

**PEPS BS PROGRAM STUDENT LEARNING OUTCOMES (SLO)** - Modified 10/16/08

	<u>Unsatisfactory</u>	<u>Satisfactory</u>	<u>Exceptional</u>
<p>1. Student will demonstrate growth in the ability to analyze and communicate an environmental issue.</p> <p><b><u>Benchmark #1:</u></b> 75% of PEPS 210 students will demonstrate a grade increase from first draft to final draft on PEPS 210 course case study.</p>	Less than 70% final grade on PEPS 210 case study; or less than C grade in 310 or 451	70-79% final grade on PEPS 210 case study; or C grade in 310 or 451	80%+ final grade on PEPS 210 case study; or B grade or better in 310 or 451
2. Student will recognize and be able to explain the biology of at least 10 insect orders	Less than C grade in PEPS 363 and 363L	C grade in PEPS 363 and 363L	B grade or better in PEPS 363 and 363L
3. Student will recognize and be able to describe biology and management methods for at least five significant plant pathogens in each category: Fungi, viruses, bacteria, nematodes	Less than C grade in PEPS 405	C grade in PEPS 405	B grade or better in PEPS 405
4. Student will be able to describe the biology and damage of at least 5 invasive insects, pathogens, or plants (weeds), and explain the limitations and ethical implications of control strategies.	Less than C grade in PEPS 350, 421, or 422	C grade in PEPS 350, 421, or 422	B grade or of better in PEPS 350, 421, or 422
5. Student will be able to explain and provide examples economic injury level and threshold based pest management options.	Less than C grade in PEPS 421 or 422	C grade in PEPS 421 or 422	B grade or better in PEPS 421 or 422
6. Student will demonstrate ability to apply skills learned to a “real world” situation or employment experience and effectively describe the experience (communication skills).	Less than C grade in PEPS 495 Capstone.	C grade in PEPS 495 Capstone.	B grade or better in PEPS 495 Capstone.
<p>7. Student will demonstrate ability to clearly communicate results of self analysis and critical thinking.</p> <p><b><u>Benchmark #2:</u></b> 80% of students completing PEPS 495 will describe program benefits and limitations, and make clear suggestions for program improvement in their Capstone report.</p>	No evaluation of PEPS program in PEPS 495 Capstone report.	Description of benefits of PEPS program in PEPS 495 Capstone report.	Description of benefits and limitations and clear suggestions for improvement of PEPS program in PEPS 495 Capstone report.