

Non-ACS GENERAL Track 2020-2021 Program Map – BS Chemistry (pre-calc start)

YEAR 1

TERM 1		TERM 2	
Course	Credits	Course	Credits
ENGL 1101: English Composition I	3	ENGL 1102: English Composition II	3
MATH 1113: Precalculus	4	MATH 1634: Calculus	4
CHEM 1211/1211L: Principles of Chemistry I + Lab	4	CHEM 1212/1212L: Principles of Chemistry 2+ Lab	4
Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3	Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3
XIDS 2002 First Year Seminar Course (CORE B2: Other Institutional options)	2		
SEMESTER TOTAL	16	SEMESTER TOTAL	14
Milestones		Milestones	
<ul style="list-style-type: none"> Complete ENGL 1101, MATH 1113, CHEM 1211/1211L C or better 		<ul style="list-style-type: none"> Complete ENGL 1102, MATH 1634 C or better Complete CHEM 1212/1212L B or better 	

YEAR 2

TERM 1		TERM 2	
Course	Credits	Course	Credits
CHEM 2411/2411L: Organic Chemistry 1 + Lab	4	CHEM 3422/3422L: Organic Chemistry I + Lab	4
PHYS1111/1111L OR 2211/2211L: Introductory Physics 1/Lab or Principles of Physics 1/Lab	4	PHYS 1112/1112L OR 2212/2212L: Introductory Physics 2/Lab or Principles of Physics 2/Lab	4
MATH 1401 or MATH 2644: Elementary Statistics or Calculus II	3 or 4	Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3
Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3	Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3
CHEM 2130: Sophomore Chemistry Seminar	1		
SEMESTER TOTAL	15 or 16	SEMESTER TOTAL	14
Milestones		Milestones	
<ul style="list-style-type: none"> Complete CHEM 2411 and PHYS C or better 		<ul style="list-style-type: none"> Complete Organic Chemistry I and II, Physics I and II C or better 	

****This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements****

Core Curriculum (A-E) can be viewed here: <https://www.westga.edu/student-services/registrar/core-curriculum.php>
 Student Online Resources:

- www.westga.edu/advising (Learn about: The name of your assigned advisor, program maps for all programs at UWG, tutorials on how to register and your wolf watch evaluation).
- www.westga.edu/scoop (Learn about: Fee payment deadlines, withdrawal deadlines, final exam schedules).
- www.westga.edu/esc (Learn about: Requesting a transcript, financial aid information, requesting an enrollment verification, completing a FERPA form).
- www.westga.edu/careerservices (Learn about: On/Off campus job opportunities, major and career exploration, resumes & cover letters, interviewing tips).
- www.westga.edu/cas (Learn about: tutoring, academic coaching, supplemental instruction, success workshops)

YEAR 3

TERM 1	
Course	Credits
CHEM 3310K: Analytical Chemistry	4
CHEM 3510: Survey of Physical Chemistry	3
Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3
ELECTIVE	3
ELECTIVE	3
SEMESTER TOTAL	16
Milestones	
<ul style="list-style-type: none"> • Complete CHEM 3310K C or better 	

TERM 2	
Course	Credits
CHEM 4610: Inorganic Chemistry	3
CHEM ELECTIVE	3
Area B1, Area C or Area E: Written and Oral Communications; Humanities; Fine Arts; Social Sciences	3
ELECTIVE	3
ELECTIVE 3XXX/4XXX	3
SEMESTER TOTAL	15
Milestones	
<ul style="list-style-type: none"> • 	

YEAR 4

TERM 1	
Course	Credits
CHEM 4711: Biochemistry	3
CHEM ELECTIVE	3
ELECTIVE	3
ELECTIVE 3XXX/4XXX	3
ELECTIVE 3XXX/4XXX	3
SEMESTER TOTAL	15
Milestones	
<ul style="list-style-type: none"> • 	

TERM 2	
Course	Credits
CHEM 4910L: Tools and Applications in Chemical Research and Practice	3
ELECTIVE	3
ELECTIVE	3
ELECTIVE 3XXX/4XXX	3
ELECTIVE 3XXX/4XXX	3
SEMESTER TOTAL	15
Milestones	
<ul style="list-style-type: none"> • 	