

CHEMISTRY

(AS.CHEM) ASSOCIATE IN SCIENCE DEGREE

This is a sample of major requirements. Upon completion of this course sequence, chemistry students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

Consult a counselor or academic advisor before registering. University requirements vary by institution.

Specific graduation requirements are identified through degree audit. Additional developmental courses in math, reading and English may be required based on placement scores.

FIRST YEAR

First Semester		Hours
CHM-150	General Chemistry I *	4.0
MAT-241	Analytical Geom-Calc I *	5.0
ENG-120	Composition I *	3.0
	Humanities and Fine Arts (IAI H)	3.0
-- ---	Social/Behavioral Science (IAI S)	3.0
SEMESTER TOTALS		18.0

Second Semester

CHM-151	General Chemistry II *	4.0
MAT-242	Analytical Geom-Calc II *	4.0
ENG-121	Composition II *	3.0
PHY-140	University Physics I * +++	4.0
	Social/Behavioral Science (IAI S)	3.0
SEMESTER TOTALS		18.0

SECOND YEAR

First Semester		Hours
CHM-243	Organic Chemistry I * +	4.0
CHM-253	Organic Chemistry Lab I * +	1.0
PHY-141	University Physics II * +	4.0
SPE-111	Intro to Speech Communication	3.0
BIO-100	Bio Science I	4.0
SEMESTER TOTALS		16.0

Second Semester

CHM-244	Organic Chemistry II * +++	4.0
CHM-254	Organic Chemistry Lab II * +++	1.0
MAT-243	Analytical Geom-Calc III * +++	4.0
PHY-142	University Physics III * +++	4.0
	Humanities and Fine Arts (IAI F)	3.0
SEMESTER TOTALS		16.0

TOTAL PROGRAM HOURS 68.00

See the General Education section at the beginning of this chapter for general education requirements and course listings.

- * There are prerequisites, course requisites, or minimum placement test scores for this course.
- ** Electives must be approved by the Program Coordinator
- + Course only offered fall semester
- ++ Course only offered spring and summer semester
- +++ Course only offered spring semester
- ++++ Course offered in summer term only
- ^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective
- ^^ Consult Academic Advisor for appropriate course
- ^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours
- ^^^ ECE 120 and ECE 125 must be taken the same semester