



Eureka College

## MAJOR IN CHEMISTRY

2016-2017 CATALOG

**REQUIREMENTS FOR A MAJOR IN CHEMISTRY:** a minimum of 33 hours of coursework, plus 16 hours of required supporting courses, consisting of the following:

*All of the following:*

_____	CHM131 – General Chemistry I	4 hrs.
_____	CHM132 – General Chemistry II	4 hrs.
_____	CHM220 – Organic Chemistry I	4 hrs.
_____	CHM221 – Organic Chemistry II	4 hrs.
_____	CHM250 – Quantitative Analysis	4 hrs.
_____	CHM335W – Thermodynamics and Kinetics <sup>(Alt 2)</sup>	4 hrs.
_____	CHM336 – Quantum Chemistry and Spectroscopy <sup>(Alt 2)</sup>	3 hrs.

*Plus two of the following:*

_____	CHM310 – Medicinal Chemistry <sup>(Alt ?)</sup>	3 hrs.
_____	CHM321 – Biochemistry I <sup>(Alt 2)</sup>	3 hrs.
_____	CHM345 – Instrument Analysis <sup>(Alt 2)</sup>	4 hrs.
_____	CHM440 – Inorganic Chemistry <sup>(Alt 2)</sup>	3 hrs.

*Plus the following required supporting courses:*

_____	MAT171 – Calculus with Analytic Geometry I	4 hrs.
_____	MAT271 – Calculus with Analytical Geometry II	4 hrs.
_____	PHY220 – General Physics I: Mechanics/Waves/Optics	4 hrs.
_____	PHY230 – General Physics II: Electricity/Magnetism	4 hrs.