



Eureka College

MAJOR IN CHEMISTRY

2017-2018 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 ^(Alt 2)	4 hrs.
_____	CHM336 – Quantum Chemistry and Spectroscopy ^(Alt 2)	3 hrs.

Plus two of the following:

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