The Associate in Science Transfer degree Option 1 in Chemistry Education 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 rather 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 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 GPA of 2.0 on all college-level courses 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 to 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)
   B. Physics: The sequence is 110, 111, and 112 or
      Physics: The sequence is 150, 151, and 152 or
      Physics: The sequence is 201, 202, and 203
   C. Mathematics &153 or &256

4. ADDITIONAL COURSES (15-16 credits)
   A. Education &205
   B. English 126, 127 or 128
   C. Health Education T90
   D. Physical Education 101, 102, 103, 111, 131, 149, 160, 165, or 169

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.

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 Chemistry Education

**Associate in Science Transfer Degree - Option 1 (AST-1) Planning Guide – 101-102 Credits**

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

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

### 3. SPECIFIC PRE-MAJOR (56 credits)
- A. Chem& 161
- Chem& 162
- Chem& 163
- Chem& 261
- Chem& 262
- Chem& 263
- B. Phys 110
  - Phys 111
  - Phys 112
  - Phys 150 or Phys 151
  - Phys 152
  - Phys 150
  - Phys 201
  - Phys 202
  - Phys 203
- C. Math& 153 or 256

### 4. ADDITIONAL COURSES (15-16 credits)
- A. Educ& 205
- B. Engl 126, 127, or 128
- C. Hi Ed 190
- D. P E 101, 102, 103, 111, 131, 149, 160, 165 or 169

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

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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.