

**Non-ACS Professional Preparation Track  
2020-2021 Catalog's Program Map – BS Chemistry (algebra start)**

**YEAR 1**

TERM 1		TERM 2	
Course	Credits	Course	Credits
ENGL 1101: English Composition I	3	ENGL 1102: English Composition II	3
MATH 1111: College Algebra	3	MATH 1113: Precalculus	4
POLS 1101: Core E3- American Government	3	CHEM 1211/1211L: Principles of Chemistry I + Lab	4
BIOL 1107/1107L : Principles of Biology I + Lab	4	BIOL 1107/1107L : Principles of Biology I + Lab	4
XIDS 2002 First Year Seminar Course (CORE B2: Other Institutional options )	2		
<b>SEMESTER TOTAL</b>	<b>15</b>	<b>SEMESTER TOTAL</b>	<b>15</b>
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> </ul>		<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> </ul>	

**TERM 3 (Summer)**

CHEM 1212/1212L: Principles of Chemistry I + Lab 4

CORE E1 or E2: World History or US History 3

- 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
MATH 1634: Calculus I	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
CHEM 2130: Sophomore Chemistry Seminar	1	MATH 1401 or MATH 2644: Elementary Statistics or Calculus II	3
<b>SEMESTER TOTAL</b>	<b>12</b>	<b>SEMESTER TOTAL</b>	<b>14</b>
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> </ul>		<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> </ul>	

**\*\*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](http://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](http://www.westga.edu/scoop) (Learn about: Fee payment deadlines, withdrawal deadlines, final exam schedules).
- [www.westga.edu/esc](http://www.westga.edu/esc) (Learn about: Requesting a transcript, financial aid information, requesting an enrollment verification, completing a FERPA form).
- [www.westga.edu/careerservices](http://www.westga.edu/careerservices) (Learn about: On/Off campus job opportunities, major and career exploration, resumes & cover letters, interviewing tips).
- [www.westga.edu/cas](http://www.westga.edu/cas) (Learn about: tutoring, academic coaching, supplemental instruction, success workshops).

TERM 3 (Summer)			
CHEM 3310K: Analytical Chemistry 4			
CORE E1 or E2: World History or US History 3			
<ul style="list-style-type: none"> <li>CHEM 3422+L and CHEM 3310K must be completed with a C or better before taking CHEM 4711</li> </ul>			
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	BIOL Elective 3XXX/4XXX	3
PSYC or SOCI Elective 3XXX/4XXX	4	Core C2 (Literature Class)	3
SEMESTER TOTAL	15	SEMESTER TOTAL	13
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school but need to be taken before attempting the MCAT.</li> </ul>		<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> <li>Biology electives can be taken in any order, but need to be taken before attempting the MCAT.</li> <li>Take MCAT</li> </ul>	
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
GENERAL ELECTIVE	3	GENERAL ELECTIVE	3
ELECTIVE 3XXX/4XXX	3	ELECTIVE (supporting courses: CS 1300 OR MATH OR SPAN)	3
SEMESTER TOTAL	12	SEMESTER TOTAL	12
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> </ul>		<ul style="list-style-type: none"> <li>Overall B or better grades highly desirable to be competitive for medical school</li> </ul>	

**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.