



NORTHERN ILLINOIS UNIVERSITY

College of Liberal Arts and Sciences

Department of Biological Sciences

Major: Biological Sciences

Degree: B.S.

Date Revised: October 19, 2012

Student Learning Outcomes and proposed Methods for collecting data (from assessment plan/status report)

| Student Learning Outcomes | |
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| 1 | Proficiency in 5 major areas of biology in line with national standards. 1. Evolution/Diversity/Ecology 2. Cell and Molecular Biology 3. Genetics 4. Biological reasoning and critical thinking 5. Data analysis and technology |
| 2 | Effective scientific communication skills. |
| 3 | Execution of laboratory and field research skills. |
| 4 | Proficiency in critical thinking. |
| 5 | Appropriate use of the scientific method. |
| 6 | Technical writing proficiency |
| 7 | An intention/commitment to pursue vocational or professional biological science-related careers upon completion of the BS program |

| Methods of Assessment |
|---|
| <ul style="list-style-type: none">• Comprehensive Examination (1,2,4,6)• Writing Assessment (2,6)• University Writing Project (2,6)• Mentored Laboratory/Field Research (1-6)• Senior Exit Survey (7)• Alumni Survey (7) |

