

Non-ACS Professional Preparation Track 2020-2021 Catalog's 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 I	3
MATH 1113: Precalculus	4	MATH 1634: Calculus I	4
CHEM 1211/1211L: Principles of Chemistry I + Lab	4	CHEM 1212/1212L: Principles of Chemistry I + Lab	4
CORE E (POLS 1101): American Government	3	BIOL 1107/1107L : Principles of Biology I + Lab	4
XIDS 2002 First Year Seminar Course (CORE B2: Other Institutional options)	2		
SEMESTER TOTAL	16	SEMESTER TOTAL	15
Milestones		Milestones	
<ul style="list-style-type: none"> Overall B or better grades highly desirable to be competitive for medical school 		CHEM 1212 grade of B or better required to move into Organic Chemistry	

YEAR 2

TERM 1		TERM 2	
Course	Credits	Course	Credits
CHEM 2411/2411L: Organic Chemistry I + Lab	4	CHEM 3422/3422L: Organic Chemistry II + Lab	4
BIOL 1108/1108L: Principles of Biology II + Lab	4	BIOL Elective 3XXX/4XXX	4
Core E4 (PSYC 1101 OR SOCI 1101) - Introduction to General Psychology or Introductory Sociology	3	CORE B1 (PHIL 2020): Critical Thinking	3
MATH 1401/MATH 2644: Elementary Statistics/ Calculus II	3	GENERAL ELECTIVE	3
CHEM 2130: Sophomore Chemistry Seminar	1		
SEMESTER TOTAL	15	SEMESTER TOTAL	14
Milestones		Milestones	
<ul style="list-style-type: none"> Overall B or better grades highly desirable to be competitive for medical school 		<ul style="list-style-type: none"> Overall B or better grades highly desirable to be competitive for medical school 	

TERM 3 (Summer)

CHEM 3310K: Analytical Chemistry 4

CORE E1 or E2: World History or US History 3

- CHEM 3422+L and CHEM 3310K must be completed with a C or better before taking CHEM 4711

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		TERM 2	
Course	Credits	Course	Credits
CHEM 4711: Biochemistry	3	CHEM Elective	3
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
BIOL Elective 3XXX/4XXX	4	CORE C2 (Literature class)	3
PSYC or SOCI Elective 3XXX/4XXX	4	BIOL Elective 3XXX/4XXX	4
SEMESTER TOTAL	15	SEMESTER TOTAL	14
Milestones		Milestones	
<ul style="list-style-type: none"> Overall B or better grades highly desirable to be competitive for medical school Biology electives can be taken in any order but need to be taken before attempting the MCAT. 		<ul style="list-style-type: none"> Overall B or better grades highly desirable to be competitive for medical school Biology electives can be taken in any order but need to be taken before attempting the MCAT. 	
YEAR 4			
TERM 1		TERM 2	
Course	Credits	Course	Credits
CHEM 3510: Survey of Physical Chemistry	3	CHEM 4910L: Tools and Applications in Chemical Research and Practice	3
CHEM ELECTIVE	3	CHEM 4610: Inorganic Chemistry	3
CORE C1: FINE ARTS	3	CORE E1 or E2: World History or American/Georgia History	3
GENERAL ELECTIVE	3	Supporting Course (CS 1300, MATH or SPAN)	3
SEMESTER TOTAL	12	SEMESTER TOTAL	12
Milestones		Milestones	
<ul style="list-style-type: none"> Overall B or better grades highly desirable to be competitive for medical school 		<ul style="list-style-type: none"> 	

Recommended Biology Electives: Cell and Molecular Biology, Human Physiology, Genetics, Microbiology.

Recommended Psychology Electives: Human Growth & Development, Social Psychology, Abnormal Psychology.

This program map was developed for Medical School. The courses in the first three years have been laid out to prepare students for the MCAT. The MCAT should be taken in the summer after Year 3.

This program map can be adapted for Dental, Vet, Physician’s Assistant, Anesthesiology Assistant or Physical Therapy programs. Please see an advisor to make adjustments for those programs. Students interested in Pharmacy School should see the Pharmacy focused program map.