

FALL 2020

## College of Science, Engineering and Technology

Approved: Academic Affairs  
*L. Brown-Wright*  
 Dr. Lynda Brown-Wright, Provost

Major: Chemistry  
 Concentration: None

Entering Term: \_\_\_\_\_  
 Expected Graduation Date: \_\_\_\_\_  
 Advisor: \_\_\_\_\_

\*Indicate Summer Courses in Comments Section\*

FRESHMAN YEAR FALL 1st SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 141 & CHML 141	General Chemistry I and Lab	4		
ENG 104	Composition	3		
BIO 111 & BIOL 111	General Biology I and Lab	4		
MATH	Math Elective	3		
UNIV 100	University Success	2		
TOTAL CREDIT HOURS		16	GRADE POINT AVERAGE	

Comments: \_\_\_\_\_

FRESHMAN YEAR SPRING 2 <sup>ND</sup> SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 142 & CHML 142	General Chemistry II and Lab	4		
ENG 105	Composition	3		
MATH	Math Elective	3		
CSC 115	Digital Computer Principles	3		
CORE II	Social Science Elective	3		
TOTAL CREDIT HOURS		16	GRADE POINT AVERAGE	

Comments: \_\_\_\_\_

SOPHOMORE YEAR FALL 1 <sup>ST</sup> SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 241 & CHML 241	Organic Chemistry I and Lab	4		
MATH 241	Calculus I and Lab	3		
ENG 205	World Literature	3		
HIST 101	History of Civilization I	3		
PE	Any 100-Level PE Or HE 101	1		
TOTAL CREDIT HOURS		14	GRADE POINT AVERAGE	

Note: If Health (HE 101) is taken in one of the semester, then PE option is satisfied for both semesters.

Comments: \_\_\_\_\_

SOPHOMORE YEAR SPRING 2 <sup>ND</sup> SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 242 & CHML 242	Organic Chemistry II and Lab	4		
CORE II	Fine Arts or Humanities Elective	3		
MATH 242	Calculus II and Lab	3		
HIST 102	History of Civilization	3		
PE	Any 100-Level PE or HE 101	1		
TOTAL CREDIT HOURS		14	GRADE POINT AVERAGE	

English Proficiency: Date taken \_\_\_\_\_ Pass or Fail      If Failed: English 399 (Functional Writing): Date Taken \_\_\_\_\_ Pass or Fail

Note: If Health (HE 101) is taken in one of the semesters, then PE option is satisfied for both semesters.

Comments: \_\_\_\_\_

JUNIOR YEAR FALL 1 <sup>ST</sup> SEMESTER
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COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 320 & CHML 320	Analytical Chemistry	4		
PHY 201 & PHY 201	Basic Physics I and Lab	4		
MFL 101	Foreign Language	3		
CHEM 381	Chemistry Seminar	0.5		
SPCH	Speech Elective	3		
<b>TOTAL CREDIT HOURS</b>		<b>14.5</b>	<b>GRADE POINT AVERAGE</b>	

Students who have completed two years of a single foreign language in high school with a grade of 'C' are exempt from foreign language requirements; however, the student must take 6 hours of electives to replace the foreign language credits.

Comments: \_\_\_\_\_

JUNIOR YEAR SPRING 2 <sup>ND</sup> SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 340 & CHML 340	Inorganic Chemistry and Lab	4		
PHY 202 & PHY 202	Basic Physics II and Lab	4		
MFL 102	Modern Foreign Language	3		
PHIL	Philosophy Elective	3		
CHEM 382	Chemistry Seminar	0.5		
CHEM 310	Introduction to Research	2		
<b>TOTAL CREDIT HOURS</b>		<b>16.5</b>	<b>GRADE POINT AVERAGE</b>	

Students who have completed two years of a single foreign language in high school with a grade of 'C' are exempt from foreign language requirements; however, the student must take 6 hours of electives to replace the foreign language credits.

Comments: \_\_\_\_\_

SENIOR YEAR FALL 1 <sup>ST</sup> SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 341 & CHML 341	Physical Chemistry and Lab	4		
CHEM 481	Chemistry Seminar	0.5		
CHEM	Chemistry Elective	3		
ELECTIVE	General Elective	3		
ELECTIVE	General Elective	3		
ELECTIVE	General Elective	3		
<b>TOTAL CREDIT HOURS</b>		<b>16.5</b>	<b>GRADE POINT AVERAGE</b>	

Comments: \_\_\_\_\_

SENIOR YEAR SPRING 2 <sup>ND</sup> SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CHEM 421 & CHML 421	Instrumentation and Instrumentation Lab	4		
CHEM 482	Chemistry Seminar	0.5		
CHEM	Chemistry Elective	3		
CHEM 429	Organic Structure Determination by Spectroscopy	3		
ELECTIVE	General Elective	3		
ELECTIVE	General Elective	3		
<b>TOTAL CREDIT HOURS</b>		<b>16.5</b>	<b>GRADE POINT AVERAGE</b>	

Comments: \_\_\_\_\_

On-line Graduation Clearance (TO BE COMPLETED DURING THE GRADUATING SEMESTER ONLY)

TOTAL HOURS: 124 (REQUIRED)

\*Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100: University Success: however, the student must take 2 hours of general electives to replace the UNIV course.

\*All students must take the Undergraduate English Proficiency Examination (UEPE) after the sophomore year. Students not passing the exam must take **ENG 399**.

STUDENT SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

ADVISOR SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

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Standardized Tests (GRE, MCAT, MFT, PCAT, etc), Chemistry Exit Exam, Research Report, and Research Presentation are required before graduation.

Chemistry Option Courses: At least one of the following courses: CHEM 342 (Physical Chemistry II), CHEM 410 (Environmental Chemistry), CHEM 431 (Biochemistry I), CHEM 439 (Introduction to Polymer Chemistry), CHEM 441 (Advanced Inorganic Chemistry), CHEM 436 (Physical Organic Chemistry), CHEM 438 (Organic Synthesis), or CHEM 458 (Quantum Chemistry).

Math Option Courses: Two of the following courses: MATH 111 (College Algebra) and MATH 112 (Plane Trigonometry) or MATH 118 (Algebra II and Trigonometry), MATH 243 (Calculus III).

For students who wish to obtain a teacher license: Students can consult the College of Education and Human Development for courses required using the five elective courses above.

CORE II Options: (All students must complete).

A. Social/Behavioral Science or Fine Arts/Humanities:

One of the following: SS 201, SS 202, SOC 214, PS 334, PS 336, GEO 105, Geo 209, SOC 325, PSY 201, PS 335, ECO 211, or ECO 212.

One of the following: ART 206, DR 201, MUS 205, ENG 201H, or ENG 202H.

B. Speech Option: One of the following: SPCH 201, SPCH 216, SPCH 300, SPCH 334, SPCH 335, SPCH 430.

C. Philosophy Option: One of the following: PHIL 301, PHIL 308, PHIL 309, PHIL 416, MGMT 482, SW 210.