

The Ohio State University
College of Arts and Sciences

Advanced Chemistry Knowledge for Educators Certificate (Type 3A)

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Overview

Graduate Academic Certificate Program: Post-Bachelor Degree Stand-Alone Certificate: Advanced Chemistry Knowledge for Educators consists of a total of 18 credit hours distributed across four online courses. The certificate is designed to enhance the skills of high school teachers, or those interested in becoming high school teachers, and provides accreditation to teach College Credit Plus chemistry courses.

Certificate Requirements

Four required courses (18 credits).

Chemistry 6086 – Atomic Structures and Quantum Mechanics (5 credits)

Chemistry 6087 – Bonding Models and States of Matter (4 credits)

Chemistry 6088 – Kinetics, Thermodynamics, and Equilibrium (4 credits)

Chemistry 6089 – Modern Applications and Instrumental Analysis (5 credits)

Advanced Chemistry Knowledge for Educators program guidelines

Credit hours required

A minimum of 18 hrs.

Overlap with courses in degree

Max 50% overlap with courses in a major, minor, or other certificate.

Grades required

- Minimum C- for a course to be counted on the certificate.
- Minimum 3.00 cumulative GPA for all certificate course work.
- Course work graded Pas/Non-Pass cannot be applied toward the certificate.

X193 credits

Not permitted.

Approval required

The certificate must be approved by the academic unit.

Consult with Advisor

For filing deadlines.

For changes or exceptions to a certificate plan.

College of Arts and Sciences.
Curriculum and Assessment Services
306 Dulles Hall, 230 Annie & John Glenn Ave.
<http://artsandsciences.osu.edu>
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