

Associate in Engineering, Engineering Technology, Computer Science, Physics, or Atmospheric Sciences
Associate in Science Transfer Degree - Option 2 (AST-2) – Minimum of 90 Credits

This Associate in Science Transfer degree Option 2 encompasses 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 gives 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 universities with junior standing, not only in credits but also with major/program preparation.

To earn this degree, students must complete a minimum of 90-quarter credits in courses numbered 100 or higher (from approved distribution list below) and meet specific distribution requirements. No more than 20 credits 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 GPA of 2.0, and earn a minimum of 24 credits, including the last quarter, in residence at Green River Community College. Students should include some 200-level classes in their course of study. Students are responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution to which they plan to transfer.

1. BASIC SKILLS (20 credits)

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 **and** & 152 **and** & 153 **or** 256

2. HUMANITIES/FINE ARTS/ENGLISH AND SOCIAL SCIENCE (15 credits)

Select 15 credits of humanities/fine arts/English and social science with at least five credits taken from each. Three different subjects required.

A. Humanities/Fine Arts/English:

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/Fine Arts/English distribution.

Art & 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 119, 120, 122, 130, 212, 213, 214, 219, 251, 252, 253, 255, 256, 257**
Chinese 111, & 121, & 122, & 123
Communication Studies & 102, & 210, & 220, 212, 215, & 230, 238, 245
Dance 101, 102, 103, 110, 204
Drama & 101, **111, 112, 113, 120, 121, 141, 151, 152, 153**
English & 112, & 113, & 114, 115, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, & 220, & 226, & 227, & 228, & 236, & 237, 239, & 244, & 245, & 246, 247, 248, & 254, & 255, & 256, 257
French & 121, & 122, & 123, & 221
German & 121, & 122, & 123
Humanities 100, 110, 133, 142, 160, 186, 190, 191, 224, 272
Japanese & 121, & 122, & 123
Journalism 101, 150, 151, 152, 254
Music 101, 103, 104, & 105, 107, 108, 109, 110, **118, 119, 120, & 121, & 122, & 123, 124, 127, 128, 129, 130.1, 130.2, 130.3, & 131, & 132, & 133, 140, 141, 142, 218, 219, 220, & 221, & 222, 227, 228, 229, 230.1, 230.2, 230.3, & 231, & 232**

Philosophy & 101, 102, 103, 104, 105, 110, 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

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

American Minority and Ethnic Studies 100, 211
Anthropology & 100, & 205, & 206, & 207, & 210, 211, & 216, & 234, & 235, & 236, 273
Business Management & 101, & 201
Criminal Justice & 101, & 105, & 110, & 240
Economics 100, 101, & 201, & 202
Geography 100, 108, 120, 123, 190, 200, 205
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
Psychology & 100, & 180, & 200, 201, 209, & 220, 225
Social Science 160, 211
Sociology & 101, & 201, 215, 220, 230, 240, 245, 260

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, 50 credits are required from the following list:

A. Physics 201, 202 **and** 203 (15 credits)

(**Physics** 110, 111, **and** 112 may be substituted with prior consultation with a science/engineering advisor.)

B. Select 6 credits to be taken from the following:

Chemistry & 161, & 162, & 163, & 261, & 262, & 263

C. Select 5 credits from the following:

Computer Science & 131, 132, & 141, 145

D. Natural Science: Select

24 credits from the following list after consultation with a science/engineering advisor.

Anatomy/Physiology 210

Biology & 211, & 212, & 213, & 241, & 242, & 260

Chemistry & 161, & 162, & 163, & 261, & 262, & 263

Computer Science & 131, 132, & 141, 145

Engineering 106, 140, & 214, & 215, & 224, & 225

Environmental Science 204
Geology & 101, 206

Mathematics 106, & 141, & 142, & 153, 238, 240, & 254, 256

Philosophy & 106, 215

Physics 110, 111, 112, 150, 151, 152, 201, 202, 203, 208, 225

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)

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

English 126, 127 or 128 may be used.

6. TRANSFERABILITY OF CREDITS

Green River Community 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.

To receive this information in an alternative format, please contact Disability Support Services at: DSS@greenriver.edu, (253) 833-9111, ext. 2631 or TTY at (253) 288-3359. LC-272.

Associate in Engineering, Engineering Technology, Computer Science, Physics, or Atmospheric Sciences
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1. GENERAL REQUIREMENTS (20 credits)

- A. Engl&101 _____
 Engl 126, 127, or 128 (optional)
- B. Math& 151 _____
 Math& 152 _____
 Math& 153 or Math 256 _____

2. HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE (15 credits)

With at least 5 credits from each; three separate areas:

3. SPECIFIC REQUIREMENTS (50 credits)

- A. 15 credits
 Phys 201 _____
 Phys 202 _____
 Phys 203 _____
 (Phys 110, 111 and 112 may be substituted)

- B. 6 credits
 Chem &161, &162, &163, &261, &262 or &263

- C. 5 credits
 CS &131, 132, &141 or 145 _____

D. Natural Science (24 credits)

4. LIFETIME FITNESS/WELLNESS (2-3 credits)

P E 101, 102, 103, 111, 131, 149, 160, 165 or 169 _____

5. ELECTIVES (2-3 credits)

(Engl 126, 127, or 128 may be used)

** You must maintain a minimum overall GPA of 2.0. This minimum may not meet the entrance requirements at four-year colleges.

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	

** Please note that some majors at four-year colleges have special requirements. It is your responsibility to know these. Consult an Educational Planner or your Faculty Advisor for assistance in identifying or researching specific major requirements.