126 or 127 or 128 may be used)</i> _____ _____
2. HUMANITIES and SOCIAL SCIENCE <i>(15 credits) With at least 5 credits from each. Three separate areas</i> A. Humanities (5 credits) _____ (5) B. Social Science (5 credits) _____ (5) C. Humanities or Social Science (5 credits) _____ (5)		

SUMMER		FALL		WINTER		SPRING	
COURSE	Credits	COURSE	Credits	COURSE	Credits	COURSE	Credits
Total Credits		Total Credits		Total Credits		Total Credits	
SUMMER		FALL		WINTER		SPRING	
COURSE	Credits	COURSE	Credits	COURSE	Credits	COURSE	Credits
Total Credits		Total Credits		Total Credits		Total Credits	
SUMMER		FALL		WINTER		SPRING	
COURSE	Credits	COURSE	Credits	COURSE	Credits	COURSE	Credits
Total Credits		Total Credits		Total Credits		Total Credits	

- NOTES:**
- Students must maintain a minimum overall GPA of 2.0. This minimum may not meet the entrance requirements at a four-year college.
 - Some majors at a four-year college have special requirements. It is the student's responsibility to know these. Consult an Educational Planner or your Faculty Advisor for assistance in identifying or researching specific major requirements.

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