

PROPOSAL TO CREATE NEW PLANT PROTECTION MINOR

ENT 322	General and Applied Entomology	4
PLSC 338	Weed Control	4
PLP 415	Plant Pathology	3
	ENT, PLP, or PLSC courses ¹	9

¹Suggested courses: PLSC 410, PLSC 438, ENT/PLSC Electives

Courses to total 20 credits for this minor

PROGRAM COMPONENT (Group B) OR NON-SUBSTANTIVE MINOR REQUEST FORM (Short Form)

Instructions: Please use one form for each request/action. Clearly mark all changes using either (1) Track Change or (2) strikethroughs for deletions and underlines for additions. Following the approval of the appropriate college curriculum committee, the **department chair** will e-mail the completed form to gracemiller@uidaho.edu.

Deadline: This form must be submitted by October 1 for inclusion in the next available General Catalog and to be available for scheduling beginning with the next summer session.

When applicable, a Curriculum Change Form and Course Approval Forms must accompany the short form.

Submission Information

This section must be completed

Dept Chair Name:	Edwin Lewis	Email:	eelewis@uidaho.edu
College:	College of Agriculture and Life Sciences		
Department/Unit:	Department of Entomology, Plant Pathology and Nematology		
Dept/Unit Approval Date:	9/28/2018	Vote Record:	12 yes (4 did not respond)
College Approval Date:	10/1/2018	Vote Record:	Unanimous
Primary Point of Contact:	Brenda K. Schroeder	Email:	bschroeder@uidaho.edu
Briefly describe the change you are requesting:	Requesting to add a new minor in Plant Protection for the B.S. in Entomology degree		

What is the financial impact of the requested change?

Greater than \$250,000 per FY:	<input type="checkbox"/>	X	Less than \$250,000 per FY:	<input type="checkbox"/>
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****Note: If financial impact is greater than \$250,000, you must complete a Program Proposal form.**

The courses required for this minor are already offered within the EPPN department and being delivered. There is no additional financial impact.

Rationale for Program Component Request or Name Change

This section must be completed

Explain the change you are requesting, and provide a rationale for this request. Include an explanation of how the department will manage the added workload for a new program component; describe whether the program component curriculum and admissions requirements remain the same; describe the rationale for a name change or degree designation change, if applicable.

In 2016 the documents were submitted for the bifurcation of Plant Sciences and Entomology, Plant Pathology and Nematology. In those documents was stated that EPPN would put forward a BS. in Entomology. This document is being put forward and the documents is to request the addition of a minor in Plant Protection for this degree.

Name or Degree Change Only Requests

Leave blank if not making a name and/or degree change only request

This section to be completed **ONLY** for changes to the name of: degree, major, minor, option, emphasis, certificate, teaching endorsement.

Current Name:	
New Name:	
Current Degree:	
New Degree:	
Other Details:	
Effective Date:	

Please indicate if any course or curriculum changes are occurring as a result of this name or degree change request: Yes No

If there are accompanying curriculum or course changes, complete the next section and attach the curriculum and/or course forms.

Note: A substantive change to a program degree, major, or program component may require a program proposal form.

Please indicate whether 25% or more of the program learning outcomes are changing: Yes No

Note: If you answered YES to this question, complete the table below:

	List Old Learning Outcomes	New Learning Outcome, if changed (if no change, write N/A and move to next outcome)	New Direct Measure (list student work product and explain how it will be evaluated)	Have you updated the assessment cycle to include this change? (yes/no)
SLO#1				
SLO#2				
SLO#3				
SLO#4				
SLO#5				

Program Component Request

Leave blank if not adding, discontinuing, or modifying a program component. Program components consist of option, emphasis, minor, academic certificate less than 30 credits, or teaching endorsement

Clearly mark all changes to existing program components by using either (1) Track Change or (2) strikethroughs for deletions and underlines for additions. A curriculum change form and/or course approval forms associated with this request are required to be submitted with this short form.

X	Create New		Discontinue	Implementation Date:	July 2019		
	Graduate Level	X	Undergraduate Level	Law Level	Credit Requirement:	20	
Are new courses being created: (circle your response)				No	X	Yes	If yes, how many courses will be created:

If the request is for an option or emphasis, enter the associated major and degree:

Major:	Entomology	CIP Code:	01.1105	Degree:	BS
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Enter the name of the program component in the appropriate row:

Option:	
Emphasis:	
Minor:	Plant Protection
Academic Certificate less than 30 credits:	
Teaching Endorsement (Major/Minor):	

Provide a summary/description of the program component using 50 words or less:

Plant Protection Minor will provide students with an education focused on aspects of Plant Protection including the knowledge of plant, insect and weed pests and the theories of management to control them.

