

Chemistry Transfer Major - AS

The Chemistry Transfer Major at SCC provides a well-rounded two year program for students who plan to continue their education as a chemistry major at a four year college or university. This 61 semester-hour program includes those chemistry courses typically taken during the first two years of college (General Chemistry I & II and Organic Chemistry I & II) along with the necessary math courses (Calculus I & II) and physics courses (Classical Physics I & II). All of the science courses have a lab component. Other courses for the Chemistry Transfer Program have been selected to both satisfy the requirements for the Associate of Science Degree and to provide the student with educational experiences that meet all of the SCC core competencies in 1) communication, 2) critical thinking, 3) cultural awareness, 4) civic awareness, and 5) quantitative and scientific reasoning.

The following courses are required for the Chemistry Transfer Major: CHM-165, CHM-175, CHM-263, CHM-273, MAT-210, MAT-216, PHY-212, PHY-222, SDV-108, ENG-105, and ENG-106. The other courses are suggested and may be substituted; please consult with a Student Success Advocate.

Instructor and Staff

Alisa Winsauer
Instructor
(319) 208-5000 ext. 5192
awinsauer@scciowa.edu
BS, Michigan Technological University
MS, North Dakota State University

Southeastern Community College values diversity in all its forms. Please visit <https://www.scciowa.edu/non-discrimination-statement.aspx> to view our non-discrimination statement.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at <http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx>

West Burlington and Keokuk Campuses

Program Requirements

| | Credit |
|-----------------------------------|--------|
| Fall Semester I | |
| ENG-105 Composition I | 3 |
| CHM-165 General Chemistry I | 4 |
| MAT-210 Calculus I | 4 |
| SDV-108 The College Experience | 1 |
| SOC-110 Introduction to Sociology | 3 |
| Semester Total..... | 15 |

| | Credit |
|------------------------------|--------|
| Spring Semester I | |
| ENG-106 Composition II | 3 |
| CHM-175 General Chemistry II | 4 |
| SPC-112 Public Speaking | 3 |
| MAT-216 Calculus II | 4 |
| Semester Total..... | 14 |

| | Credit |
|------------------------------------|--------|
| Fall Semester II | |
| PHY-212 Classical Physics I | 5 |
| HIS-151 US History to 1877 | 3 |
| CHM-263 Organic Chemistry I | 5 |
| PSY-111 Introduction to Psychology | 3 |
| Semester Total..... | 16 |

| | Credit |
|------------------------------------|--------|
| Spring Semester II | |
| PHI-105 Introduction to Ethics | 3 |
| CHM-273 Organic Chemistry II | 5 |
| PHY-222 Classical Physics II | 5 |
| HUM-114 Multicultural Perspectives | 3 |
| Semester Total..... | 16 |

| | |
|--------------------|----|
| Program Total..... | 61 |
|--------------------|----|