

Chemistry

The chemistry minor undertakes to stimulate the acquisition of knowledge necessary to understand theories and principles governing the behavior of matter. Concepts, laboratory techniques, and skills in evaluating and reporting data are equally emphasized in introducing students to the scientific discipline; in preparing students for pre-professional programs such as pre-medicine, pre-dentistry, pre-veterinary science; and students in the medical laboratory science major with foundation coursework.

Major

The Chemistry minor is a valuable addition to many majors offered at Mount Mercy including Biology (<http://catalog.mtmercy.edu/archives/2014-15/curriculum/biology>) .

Minor

(30.5-31.5 hours with a minimum of 27.5 semester hours in chemistry courses):

CH 111	General Chemistry I	4.5
CH 112	General Chemistry II	4.5
CH 211	Organic Chemistry I	4.5
CH 212	Organic Chemistry II	4.5
CH 251	Analytical Chemistry	5
Select one of the following:		4.5
CH 302	Biochemistry	
CH 334	Instrumental Analysis	
Select one of the following:		3
MA 139	Pre-Calculus	
MA 142	Mathematics Modeling	
MA 164	Calculus I	
Total Hours		30.5

Academic Requirements

A grade of C or above (C- does not count) in each required course for the minor. To count toward the minor, required chemistry courses must have been taken within the last five (5) years. Alternatively a student may elect to take standard examinations for specific courses provided by the ACS Division of Chemical Education and pass with a minimum 60% of the total score.

Students planning to pursue teacher education should follow the program guidelines within the Education section (<http://catalog.mtmercy.edu/archives/2014-15/curriculum/education>) of this *Catalog* and contact an advisor in the education division for assistance.