

Sample schedule of **required science courses** - BS in Biology – recommended for pre-professional students

| Student begins in an even-numbered fall semester | | Student begins in an odd-numbered fall semester | |
|---|--|---|--|
| Year One (even-numbered fall i.e. 2006-07 school year) | | Year One (odd-numbered fall i.e. 2007-08 school year) | |
| Fall | Spring | Fall | Spring |
| <u>Biological Concepts*</u> (every semester) | <u>Intro to Plant Kingdom</u> (every spring) | <u>Biological Concepts</u> (every semester) | <u>Intro to Plant Kingdom</u> (every spring) |
| Year Two (odd-numbered fall i.e. 2007-08 school year) | | Year Two (even-numbered fall i.e. 2008-09 school year) | |
| Fall | Spring | Fall | Spring |
| <u>Chemistry 105/125**</u> (every year-only fall) <u>Physics 1</u> (every year-fall&spring - math prerequisite) <u>Intro to Animal Kingdom</u> (every fall) | <u>Chemistry 106/126</u> (every spring) <u>Physics 2</u> (only spring) <u>Intro to Plant Kingdom</u> (every spring) | <u>Chemistry 105/125*</u> (every year-only fall) <u>Physics 1</u> (every year- fall&spring - math prerequisite) <u>Intro to Animal Kingdom</u> (every fall) | <u>Chemistry 106/126</u> (every spring) <u>Physics 2</u> (only spring) <u>Intro to Plant Kingdom</u> (every spring) |
| Year Three (even-numbered fall i.e. 2008-09 school year) | | Year Three (odd-numbered fall i.e. 2009-10 school year) | |
| Fall | Spring | Fall | Spring |
| <u>Organic Chemistry 1</u> (every other year - only fall) (Chemistry 106 prerequisite) <u>Ecology</u> (every fall) | <u>Organic Chemistry 2</u> (every other spring) | <u>Cell Biology</u> (every other fall) (Chemistry prerequisite) <u>Ecology</u> (every fall) | <u>Genetics</u> (every other spring) (Chemistry prerequisite) |
| Year Four (odd-numbered fall i.e. 2009-10 school year) | | Year Four (even-numbered fall i.e. 2010-11 school year) | |
| Fall | Spring | Fall | Spring |
| <u>Cell Biology</u> (every other fall) (Chemistry prerequisite) | <u>Genetics</u> (every other spring) (Chemistry prerequisite) | <u>Organic Chemistry 1</u> (every other year - only fall) (Chemistry 106 prerequisite) | <u>Organic Chemistry 2</u> (every other spring) |

This chart includes only the specific required courses. Electives in biology are also required. See your NSM advisor.

* Prerequisite for all other biology courses.

** This chemistry sequence is very critical since it is a prerequisite for organic chemistry.

