Minor Requirements:

Students must have a minimum grade of C- in each course counted toward the minor.

One of the following sequences:

Sequence One:

- **CHEM 103 - General Chemistry** Credit(s): 3
- **CHEM 133 - General Chemistry Laboratory** Credit(s): 1
- **CHEM 104 - General Chemistry** Credit(s): 3
- **CHEM 134 - General Chemistry Laboratory** Credit(s): 1

Sequence Two:

- **CHEM 111 - General Chemistry** Credit(s): 3
- **CHEM 112 - General Chemistry** Credit(s): 3
- **CHEM 115 - Introduction to Chemical Sciences** Credit(s): 2

Three of the following:

- **CHEM 220 - Quantitative Analysis** Credit(s): 3
- **CHEM 221 - Quantitative Analysis Laboratory** Credit(s): 1
  
  or
  
  **CHEM 437 - Instrumental Methods** Credit(s): 3
  
  **CHEM 438 - Instrumental Methods Laboratory** Credit(s): 1

- **CHEM 321 - Organic Chemistry I** Credit(s): 3
- **CHEM 325 - Organic Chemistry Laboratory I** Credit(s): 1
  
  or
  
  **CHEM 331 - Organic Chemistry** Credit(s): 3

Since CHEGs generally don't take CHEM115, they substitute CHEM220/221 for CHEM115

So if they use CHEM220/221 for above, you cannot count this as one of the "Three of the following"

UL Tech Electives

We generally take this.
- **CHEM 333 - Organic Chemistry Majors Laboratory I** Credit(s): 1-2
- **CHEM 457 - Inorganic Chemistry II** Credit(s): 3
- **CHEM 458 - Inorganic Chemistry Laboratory** Credit(s): 1
- **CHEM 418 - Introductory Physical Chemistry I** Credit(s): 3
- **CHEM 445 - Physical Chemistry Laboratory I** Credit(s): 1
  
or
- **CHEM 443 - Physical Chemistry I** Credit(s): 3  
  They substitute CHEG231 for CHEM443
- **CHEM 445 - Physical Chemistry Laboratory I**  
  Must take Pchem lab
- **CHEM 527 - Introductionary Biochemistry**  
  Must take CHEM527
  
or
- **CHEM 641 - Biochemistry**  
  requires 2 sem of orgo (CHEM331 and 332)

**Credits to Total a Minimum of 19**