

**Transfer Curriculum  
Chemistry**

**Individuals who complete the courses listed below earn the Associate of Science degree at Danville Area Community College, will have met the senior institution's lower division general education requirements, and will be admitted as juniors.**

<b>Required Courses</b>	<b>Hours</b>
<b>First Semester</b>	
CHEM 101 College Chemistry I	4
ENGL 101 Rhetoric & Composition I	3
SPCH 101 Oral Communications – OR – SPCH 102 Public Speaking	3
MATH 120 Calculus & Analytic Geometry I	5
Social Science Elective	3
INST 101 Success in College	1
<b>Total</b>	<b>19</b>
<b>Second Semester</b>	
CHEM 102 College Chemistry II	4
MATH 130 Calculus & Analytic Geometry II	5
ENGL 102 Rhetoric & Composition II	3
PHYS 106 General Physics (Mechanics)	4
<b>Total</b>	<b>16</b>
<b>Third Semester</b>	
PHYS 107 General Physics: Heat, Electricity	4
BIOL 150 Botany – OR – BIOL 104 Zoology	4
CHEM 133 Organic Chemistry	5
MATH 140 Calculus III	3
<b>Total</b>	<b>16</b>
<b>Fourth Semester</b>	
MATH 137 Linear Algebra	4
PHYS 108 General Physics: Wave, Motion	4
Humanities/Fine Arts Elective	3
Humanities Elective	3
Social Science Elective	3
<b>Total</b>	<b>17</b>
<b>TOTAL FOR COMPLETION</b>	<b>68</b>

**Transfer Admission Requirements:**

1. 2.0 GPA (4.0 scale).

**Notes:**

1. Optional curriculum specializations:
  - Biochemistry
  - Business
  - Environmental Chemistry
  - Forensic Chemistry
  - American Chemical Society Certification
2. Knowledge of computer programming is recommended for all majors in Chemistry.
3. DACC recommends a three-hour course in Third World or Non-Western culture, either in Humanities or Social Science.
4. Effective Fall 1992, new students or re-entering students absent more than two years and seeking an A.S.A. degree are required to take at least one course with human relations content. See your counselor for a list of courses that fulfill this requirement.
5. A chemistry major is encouraged to obtain a minor in another program, such as physics, mathematics, microbiology or geology. Having such versatility can expand your career options.
6. For further information, contact:

Undergraduate Advisor  
Dept. of Chemistry & Biochemistry  
Mail Stop 4409  
Southern Illinois University  
Carbondale, IL 62901-4409  
Phone: 618-453-5721  
Fax: 618-453-4408  
Email: [chemistry@chem.siu.edu](mailto:chemistry@chem.siu.edu)

**PROGRAM AND CURRICULUM REQUIREMENTS ARE SUBJECT TO CHANGE.  
SEE A DACC COUNSELOR OR ACADEMIC ADVISOR FOR UPDATED INFORMATION  
PRIOR TO REGISTRATION EACH SEMESTER.**