

Standing Requirements

Outcomes Library

BA/BS in Chemistry Outcome Set

Outcome #1 Fundamental Concepts

Students pursuing a baccalaureate degree in chemistry will exhibit a sound grasp of fundamental concepts in the discipline.

Outcome	Mapping
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Outcome #1	No Mapping
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Outcome #2 Problem solving

Students pursuing a baccalaureate degree in chemistry will be able to employ problem solving skills together with scientific models and mathematical techniques to explain and predict behavior of chemical systems.

Outcome	Mapping
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Outcome #2	Foundational Studies: 2. Critically evaluate the ideas of others.
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Outcome #3 Laboratory Procedures

Students pursuing a baccalaureate degree in chemistry will be able to carry out basic laboratory procedures demonstrating appropriate use of instrumentation, quantitative measurement, and data analysis.

Outcome	Mapping
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Outcome #3	Foundational Studies: IIIa. Quantitative Literacy
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Outcome #4 Communication

Students pursuing a baccalaureate degree in chemistry will be able to demonstrate professional communication skills.

Outcome	Mapping
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Outcome #4	Foundational Studies: 10. Express themselves effectively, professionally, and persuasively both orally and in writing.
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