

Name: _____

Class of: _____

PROGRAM PLANNING FOR THE CHEMISTRY MAJOR**FIRST YEAR**

FALL: _____		SPRING: _____	
Course	Cred.	Course	Cred.
Total Credits		Total Credits	

Major requirements:

Please be sure to check the prerequisites for each course.

- CHEM BC2001x General Chemistry (5)
- MATH UN1101x,y Calculus I (3)
- CHEM BC3230y Organic Chem. I (3)
- CHEM BC3328y Organic Chem. I Lab. (2.5)
- MATH UN1102x,y Calc. II (3)^I
- CHEM BC3231x Organic Chem. II (3)
- CHEM BC3333x Mod. Techniques Lab. (3)
- CHEM BC3242y Quant. Analysis (3)
- CHEM BC3338y Quant. & Instr. Tech. Lab. (3)
- PHYS BC2001x Mechanics w/ lab (4.5)^{II}
- PHYS BC2002y Electricity & Magnet. w/ lab (4.5)^{II}
- CHEM BC3253x Quantum Chemistry (3)
- CHEM BC3252y Thermodynamics & Kinetics (3)
- CHEM BC3348y Adv. Spec. & Analysis Lab. (3)
- CHEM BC3271y Inorganic Chem. (3)
- CHEM BC3358y Adv. Chemical Synthesis Lab. (5)
- CHEM BC3282x Biological Chem. (optional) (3)^{III}
- Elective (at least 3 credits)
- Senior Requirement: 3901/02 or 3599 (4)

SOPHOMORE YEAR

FALL: _____		SPRING: _____	
Course	Cred.	Course	Cred.
Total Credits		Total Credits	

JUNIOR YEAR

FALL: _____		SPRING: _____	
Course	Cred.	Course	Cred.
Total Credits		Total Credits	

^I Two semesters of math *after entering college*, including Calc I and II, are required. See advising sheets for further information.^{II} Any calculus-based physics sequence with 2 semesters of laboratory work is acceptable (e.g. 1401-01 or 1601-02, but NOT 1201-02).^{III} CHEM BC3282 is required to receive an ACS certified degree. It is not required for the major. It can count as an elective.**SENIOR YEAR**

FALL: _____		SPRING: _____	
Course	Cred.	Course	Cred.
Total Credits		Total Credits	

Notes: