**SCIENCE SEQUENCE**

**Natural Science**

- **BIOI 211 & Lab** 4 cr & **BIOI 212 & Lab** 4 cr
- **OR** **CHEM 177 & Lab** 5 cr & **CHEM 178 & Lab** 4 cr
- **OR** **PHYS 221 & Lab** 5 cr & **PHYS 222 & Lab** 5 cr

**ADDITIONAL SCIENCE REQUIREMENT**

Science sequence & Science courses from approved science list must total 13 credits or more

- **4-5 cr**

**COMS 300**

Check Pre-requisite requirements 400 level course from approved options 3 cr

- **C- or better**

**COMS 352**

Introduction to Operating Systems (Pre Req C 221, Engl 250) 3 cr

- **C- or better**

**300 Level Elective**

A minimum of 45 credits numbered 300 or above is required for graduation 3 cr*

- **C- or better**

**COMS 400**

(Pre Req C 221, Engl 250) 3 cr

- **C- or better**

**300 Level Elective**

A minimum of 45 credits numbered 300 or above is required for graduation 3 cr*

- **C- or better**

- **Elective or Foreign Language 101**

Foreign Language

1 year at the college level or 3 years high school

- **Arts and Humanities- 12 Cr**
  1. Phil 343 – 3 credits
  2. Select additional 9 credits from LAS approved list on website and degree audit

- **Social Sciences - 9 Cr**
  Select credits form the LAS approved list on website and degree audit

- **** 3 cr. - U.S. Diversity
- **** 3 cr. - International Perspective

**Natural Sciences - 13 Credits**

Biol 211/212 + labs OR Chem 177/178 + labs OR Phys 221/222

**& Additional Science Reqmt.**

Anthr 202, Anthr 307, Bmb 221, Biol 204, Biol 258, Biol 312, Biol 355, Chem 163-231, Ent 370, Env S 324, Fs Hn 167, Gen 313, Gen 313L, Gen 320, Geol 100-111, Geol 201, Geol 451, Mat E 215 & 215L, Mteor 301, Psych 310, Phys 221 or Higher

**Coms 400 - 6 Credits**

400 Level Options

Select 2 courses, including at least one from Group 1 and an additional course from Group 1 or 2.

1) **Com S 402** (if 3 cr or more), 409, 417, 425, 430, 437, 461, 487, Se/CprE 416

2) **Com S 412, 418, 426, 433, 435, 440, 444, 454, 455, 472, 474, 477, 486, Math 481, CprE 431, CprE 458, CprE 489**

**GRADUATION REQUIREMENT**

8 credits from Computer Science must be at the 300+ level courses with a grade of “C” or better from ISU

**LAST 32 CREDITS must be taken at Iowa State University**

Adviser can waive six of the last 32 credits taken at Iowa State**

**ELECTIVE COURSES – Any course that is not remedial (can use minor or second major courses)**

**U.S. Diversity, International Perspective, Arts & Humanities, and Social Sciences approved course lists can be found on your degree audit, click on link for that particular requirement on your degree audit**