

# Chemistry - Teacher Preparation (B.A. or B.S.)

## Degree Type

B.A. or B.S.

**Objective:** To enable students to meet Virginia requirements for licensure to teach chemistry.

**Departmental requirements:** Except for the senior project and the support courses, teacher preparation students should complete the above requirements for the [B.S. degree](#) or the [B.A. degree](#). Satisfactory performance on departmental assessment exams is also required. The B.A. or B.S. degree must include Chemistry 221, Chemistry 230, Chemistry 240 or 430X), Chemistry 312, Chemistry 330, and all prerequisites. Teacher preparation students must also complete ESCI 111.

## Licensure Requirements

Item #	Title	Semester Hours
EDUC 114	Introduction to Education	1
EDUC 115	Early Field Experience	1
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EDUC 305	Human Growth & Development	3
EDUC 324	Assessing for Learning	3
EDUC 351	Fundamentals Science/Lab Pedagogy	2
EDUC 370	Survey of Exceptional Children	3
EDUC 401	Practicum in Education	2
EDUC 440	Seminar: Teaching Secondary School	2
EDUC 441	Supervised Teaching-Secondary School	10
EDUC 445	Foundations of Education	3
EDUC 449	Reading & Writing in Content Areas	3
EDUC 450	Curriculum&instruct in Sec School	3
ESCI 111	Physical Geology	4
	HIST 111 or HIST 112	3
PHYS 201	General Physics I	4

## Recommended

Item #	Title	Semester Hours
	HHP 231 or HHP 232 or HHP 251	3
	Total Credits	50

## HIST 111 or HIST 112

Elective Credits 3

Item #	Title	Semester Hours
HIST 111	American History to 1861	3
HIST 112	American History Since 1861	3

## HHP 231 or HHP 232 or HHP 251

Elective Credits 3

One course from:

Item #	Title	Semester Hours
HHP 231	Personal Health	3
HHP 251	Safety Education	3