### A suggested four-year program:

**Fall Semester Classes** | **Spring Semester Classes**  
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Freshman | CHEM 110/lab (NS core) | CHEM 111/lab or CHEM 230/lab  
 | MATH 180 (MA core) | MATH 181  
 | BIOL 111/lab | Elective  
 | SI or WR Seminar | SI or WR Seminar  

| Sophomore | CHEM 250/lab | CHEM 251/lab  
 | PHYS 121/lab | PHYS 122/lab  
 | FL (if needed) or Approaches core | BIOL 212/lab  
 | MATH 280 | FL (if needed) or Approaches core  

| Junior | Approaches core | Approaches core or Elective  
 | Elective | BIOL 311  
 | 300 or 400 CHEM elective (3) | CHEM 341 (1)  
 | CHEM 340 | Elective  

| Senior | Elective (CHEM 460 recommended) (3) | Elective  
 | Approaches core or Elective | CHEM 420/lab  
 | CN core (4) | Elective  
 | Elective | Elective  
 | CHEM 493 | CHEM 493 (if necessary)  

| UPS requires a total of 32 units to graduate.  

**Notes:**  
1. MATH 290 is strongly recommended for CHEM 341.  
2. Should be taken concurrently with CHEM 341.  
3. Physical Biochemistry (CHEM 460) is required by a number of medical schools, and recommended by many others. Students should check individual medical school prerequisites at the beginning of the junior year.  
4. Of the three units of upper division coursework required outside the first major, the Connections course will count for one unless it is used to meet a major requirement.  

A minimum grade of C must be earned in all courses for the major. Early contact with the chair of Health Professions staff is recommended in the freshman year.

The MCAT will be revised in 2015 and may include new topics such as psychology and sociology. At this time it is too early to tell what changes will be implemented. Please work closely with the health professions staff to assure you have the most updated information.