# 4 year plan for Chemistry Majors

Seeking BS Degree

If you do not have AP credit or your AP course was extremely challenging, Then you should begin the sequence at CHEM 141

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
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| CHEM 141/L  
GEN CHEM  
MATH 111  
BIOL 141 | CHEM 142/L  
GEN CHEM  
MATH 112 |

1ST YEAR

| CHEM 221/221L  
ORGANIC  
PHYS 151  
or 141 | CHEM 222/222L  
ORGANIC  
PHYS 152  
or 142 |

2ND YEAR

| CHEM 260(L) FALL or SPRING  
QUANTITATIVE ANALYTICAL CHEMISTRY W/LAB  
MATH 211 is strongly recommended before CHEM 331 | CHEM 332/332L  
PHYSICAL |

3RD YEAR

| CHEM 301 FALL or SPRING (or 4th yr)  
BIOCHEMISTRY | CHEM 350  
INORGANIC |

| ELECTIVE (1 taken 3rd or 4th) | CHEM 355L FALL or SPRING (req for ACS cert.)  
INORGANIC LAB |

| ELECTIVE (1 taken 3rd or 4th) | |

4TH YEAR

**IMPORTANT NOTES FOR THE BS DEGREE:**

PHYS 151/2 is the recommended sequence over PHY 141/2

BIOL 141 is included because it is a prerequisite for CHEM 301 and therefore could be taken in a later semester

An elective is a 4-credit course at the 230 level or higher