

Department of Chemistry
Chemistry – Biochemistry Track
AUBURN UNIVERSITY at MONTGOMERY

NAME:

S number: S00

Course	hrs	grade	Number	Course	hrs	grade	Number	Term
University Success	3		UNIV 1000, 1004, 1007	AREA V: Requirements and Support for the Major				
AREA I Core (6 hours) minimum of C required for both				Quantitative Analysis	4		CHEM 2103	
English Comp I	3		ENGL 1010/1017 or HONR	Organic Chemistry I w/ Lab	4		CHEM 3100/01	
English Comp II	3		ENGL 1020/1027 or HONR	Organic Chemistry II w/ Lab	4		CHEM 3200/01	
AREA II Core (12 hours)				Biochemistry I w/Lab	4		CHEM 3310/11	
Literature* (ENGL 1020 pre-req)	3		ENGL 2530, 2540, 2570, 2580, 2600, 2610 or HONR	Biochemistry II w/Lab	4		CHEM 3320/21	
Literature / Area II Elective	3-4		ENGL 2XXX/ any Lit. or HONR	Cell. Molecular Bases of Life	4		BIOL 1100/01 or BIOL 1017/18	
Fine Arts	3		MUSI 2110, THEA 2040, VISU 1000, 2030, 2040, OR 2600 or HONR	Genetics or Microbiology w/Lab	4		BIOL 3300/01 or BIOL 3010/11	
Humanities	3		COMM or PHIL or HONR	Physics I w/ Lab	4		PHYS 2100/01	
AREA III Core (12 hours)				Physics II w/Lab	4		PHYS 2200/01	
Calculus I	4		MATH 1610 Pre-requisite course(s) used in electives	Statistics Elective	3		STAT 2670 or BIOL 2200	
General Chem. I w/ Lab	4		CHEM 1100/01	Senior Seminar (WI)	3		PSCI 4970 or BIO(ENSC) 4952	
General Chem. II w/ Lab	4		CHEM 1200/01	Electives (up to 34 hours)				
AREA IV Core (12 hours)				Organisms, Adapt., Environ. w/Lab	4		BIOL 1020/21 or BIOL 1027/28	
History *	3		HIST 1010, 1020, 1060, 1070, 2010, 2020 or HONR	Advanced Chemistry course	4		Any advanced chemistry course	
History/Area IV elective *	3			Remaining BIOL 3010/11 <i>Microbiology</i> or BIOL 3300/01 <i>Genetics</i>	4		BIOL 3300/01 or BIOL 3010/11	
Social Science	3		ANTH/INTL 2110, ECON 2000, 2010, 2020, GEOG/INTL 2050, 2150, JUST 1270, POLS 2020, 2200, PSYC 2110, SOCI 2000, 2007, OR 2010 or HONR					
Social Science	3							
TOTAL	45							
*Students must take a sequence: 2 History courses in sequence and 1 Literature or 1 History course and 2 Literature courses								
All GPAs must be 2.0 or above.								
Core:	Chem:	AUM:	Overall:					
Students should make an appointment with Chemistry advisor: Central Advising 244-3592, Room 125, Taylor Center. Kennedy Smith, kquick@aum.edu								
In planning the sequence of your courses, you should be aware of the required prerequisite or co-requisites. These are listed with the course descriptions in the catalog. It is the responsibility of the student to understand these requirements and to be in full compliance when registering. The instructor of the course and/or the head of the department must approve any waiver of pre-requisite requirements.								
Each undergraduate student is classified according to the number of semester credit hours earned at Auburn University Montgomery and other institutions as follows: freshman: 0-28; sophomore: 29-58; junior: 59-88; senior: 89 or more.								
Credit can be obtained for PSCI 1500/01 only if taken before CHEM 1100/01. Credit will not be given for any MATH course below MATH 1100 and PSCI 1100/01.								
Additional Information: http://www.aum.edu/chemistry								

The courses in the program core with the number of semester hours for each:

Courses	Credits
CHEM 2103 <i>Quantitative Analysis</i>	4
CHEM 3100/01 <i>Organic Chemistry I w/Lab</i>	4
CHEM 3200/01 <i>Organic Chemistry II w/Lab</i>	4
CHEM 3310/11 <i>Biochemistry I w/Lab</i>	4
PHYS 2100/01 <i>Physics I w/Lab</i>	4
PHYS 2200/01 <i>Physics II w/Lab</i>	4
STAT 2670 or BIOL2200 <i>Statistics</i>	3
PSCI 4970 or BIO (ENSC) 4952 <i>Senior Seminar (WI)</i>	3

The courses in the proposed option, concentration, specialization, or track, etc., with the credit hours for each:

Students must take CHEM 3320/21, BIOL 1100/01 or BIOL 1017/18, and BIOL 3010/11 or BIOL 3300/01 and choose at least two additional courses from the list below

Courses	Credits
CHEM 3320/21 <i>Biochemistry II w/Lab</i>	4*
BIOL 1100/01 or BIOL 1017/18 <i>Cell, Molecular Bases of Life</i>	4*
BIOL 3010/11 <i>Microbiology</i> or BIOL 3300/01 <i>Genetics</i>	4*
BIOL 1020/21 or BIOL 1027/28 <i>Organism, Adapt., Environ. w/Lab.</i>	4
Remaining BIOL 3010/11 <i>Microbiology</i> or BIOL 3300/01 <i>Genetics</i>	4
CHEM 3400/01 <i>Inorganic Chemistry w/Lab</i>	4
CHEM 3500/01 <i>Environmental Chemistry w/Lab</i>	4
CHEM 4100/01 <i>Physical Chemistry w/Lab</i>	4
CHEM 4303 <i>Instrumental Analysis w/Lab</i>	4
CLLS 3013 <i>Laboratory Technologies.</i>	4
CLLS 3443 <i>Clinical Chemistry I</i>	4
CLLS 3433 <i>Methods of Drug Analysis</i>	4

*Must take a course from each of these three rows.