

Secondary Education Licensure

Milligan University

Chemistry

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

Catalog Year
2024-2025

FALL SEMESTER YEAR 1		
COURSE	TITLE	CREDITS
BIBL 123	Old Testament Survey	3
HUMN 101	Ancient & Medieval Cultures	4
MLGN 100	Intro to College & Service	0.5
EDUC 150	Intro to Teaching	2
Chem 170	General Chemistry I	4
Math 211	Calculus I	4
	TOTAL CREDITS	17.5

SPRING SEMESTER YEAR 1		
COURSE	TITLE	CREDITS
MATH 212	Calculus II	4
HUMN 102	Renaissance & Early Modern	4
COMP 111	Rhetorical Composition	3
COMM 102	Speech Communication	3
CHEM 171	General Chemistry II	4
	TOTAL CREDITS	18

FALL SEMESTER YEAR 2		
COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Cty Cultures	4
COMP 211	Found. of Analytical Composition	3
EDUC 231	Psyc & Ed of Exceptional Children	3
CHEM 270	Organic Chemistry I	4
PHYS 203	General Physics I	4
EDUC 152	Technology in Education	1
	TOTAL CREDITS	19

SPRING SEMESTER YEAR 2		
COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Cty Cultures	4
MLGN 200	Intro to Calling and Career	0.5
CHEM 271	Organic Chemistry II	4
PHYS 204	General Physics II	4
BIBL 124	New Testament Survey	3
SOCL 201	Introduction to Sociology	3
	TOTAL CREDITS	18.5

FALL SEMESTER YEAR 3		
COURSE	TITLE	CREDITS
EDUC 307	Secondary Foundations	3
PSYC 356	Cross-Cultural Psychology	3
GEOG 202	Cultural and Ethnic Geography	3
EDUC 234	Classroom Management	2
CHEM 340	Analytical Chemistry I	4
EDUC 321	Assessment for Instruction	3
	TOTAL CREDITS	18

SPRING SEMESTER YEAR 3		
COURSE	TITLE	CREDITS
EDUC 357	Content Area Reading	3
CHEM 341	Analytical Chemistry II	4
CHEM 405	Advanced Inorganic Chemistry	3
PSYC 254	Adolescent Development	3
CHEM 401	Physical Chemistry I	4
EXSC 101M	Lifetime Wellness	1
	TOTAL CREDITS	18

FALL SEMESTER YEAR 4		
COURSE	TITLE	CREDITS
BIBL 471	Christ & Culture	3
EDUC 409	Secondary Methods	5
CHEM 490	Capstone	3
CHEM 402	Physical Chemistry II	3
CHEM 410	Suggested Elective: Biochemistry I	4
	TOTAL CREDITS	18

SPRING SEMESTER YEAR 4		
COURSE	TITLE	CREDITS
EDUC 454	Student Teaching ¹	12
EDUC 460	Capstone Seminar	1
EDUC 446	Seminar in Teach., Assess., Reflect.	1
	TOTAL CREDITS	14
MINIMUM 128 NEEDED FOR GRAD		141

¹ Verification of CPR and First Aid Competency is required prior to practicum

² Psychology and Sociology licensure is for Grades 9-12 only

* Recommended course sequence is based on the General Chemistry concentration. If you wish to have a different concentration, please meet with your Chemistry advisor

NOTE: The above includes all college requirements for graduation and completion of a licensure program leading to Secondary Education licensure (Grades 7-12, Bachelor of Science). The courses in the academic major are shown as electives. The total number of credit hours varies lightly among majors. See the Office Manager in the Center for Assistance to Students in Education (CASE) for details of each available academic major. The sequence of courses has limited flexibility and must be planned collaboratively by the teacher candidate and his/her academic advisors in the major and in Education.