



Chemistry, Non-ACS Track Options, B.S.

Core IMPACTS Curriculum	HRS	GR
Core IMPACTS Area I - Institutional Priorities	4-5	
1. Written and Oral Communication One of the following is required of all majors. Choose from the following: ART 2000, ANTH 110, COMM 1100, COMM 1110, ENGL 2000, ENGL 2050 (or) THEA 2050, PHIL 2020, or any international language 1001, 1002	3	
2. Other Institutional Options ANTH 1100, BUSA 1900, CS 1000, LIBR 2100, MUSC 1110, XIDS 2001, XIDS 2002	1-2	
Core IMPACTS Area M - Mathematics and Quantitative Skills	3	
Choose one of the following based on major: MATH 1113 or MATH 1634	3-4	
Core IMPACTS Area P - Political Science and U.S. History (Citizenship)	6	
1. American / United States History HIST 2111 or 2112	3	
2. American / Georgia Government POLS 1101	3	
Core IMPACTS Area A - Arts, Humanities & Ethics (Humanities)	6	
1. Fine Arts XIDS 2100, ART 1201, ART 2201, ART 2202, FILM 2080, MUSC 1100, MUSC 1120, THEA 1100	3	
2. Humanities (foreign language is recommended) XIDS 2100, COMM 1154, ENGL 2110, ENGL 2120, ENGL 2130, ENGL 2180, ENGL 2190, FREN 1001, GRMN 1001, SPAN 1001, FREN 1002, GRMN 1002, SPAN 1002, FREN 2001, GRMN 2001, SPAN 2001, FREN 2002, GRMN 2002, SPAN 2002, FORL 2200, FORL 2300, PHIL 2010, PHIL 2030	3	
Core IMPACTS Area C - Communicating in Writing	6	
ENGL 1101	3	
ENGL 1102	3	
Core IMPACTS Area T - Technology, Mathematics, and Sciences (STEM)	10-11	
1. Science Courses PHYS 1111(L), PHYS 1112(L), PHYS 2211(L), PHYS 2212(L)	7-8	
2. Mathematics, Science, and Quantitative Technology Courses MATH 1634 (1 hr moved to Core IMPACTS Field of Study unless completed in Core IMPACTS Area M)	3-4	
Core IMPACTS Area S - Social Sciences	6	
1. World History HIST 1111 or 1112	3	
2. Social Science Elective Courses PSYC 1101 or SOCI 1101 (recommended)	3	
Field of Study	HRS	GR
CHEM 1211 (Principles of Chemistry I) with lab section	4	
CHEM 1212 (Principles of Chemistry II) with lab section	4	
MATH 2644 (Calculus II) or MATH 1401 (Elementary Statistics)	4	
CHEM 2411 (Organic Chemistry I) with lab section	4	
MATH credit from Area M and T	2	

General Option	HRS	GR
Requirements for the Major	28	
CHEM 2130 (Sophomore Chemistry Seminar)	1	
CHEM 3422 (Organic Chemistry II)	3	
CHEM 3422L (Organic Chemistry II Laboratory)	1	
CHEM 3310K (Analytical Chemistry)	4	
CHEM 3510, CHEM 3521, CHEM 3522, or CHEM 3523	3	
CHEM 4610 (Inorganic Chemistry)	3	
CHEM 4711 (Biochemistry) or CHEM 4712 (Physical Biochemistry)	3	
CHEM 4908L (Tools in Chemical Research)	2	
CHEM 4909L (Chemistry Senior Capstone Project)	1	
CHEM 4084 (Senior Seminar)	1	
CHEM elective 1 (3200 or above) (excluding CHEM 4083)	3	
CHEM elective 2 (3500 or above) (excluding CHEM 4083)	3	
Supporting Courses and/or Minor Discipline Courses	33-34	
Total	120	

Business Option	HRS	GR
Requirements for the Major	28	
CHEM 2130 (Sophomore Chemistry Seminar)	1	
CHEM 3422 (Organic Chemistry II)	3	
CHEM 3422L (Organic Chemistry II Laboratory)	1	
CHEM 3310K (Analytical Chemistry)	4	
CHEM 3510, CHEM 3521, CHEM 3522, or CHEM 3523	3	
CHEM 4610 (Inorganic Chemistry)	3	
CHEM 4711 (Biochemistry) or CHEM 4712 (Physical Biochemistry)	3	
CHEM 4908L (Tools in Chemical Research)	2	
CHEM 4909L (Chemistry Senior Capstone Project)	1	
CHEM 4084 (Senior Seminar)	1	
CHEM elective 1 (3200 or above) (excluding CHEM 4083)	3	
CHEM elective 2 (3500 or above) (excluding CHEM 4083)	3	
Minor: Minor in Accounting, Business Management, management Information Systems, Marketing, or Real Estate.	15-18	
Electives	15-18	
Total	120	

Professional Preparation Option	HRS	GR
Requirements for the Major	28	
CHEM 2130 (Sophomore Chemistry Seminar)	1	
CHEM 3422 (Organic Chemistry II)	3	
CHEM 3422L (Organic Chemistry II Laboratory)	1	
CHEM 3310K (Analytical Chemistry)	4	
CHEM 3510, CHEM 3521, CHEM 3522, or CHEM 3523	3	
CHEM 4610 (Inorganic Chemistry)	3	
CHEM 4711 (Biochemistry) or CHEM 4712 (Physical Biochemistry)	3	
CHEM 4908L (Tools in Chemical Research)	2	
CHEM 4909L (Chemistry Senior Capstone Project)	1	
CHEM 4084 (Senior Seminar)	1	
CHEM elective 1 (3200 or above) (excluding CHEM 4083)	3	
CHEM elective 2 (3500 or above) (excluding CHEM 4083)	3	
Minor: Biology, Psychology, or Spanish (15-18 total hours with minimum 9-12 hours at 3000-level or above)	15-18	
Electives	15-18	
Total	120	

Secondary Education Option	HRS	GR
Requirements for the Major	28	
CHEM 2130 (Sophomore Chemistry Seminar)	1	
CHEM 3422 (Organic Chemistry II)	3	
CHEM 3422L (Organic Chemistry II Laboratory)	1	
CHEM 3310K (Analytical Chemistry)	4	
CHEM 3510, CHEM 3521, CHEM 3522, or CHEM 3523	3	
CHEM 4610 (Inorganic Chemistry)	3	
CHEM 4711 (Biochemistry) or CHEM 4712 (Physical Biochemistry)	3	
CHEM 4908L (Tools in Chemical Research)	2	
CHEM 4909L (Chemistry Senior Capstone Project)	1	
CHEM 4084 (Senior Seminar)	1	
CHEM electives (3000 or above) (excluding CHEM 3100, CHEM 3130, CHEM 3140, CHEM 4083.)	6	
Supporting Courses	14	
BIOL 1107 (Principles of Biology I) with lab section or GEOL 1121 (Exploring Earth) with lab section	4	
BIOL 1108 (Principles of Biology II) with lab section or GEOL 1122 (Earth and Life Through Time) with lab section	4	
3xxx/4xxx courses (can be in one area for a minor, or combination)	9	
Any electives	5	
Education option requirements: 10 Hours	10	
CHEM 2086 (Chemistry Leadership Practicum)	1	
MEDT 2501 (Multiple Literacies for Ed.)	3	
EDUC 2120 (Exploring Sociocultural Perspectives on Diversity in Educational Contexts)	3	
CHEM 4411 (Scientific Communication)	3	
Total	120	