Associate in Chemistry Education
Associate in Science Transfer Degree – Option 1 (AST-1)
Minimum of 101-102 Credits (8/1/2012)

The Associate in Science Transfer degree Option 1 in Chemistry Education is recommended for future secondary chemistry teachers. The degree 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 101-102 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, 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 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.

1. BASIC SKILLS (15 credits)
   A. Communication Skills: (5 credits)
      Courses in this area support the written communication learning outcome.
      English &101
   B. Quantitative Skills/Symbolic Reasoning: (10 credits)
      Courses in this area support the quantitative and symbolic reasoning learning outcome.
      Mathematics &151 and &152

2. HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE (15 credits)
   A. Communication Studies &220
   B. Psychology &100
   C. A minimum of 5 credits from the following:
      American Minority and Ethnic Studies 100
      Anthropology &206

3. SPECIFIC PRE-MAJOR REQUIREMENTS (56 credits)
   It is strongly suggested that students beginning their science sequence complete it at the originating college.
   A. Chemistry (&161, &162 and &163) and (&261, &262 and &263) (36 credits)
   B. Physics: the sequence is &114, &115 and &116 or
      Physics: the sequence is 154, 155 and 156 or
      Physics: the sequence is &221, &222 and &223 (15 credits)
   C. Mathematics &153 or 256 (5 credits)

4. ADDITIONAL COURSES (15-16 credits)
   A. Education &205 (5 credits)
   B. English 126, 127 or 128 (5 credits)
   C. Health Education 190 (3 credits)
   D. Physical Education 101, 102, 103, 111, 131, 149, 160, 165 or 169 (2-3 credits)

5. 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.
**Planning Guide**

1. **BASIC SKILLS** (15 credits)
   - Engl& 101 (5)
   - Math& 151 (5)
   - Math& 152 (5)

2. **HUMANITIES/FINE ARTS/ENGLISH** and **SOCIAL SCIENCE** (15 credits)
   - Cmst& 220 (5)
   - Psyc& 100 (5)
   - Ames 100 or Anth& 206 (5)

3. **SPECIFIC REQUIREMENTS** (56 credits)
   - A. Chem& 161 (6)
   - Chem& 162 (6)
   - Chem& 163 (6)
   - Chem& 261 (6)
   - Chem& 262 (6)
   - Chem& 263 (6)
   - B. Phys& 114 (5)
   - Phys& 115 (5)
   - Phys& 116 (5)
   - Phys 154 (5)
   - Phys 155 (5)
   - Phys 156 (5)

4. **ADDITIONAL COURSES** (15-16 credits)
   - A. Educ& 205 (5)
   - B. Engl 126 or 127 or 128 (5)
   - C. Hl Ed 190 (3)
   - D. P E 101, 102, 103, 111, 113, 149, 160, 165 or 169 (2-3)

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**Notes:**
1. Students must maintain a minimum overall GPA of 2.0. This minimum may not meet the entrance requirements at four-year college.
2. Some majors at four-year college have special requirements. It is the students’ responsibility to know these. Consult an Educational Planner or Faculty advisor for assistance in identifying or researching specific major requirements.
3. To receive this information in an alternative format, contact Disability Support Services at dss@greenriver.edu, (253) 833-9111, ext. 2631 or TTY (253) 288-3359, LC-272.