

BAKER UNIVERSITY MAJOR CHECKLIST

CHEMISTRY

B.A. or B.S.

MAJOR REQUIREMENTS

- 54-56 credit hours in Chemistry, Biology, and Mathematics required (Variation in credit hours is tied to student's choice of degree-type)
- Minimum of 15 credit hours of Chemistry must be upper-college

COURSES COMPLETED OR IN PROGRESS

INTRODUCTORY & COGNATE COURSES (23 Hrs)

CH137 & CH138 General Chemistry I & II (7 hrs)

MA171 & MA172 Calculus I & II (8 hrs)

PC225 & PC226 General Physics I & II (8 hrs)

ADDITIONAL REQUIREMENTS

Foundational Courses:

CH140 Quantitative Analysis (2 hrs)

CH251 Organic Chemistry I (4 hrs)

CH361 Physical Chemistry I (Fundamentals of Physical Chemistry) (3 hrs)

CH370 Biochemistry (3 hrs)

CH475 Advanced Topics in Inorganic Chemistry (3 hrs)

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In-Depth Courses:

CH252 Organic Chemistry II (4 hrs)

CH341 Instrumental Methods of Analysis (4 hrs)

CH362 Physical Chemistry II (3 hrs) [*BS degree students only*]

CH363 Integrated Lab I: Spectroscopy (1 hr)

CH364 Integrated Lab II: Materials (1 hr) [*BS degree students only*]

CH491 Chemistry Seminar (2 hrs)

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One of the following courses:

CH350 Environmental Chemistry (3 hrs)

CH440 Advanced Topics in Analytical Chemistry (3 hrs)

CH451 Advanced Topics in Organic Chemistry (3 hrs)

CH460 Advanced Topics in Physical Chemistry (3 hrs)

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STUDENT NAME: _____

STUDENT NUMBER: _____

DATE: _____