

Cover Sheet: Request 16020

EY Urban Pest Management Catalog Change COP 3504 to ENY 2890

Info

Process	Specialization New/Modify/Close Ugrad
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Rebecca Baldwin baldwinr@ufl.edu
Created	3/26/2021 1:31:50 PM
Updated	4/13/2021 8:36:51 AM
Description of request	COP 3504 is no longer offered at UF, so to fill the three credit deficit, ENY 2890 would be added as a requirement for Entomology and Nematology majors with a specialization in Urban Pest Management. ENY 2890 - Using Insect Research to Understand the Nature of Scientific Engagement COP 3504 - Advanced Programming Fundamentals

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Entomology and Nematology 60140000	Heather Mcauslane		3/26/2021
ENT_NEM 8-semester plan modification - 3-25-21[97].docx					3/26/2021
College	Approved	CALS - College of Agricultural and Life Sciences	Joel H Brendemuhl	Approved by Associate Dean Joel Brendemuhl.	3/29/2021
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		4/13/2021
No document changes					
University Curriculum Committee	Commented	PV - University Curriculum Committee (UCC)	Casey Griffith	Added to April agenda.	4/13/2021
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			4/13/2021
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Specialization|Modify for request 16020

Info

Request: EY Urban Pest Management Catalog Change COP 3504 to ENY 2890

Description of request: COP 3504 is no longer offered at UF, so to fill the three credit deficit, ENY 2890 would be added as a requirement for Entomology and Nematology majors with a specialization in Urban Pest Management.

ENY 2890 - Using Insect Research to Understand the Nature of Scientific Engagement

COP 3504 - Advanced Programming Fundamentals

Submitter: Rebecca Baldwin baldwinr@ufl.edu

Created: 3/26/2021 1:09:11 PM

Form version: 1

Responses

Specialization Name Urban Pest Management

Specialization Code EY

Effective Term Earliest Available

Effective Year Earliest Available

Is this an Undergraduate Innovation Academy Program Yes

Current Curriculum for Specialization EY_BS07

Semester One Credits

Quest 1 (Gen Ed Humanities) 3

Select one: 3-4

BSC 2010

& 2010L

Integrated Principles of Biology 1

and Integrated Principles of Biology Laboratory 1 (Critical Tracking; Gen Ed Biological Sciences)

BOT 2010C

Introductory Botany (Critical Tracking)

Select one: 3

ENC 1101

Expository and Argumentative Writing

ENC 2210

Technical Writing

ENC 3254

Professional Writing in the Discipline (State Core Gen Ed Composition; Writing Requirement)

MAC 1147

Precalculus Algebra and Trigonometry (Critical Tracking; State Core Gen Ed Mathematics)

4

Elective 1

Credits 14-15

Semester Two

BSC 2011

& 2011L

Integrated Principles of Biology 2

and Integrated Principles of Biology Laboratory 2 (Critical Tracking; Gen Ed Biological Sciences)

4

CHM 1025

Introduction to Chemistry (if needed; or select an elective) 2
Gen Ed Composition; Writing Requirement 3
State Core Gen Ed Social and Behavioral Sciences
3

Credits 12

Semester Three

Quest 2 (Gen Ed International or Diversity) 3

AEC 3030C

Effective Oral Communication 3

CHM 2045

& 2045L

General Chemistry 1

and General Chemistry 1 Laboratory (Critical Tracking; State Core Gen Ed Physical Sciences)

4

State Core Gen Ed Humanities

3

Credits 13

Semester Four

Select one: 3-4

AEB 2014

Economic Issues, Food and You

ECO 2023

Principles of Microeconomics (Gen Ed Social and Behavioral Sciences)

AEC 3033C

Research and Business Writing in Agricultural and Life Sciences 3

COP 3504

3

Select one: 3

PHY 2004

Applied Physics 1 (Critical Tracking)

PHY 2020

Introduction to Principles of Physics (Critical Tracking; Gen Ed Physical Sciences)

PHY 2004L

Laboratory for Applied Physics 1 (or select an elective) 1 1

Credits 13-14

Summer After Semester Four

ENY 3005

& 3005L

Principles of Entomology

and Principles of Entomology Laboratory (Gen Ed Biological Sciences; must be taken on campus)

