### Bachelor of Science in Interdisciplinary Studies with a faculty-initiated concentration in BIO-INSTRUMENTATION Major Academic Pathway (MAP) combined major/minor

**Fall Semester 1**
- ABio 120 \( \text{NS} \)
- AChm 120/130
- AChm 124
- Mat 108 \( \text{MS} \)
- Humanities Gen Ed \( \text{HU} \)
- Social Science Gen Ed \( \text{SS} \)

**Spring Semester 1**
- ABio 121
- AChm 121
- AChm 125
- AMAT 112
- UUni 110 \( \text{WCI} \)

**Summer 1**
- Consider coursework
- Look for a summer job in the area of your studies

**Fall Semester 2**
- APHY 140
- APHY 145
- ACHM 220
- ACHM 222
- ABio 201
- Foreign Language 1 \( \text{FL} \)
- International Perspectives Gen Ed \( \text{IP} \)

**Spring Semester 2**
- ABio 212
- ABio 217
- ABio 202Z
- Arts Gen Ed \( \text{AR} \)
- US Historical Perspectives Gen Ed \( \text{US} \)

**Summer 2**
- Look for shadowing opportunities

**Fall Semester 3**
- HSPH 201
- HBMS 310
- HBMS 312
- Challenges 21\textsuperscript{st} Century Gen Ed \( \text{CH} \)
- Upper level elective

**Spring Semester 3**
- HSPH 231
- HBMS 311
- HBMS 314
- Biotechnology Research Internship

**Summer 3**
- Alternative semester for Biotechnology Research Internship

**Fall Semester 4**
- HSPH 332
- HBMS 505
- Biotechnology Research Internship
- Elective
- Upper level elective

**Spring Semester 4**
- Bio-Instrumentation Cooperative Training Internship
- Elective
- Upper level elective
- Upper level elective
- Upper level elective

**Congratulations!**

Note – Summer 3 is also an option for the Biotech Research Internship, which means that students could complete their internships Spring 3/Summer 3/Fall 4 or Summer 3/Fall 4/Spring 4 instead of the pathway suggested above.

### General Education Requirements, for students matriculating Fall 2014

30 credits of General Education coursework, including one course from each of the following:

- \( \text{MS} \) Mathematics and Statistics
- \( \text{WCI} \) Writing and Critical Inquiry
- \( \text{AR} \) Arts
- \( \text{HU} \) Humanities
- \( \text{NS} \) Natural Sciences
- \( \text{SS} \) Social Sciences
- \( \text{US} \) U.S. Historical Perspectives
- \( \text{IP} \) International Perspectives
- \( \text{FL} \) Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)
- \( \text{CH} \) Challenges for the 21\textsuperscript{st} Century

**Note:** This is a suggested course sequence.