

COLLEGE OF ARTS & SCIENCES
2024-2025 CHEMISTRY EMPHASIS (TEACHING)
B.S. DEGREE PLAN

FIRST YEAR - FRESHMAN							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
MAT	120	Precalculus ³	4	MAT	122	Analytics & Calculus I ³	4
CHE	121	General Chemistry I	3	CHE	122	General Chemistry II ³	3
CHE	121L	General Chemistry I Lab	1	CHE	122L	General Chemistry II Lab ³	1
ENG	101	English Composition I ¹	3	ENG	102	English Composition II ^{1,3}	3
BPH	100	Special Topics in Science	0.5	BIB	122	Acts of the Apostles ¹	2
BIB	121	Life of Christ ¹	2			Critical/Creative Elective ¹	3
EDU	130	Introduction to Education	3	EDU	250	Professional Reflective Seminar I ³	2
			16.5				18
SECOND YEAR - SOPHOMORE							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
SPE	240	Special Education Foundations ³	3	BIB		Bible	2
PHS	211	Physics for Science & Engineering I ³	4			Behavioral Science Elective ¹	3
CHE	321	Organic Chemistry I ³	4	CHE	322	Organic Chemistry II ³	4
BIB		Bible	2	PHS	212	Physics for Sci. & Engr. II ³	4
MAT	223	Analytics & Calculus II ³	4	PSY	306	Educational Psychology ³	3
BPH	200	Special Topics in Science	0.5				
			17.5				16
THIRD YEAR - JUNIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
RDG	321	Teaching Secondary Literacy ³	3	CHE	221	Analytical Chemistry ³	4
HIS		History Elective ¹	3			Critical/Creative Elective ¹	3
EDU	320	Technology in the Classroom ³	3	CHE		UD Chemistry Elective (or Bio)	4
BIB	(4)346	Christian Evidences/Found. of Faith ¹	3	BIB		Bible	2
BPH	300	Special Topics in Science	1	BIO	444	Biological Conc. of Origins ³	3
EDU	327	Tests & Measurement ³	3	COM	140	Speech Communication ¹	3
			16				19
FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
CHE	421	Quantum Chemistry ³	4	EDU	447	Student Teaching, Secondary ³	12
CHE		UD Chem. Elective (or Bio)	3	EDU	450	Professional Reflective Seminar III ³	1
BIB	495	Values in Human Thought & Action ^{1,3}	3				
EDU	350	Professional Reflective Seminar II ³	1				
EDU	428	Classroom Management ³	2				
EDU	431D	Tchg Methods & Literacy: Sec. Science ³	3				
BPH	400	Science Seminar ³	1	CHE	422	Chem Kinetics & Thermo ^{3*****}	4
			17				17
						Total	137

¹Liberal Arts Core Requirement

²Liberal Arts Core Requirements in Undergraduate Catalog

¹Liberal Arts Core Requirement

²Liberal Arts Core Requirements in *Undergraduate Catalog*

³Course has prerequisite. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

[Insert additional information about the major here]

The following guidelines are important. Failure to follow these guidelines may delay graduation.

1. Plan schedules carefully. Plan to fulfill prerequisites for future courses.
2. Do not alter the sequence of courses without consulting with your academic adviser as not all classes are offered every semester.
3. Before the enrollment period, check to make sure holds will not prevent you from registering.
4. Register for classes early during the registration period to secure classes.

The Four-Year Degree Plan is a suggested plan of study. This plan does not replace the *Undergraduate Catalog*. The *Undergraduate Catalog* provides the official listing of program requirements.

2024-25 Undergraduate Liberal Arts Core Requirements

I. Biblical Values		III. Broadened Perspectives	
A. Bible		A. Behavioral Sciences	
BIB 121 AND 122 AND 346 OR 446	7	FAM/SOC 230 OR PSY 210 OR SOC 241 OR SWK 251	3
II. Basic Skills		B. Natural Sciences	
A. Written Communication		BIO 100 OR BIO 105 OR BIO 110 OR BIO 111 OR BIO 112 OR BIO 211 OR CHE 121 OR PHS 111 OR PHS 112 OR PHS 201 OR PHS 211	
ENG 101 AND ENG 102	6	3	
B. Oral Communication		C. Arts and Humanities	
COM 140	3	HISTORY: HIS 111 OR HIS 112 OR HIS 221 OR HIS 222 OR HUM 399A OR POL 251	
C. Quantitative Reasoning		CRITICAL AND CREATIVE WORKS:	
MAT 100 OR MAT 101 OR MAT 120 OR MAT 122 OR MAT 235	3	ART 110 OR ART 234 OR ENG 225 OR ENG 226 OR ENG 235 OR ENG 236 OR ENG 245 OR ENG 246 OR MUS 110 OR MUS 214 OR PHI 243 OR PHI 245 OR PHI 246 OR THE 160 OR THE 265 OR THE 299A	
Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog.		HUMANITIES CAPSTONE: BIB/HUM 495	
		3	