



Student Enrollment and Success Plan: 2014-2017

Department: Center for Science Education

Department Chair: Carolyn Wallace, Director

Department Mission: To provide top quality, research-based programs and courses to prepare potential elementary, middle and high schools science teachers for effective science teaching careers in Indiana and beyond. Our faculty will undertake research to create new knowledge for the academic community in science education, utilize research findings in teaching, and provide service and outreach for science education at all levels, including pre-K-12, college, and parent audiences.

Department Enrollment Goal(s):

1. To increase the number of Science Education majors to 20 by Fall 2017.
2. To increase the number of second majors in Science Education entering the program with completed B.S. degrees in a science field.

Action Steps (with dates & person(s) responsible):

- A. For Goal 1:
 - a. Work with Admissions to provide information specifically about Science Education when visiting high schools for recruitment talks. January, 2014. Carolyn Wallace, Director.
 - b. Visit pre-requisite education classes (e.g., EPSY 202 and EPSY 341) to inform students who want to be a teacher, but may be undecided as to the subject, about the science education program and high job potential for the major. Each March and October, starting 2014. Carolyn Wallace, Director.
 - c. Coordinate with the science department chairs to arrange visits to popular freshman classes (Biology 101/102 and Chemistry 105/106) to provide information about and recruit for the major. Fall 2014; Carolyn Wallace, Director.
- B. For Goal 2:
 - a. Conduct an annual open house and invite all science majors to attend and gain information about obtaining a second major in Science Education. Each November, beginning 2014; Carolyn Wallace, Director

<i>Total Enrollment Benchmarks</i>	Fall 2013 Baseline:	Fall 2014:	Fall 2015:
	16	17	18
	Fall 2016:	Fall 2017:	
	19	20	

Other Enrollment Related Benchmarksⁱ

Have at least 10 science majors attend Science Education's open house each year from 2014-2017.

Department Retention Goal(s):

To increase Science Education majors' retention by 4% annually through Fall 2017.

Action Steps (with dates & person(s) responsible):

- A. Work with University College advisor to insure our new majors are registering for the correct courses that will help them matriculate through the major. Each November and April, beginning Fall, 2014; Carolyn Wallace, Director.
- B. Invite new freshman for lunch, departmental tour, and information session during their first fall. Target date for completion: Each October, beginning Fall, 2014; Eulsun Seung.
- C. Make certain that all of our advisees, but especially first and second year students, know about free tutoring opportunities available in the various science and math departments and the Math and Writing Center in the library. Target date for completion: Each October, beginning Fall, 2013. Person responsible: Eulsun Seung.
- D. Create a spreadsheet of all our former majors who have dropped out of our program. Try to determine the reason(s) for discontinuing the Science Ed program. November 2014 and continuing; Carolyn Wallace, Director

<i>Retention Benchmarks</i>	Fall 2013 Baseline: 50%	Fall 2014: 54%	Fall 2015: 58%
	Fall 2016: 62%	Fall 2017: 66%	

Other Retention Related Benchmarks

None

Department Completion Goal(s):

To increase the 6-year completion rate for Science Education majors by 4% annually through Fall 2017.

Action Steps (with dates & person(s) responsible):

- A. Have all advisors trained on MySAM by Spring, 2014; Carolyn Wallace, Director.
- B. Actively use MySAM in advising sessions, including updating the degree plans, and discussing these plans with advisees. Spring 2014; Carolyn Wallace, Director

<i>Completion Benchmarks</i>	Fall 2013 Baseline: 50%	Fall 2014: 54%	Fall 2015: 58%
	Fall 2016: 62%	Fall 2017: 66%	

Other Completion Related Benchmarks

None

Post-College Achievement Goal(s) (e.g., employment & graduate school):

1. To work with the Career Center to develop benchmark data for employment and admission to graduate programs for all Science Education graduates within 6 months of graduation.
2. To increase the number of graduates obtaining teaching positions within one year of graduation by 2% annually.

Action Steps (with dates & person(s) responsible):

- A. Conduct exit survey during the final semester prior to graduation to determine graduating seniors' career plans. May, 2014 and ongoing; Eulsun Seung.
- B. Create a spreadsheet of graduating seniors, whether teacher licensure was conferred, and place of employment. Each October and April, starting 2014; Carolyn Wallace, Director.

<i>Employment & Graduate School Benchmarks</i>	Fall 2013 Baseline: N/A	Fall 2014: Baseline Set	Fall 2015: +2%/+2%
	Fall 2016: +2%/+2%	Fall 2017: +2%/+2%	

Other Goal(s) and Action Stepsⁱⁱ:

None

ⁱ *Note on Other Enrollment, Retention, and Completion Benchmarks:* Departments are encouraged to develop other benchmarks as may be relevant to measuring progress toward goal achievement.

ⁱⁱ Departments may have other goals that do not fit into the four areas previously indicated or adequately subsumable as an action step within one of the four goal areas. They may be placed here.