

Chemistry

THE PROGRAM

The Chemistry program at Kishwaukee College prepares students interested in pursuing a degree in Chemistry or a pre-professional life-science program at a four-year college or university. The program consists of the core courses in Chemistry and the physics and mathematics course sequences traditionally required in most bachelor's degree programs. In addition, by completing the requirements for the Associate in Science degree at Kishwaukee College, students entering a four-year public university in Illinois will have fulfilled the General Education requirements at that institution.

A complete listing of all Associate in Science degree requirements is available in the Kishwaukee College catalog. Students planning to transfer are recommended to check with the four-year institution to which they plan to transfer for course transferability and school requirements. Students are advised to meet with a faculty advisor/counselor to review credit transfers.

CAREER OPPORTUNITIES

With an A.S. in Chemistry, students are well-prepared to transfer to a four-year institution to continue their education in Chemistry or other pre-professional life-science programs such as pre-med or pre-pharmacy.

In addition to fulfilling the general education requirement for an A.S. Degree, the following courses are recommended for an emphasis in Chemistry.

Chemistry Core Courses

CHE 210	General Chemistry I	(5)
CHE 211	General Chemistry II	(5)
CHE 270	Organic Chemistry I	(3)
CHE 271	Organic Chemistry II	(3)
CHE 272	Organic Chemistry Lab I	(2)
CHE 273	Organic Chemistry Lab II	(2)

Not all courses may be required for all specialization areas. Additional courses may be required for certain specialization areas. Check with the transfer institution for specific program requirements.

Science

PHY 250	General Physics I and	(4)
PHY 251	General Physics II OR	(4)
PHY 263	Fundamentals of Physics I AND	(5)
PHY 273	Fundamentals of Physics II	(5)

Additional courses may be required for certain specialization areas. Check with the transfer institution for specific program requirements.

Mathematics

MAT 229	Calculus and Analytic Geometry I	(5)
MAT 230	Calculus and Analytic Geometry II	(5)
MAT 231	Calculus and Analytic Geometry III	(5)
MAT 260	Differential Equations	(3)

Other general education or major courses specific to the transfer institution.

Additional Sources of Information:

DEPARTMENT

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STUDENT SERVICES

Advising
 815-825-9375