

**STUDENT LEARNING ASSESSMENT PROGRAM**  
**SUMMARY FORM AY 2004-2005**

**Degree and Program Name:**

B.S. Science with Teacher Certification  
 Biological Sciences Specialization

**Submitted By:**

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Please complete a separate worksheet for each academic program (major, minor) at each level (undergraduate, graduate) in your department. Worksheets are due to CASA this year by **June 1**. Worksheets should be sent electronically to [cskjs@eiu.edu](mailto:cskjs@eiu.edu) and should also be submitted to your college dean. For information about assessment or help with your assessment plans, visit the Assessment webpage at <http://www.eiu.edu/~assess/> or contact Karla Sanders in CASA at 581-6056.

**PART ONE**

What are the learning objectives?	How, where, and when are they assessed?	What are the expectations?	What are the results?	Committee/ person responsible? How are results shared?
1. Students will demonstrate appropriate content knowledge in reading, math and grammar.	Students take the Illinois Teacher Certification Basic Skills Test as provided by the Illinois State Board of Education during their freshman or sophomore year. Tests are offered periodically throughout the calendar year.	75% of students taking the test will receive a passing score the first time.	100% of students passed the exam the first time during the 2004-2005 academic year.	Biological Sciences Teacher Certification Coordinator  Test results are reported to the Chair of Biological Sciences and the Biological Sciences Teacher Certification Committee.
2. Students will demonstrate appropriate content knowledge in the biological sciences.	Students take the Illinois Teacher Certification Content Test in Biological Sciences (test # 035) as provided by the Illinois State Board of Education during their senior year. Tests are offered periodically throughout the calendar year.	75% of students taking the test will receive a passing score the first time. A 70% composite score from six sub-area tests is considered passing.	75% (n=3/4) of students passed the exam the first time Fall Semester 2004.  100% of students passed the exam in either the first or second attempt (n=9/9) during the 2004-2005 academic year.	Biological Sciences Teacher Certification Coordinator  Test results are reported to the Chair of Biological Sciences and the Biological Sciences Teacher Certification Committee.
3. Students will demonstrate their ability to create activity based secondary science	Students will be assessed in BIO 3400 on their abilities to demonstrate appropriate	90% of students will receive a passing grade of C or higher in BIO 3400 and receive a	100% of students enrolled in BIO 3400 Spring Semester 2004 received a grade of C	Biological Sciences Teacher Certification Coordinator.

<p>lessons and unit plans, to plan and schedule units of science instruction for one school year, to safely maintain and manage laboratory scenarios in a secondary science laboratory, to identify and implement activities germane to secondary science instruction, and to implement and evaluate student progress by traditional assessment vehicles.</p>	<p>strategies, methods, and organizational skills for teaching secondary science courses to include student evaluation, planning, preparation and use of appropriate laboratory/activity based instruction.</p> <p>Assessment is based on written lesson and unit plans, construction of various types of assessment for presentations of lessons during class and construction of course of study for a secondary science course in either biological sciences, chemistry, geology/geography or physics depending upon the students major field of study.</p>	<p>passing grade for STG 4001 or SED 4000.</p>	<p>or higher and received a passing grade in STG 4001 or SED 4000.</p>	<p>The Department of Student Teaching relays progress reports of students to the Biological Sciences Teacher Certification Coordinator.</p> <p>Results are reported to the Chair of Biological Sciences and the Biological Sciences Teacher Certification Committee.</p>
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(Continue objectives as needed. Cells will expand to accommodate your text.)

**PART TWO**

Describe what your program’s assessment accomplishments since your last report was submitted. Discuss ways in which you have responded to the CASA Director’s comments on last year’s report or simply describe what assessment work was initiated, continued, or completed.

Objective 3 has been expanded to include more specific objectives for BIO 3400. The program seems to be working based on successful completion of the content exam and student teacher success rates.

### **PART THREE**

Summarize changes and improvements in **curriculum, instruction, and learning** that have resulted from the implementation of your assessment program. How have you used the data? What have you learned? In light of what you have learned through your assessment efforts this year and in past years, what are your plans for the future?

Since the ISBE continues to dictate our curriculum based on passing required certification exams, and, since student success rate thus far for passing content exams and passing student teaching practicum is high, we do not proposed any changes at this time.