Learning Outcomes and Assessment Information

This section must be completed if program component request section is completed

- List the intended learning outcomes for the program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program:
Desired Learning Outcomes thus are as follows:
A Understanding of the critical scientific principles and concepts of Plant Protection including the knowledge of plant, insect and weed pests and the theories of management to control them. The ability to apply these

concepts to real-life situations and the ability to analyze and critically evaluate scientific information published in respect to Plant Protection.

B. Demonstrate ability to clearly express and discuss scientific concepts with in both a classroom and work environment using oral and written communication skills.

Outcomes (A) align with UI Outcomes (1) Learn and Integrate, (2) Communicate, (3) Clarify Purpose and Perspective, and (4) Practice Citizenship; Outcomes (B) align with UI Outcomes (1) Learn and Integrate, (2) Think and Create, and (3) Communicate.

2. Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component:

Direct Measure Process (per our current protocols and metrics):

A. Ability to apply disciplinary knowledge to broader scientific and societal issues, including the knowledge of plant pathogens and disease management, this will be assessed within specific exam questions that faculty agree will assess the principles and concepts of Plant Protection including the knowledge of plant, insect and weed pests and the theories of management to control them.

B. Demonstrated ability to apply academic knowledge to real-world problems and controversies using case studies in Senior Experience Capstone course (ENT/PLSC/SOIL 438); performance on parts of standardized exams including essay questions that assess ability to integrate and synthesize various concepts and their presentations will be evaluated for oral communication skills.

Indirect Measure Process (per our current protocols and metrics):

A. Successful completion of internships with various employers around the region; numbers of students participating in clubs/organizations and service learning, student evaluations of teaching; student grades in core courses, including performance on lecture exams, laboratory exams, class projects, and term papers.

B. Exit interviews with graduating seniors, including overall assessment of degree program, internships, student clubs/organizations, and opportunities for service learning activities.

3. How will you ensure that the assessment findings will be used to improve the program?

We anticipate that the Curriculum Committee for the Department of Entomology, Plant Pathology and Nematology will be charged with interpretation of annual Learning Outcome metrics for all EPPN instructional programs and that will recommend specific policy for consideration and implementation by the EPPN Administrator. An underpinning objective will be to contribute to UI Strategic Plan Goals for Undergraduate enrollment.

4. What direct and indirect measures will be used to assess student learning?

Direct Benchmarks (per our current protocols and metrics):

Majority of students in Senior Experience Capstone course display demonstrate ability to critically analyze and report on case studies; at least 80% of students pass standardized tests; at least 80% of employers are satisfied with performance of student interns; at least 75% of students actively participate in club/organization and/or service learning activities.

Indirect Benchmarks (per our current protocols and metrics):

At least 80% of employers and students report overall satisfaction with internship experience; student evaluations of course and instructor quality in courses required by major and emphasis areas are 3 or higher; students receive a grade of C or higher in all courses required by major and emphasis areas.

5. When will assessment activities occur and at what frequency?

Learning Outcomes Assessment will occur throughout the academic year. Metrics will be reported annually during September for the prior Academic Year

Distance Education Availability

This section must be completed if program component request section is completed

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU), the University of Idaho must declare whether 50% or more of the curricular requirements of a program may be completed via distance education. **If the program component is to be offered via distance education, additional or different formwork may be required.** Contact provost@uidaho.edu for assistance.

The U.S. Department of Education defines distance education as follows:
Distance education means education that uses one or more of the technologies listed below to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor, either synchronously or asynchronously. The technologies may include--

- (1) *The internet;*
- (2) *One-way and two-way transmissions through open broadcast, closed circuit, cable, microwave, broadband lines, fiber optics, satellite, or wireless communications devices;*
- (3) *Audio conferencing; or*
- (4) *Video cassettes, DVDs, and CD-ROMs, if the cassettes, DVDs, or CD-ROMs are used in a course in conjunction with any of the technologies listed in paragraphs (1) through (3).*

Can 50% or more of the curricular requirements of this program component be completed via distance education?	Yes*		No	x
*If Yes, can 100% of the curricular requirements of this program component be completed via distance education?	Yes		No	

Geographical Area Availability

This section must be completed if program component request section is completed

Identify the geographical area(s) this program component can be completed in:

Moscow	X		
Coeur d'Alene			
Boise*			
Idaho Falls*			
Other**		Location(s):	

*Note: Programs offered in locations other than Moscow may require additional formwork from the State Board of Education. Contact the Office of the Provost and Executive Vice President for additional information.

**Note: If Other is selected, identify the specific area(s) this program component will be offered.