3

ENY 3222C

Biology and Identification of Urban Pests 3

Approved Business elective 3

Credits 9

Semester Five

ENY 4161

Insect Classification (must be taken on campus)3

Select one: 4

MCB 2000

& 2000L

Microbiology

and Microbiology Laboratory

PLP 3002C
Fundamentals of Plant Pathology

ORH 3513C
Environmental Plant Identification and Use 3

STA 2023
Introduction to Statistics 1 3
Credits 13

Semester Six
BCN 1210
Construction Materials 3
Select one: 3-5
FOS 4222
& 4222L
Food Microbiology
and Food Microbiology Laboratory

SWS 3022
Introduction to Soils in the Environment

IPM 3022
Fundamentals of Pest Management (Critical Tracking) 3
Approved elective (Critical Tracking; Gen Ed International or Diversity) 3
Credits 12-14

Summer After Semester Six
ENY 3225C
Principles of Urban Pest Management 3
ENY 4230
Urban Pesticide Application 3
Approved Business elective 3
Credits 9

Semester Seven
ENY 4660
& 4660L
Medical and Veterinary Entomology
and Medical and Veterinary Entomology Laboratory (Critical Tracking; must be taken on campus)
3

NEM 3002
Principles of Nematology 3
PLS 4601C
Principles of Weed Science 3
Approved Business elective 3
Credits 12

Semester Eight
BCN 3223C
Soils and Concrete 3
EVS 3000
Environmental Science 3
ENY 4453
Behavioral Ecology and Systematics (Critical Tracking) 3
Approved Business elective 4
Credits 13
Total Credits 120-124

1 Select an elective if PHY 2020 was taken.

Proposed Changes Semester 4

Change COP 3504 to ENY 2890

UF Online curriculum change No

Pedagogical Rationale/Justification COP 3504 is no longer offered.

The original intention, more than 20 years ago when this specialization was created, was to have a course that would allow students to utilize computers. COP 3504 was a programming course, that at that time, provided programming skills students could use to develop a database that could be used to evaluate an integrated pest management program. Students today have a variety of software packages available to fill this need. They still need to be able to make observations, and collect and report the data into a database, so the entomology undergraduate committee recommends that ENY2890, a CURE course, take the place of the COP course that is no longer offered. ENY2890 is a classroom based research experience that includes data collection and evaluation. The course is taught in fall and spring, and would fill the need for this educational area for the Urban Pest Management Specialization.

Impact on Other Programs None anticipated.

*Note that the mathematics general education requirement is met with MAC1147 and STA2023 for students in this specialization.

Assessment Data Review No changes.

Academic Learning Compact and Academic Assessment Plan None

Catalog Copy Yes

Semester One		Credits
Quest 1 (Gen Ed Humanities)		3
Select one:		3-4
BSC 2010	Integrated Principles of Biology 1	
†& 2010L	†and Integrated Principles of Biology Laboratory 1 (Critical Tracking ; Gen Ed Biological Sciences)	
BOT 2010C	Introductory Botany (Critical Tracking)	
Select one:		3
ENC 1101	Expository and Argumentative Writing	
ENC 2210	Technical Writing	
ENC 3254	Professional Writing in the Discipline (State Core Gen Ed Composition ; Writing Requirement)	
MAC 1147	Precalculus Algebra and Trigonometry (Critical Tracking ; State Core Gen Ed Mathematics)	4
Elective		1
	Credits	14-15
	Semester Two	
BSC 2011	Integrated Principles of Biology 2	
†& 2011L	†and Integrated Principles of Biology Laboratory 2 (Critical Tracking ; Gen Ed Biological Sciences)	4
CHM 1025	Introduction to Chemistry (if needed; or select an elective)	2
Gen Ed Composition; Writing Requirement		3
State Core Gen Ed Social and Behavioral Sciences		3
	Credits	12
	Semester Three	
Quest 2 (Gen Ed International or Diversity)		3
AEC 3030C	Effective Oral Communication	3
CHM 2045	General Chemistry 1	
†& 2045L	†and General Chemistry 1 Laboratory (Critical Tracking ; State Core Gen Ed Physical Sciences)	4
State Core Gen Ed Humanities		3
	Credits	13
	Semester Four	
Select one:		3-4
AEB 2014	Economic Issues, Food and You	
ECO 2023	Principles of Microeconomics (Gen Ed Social and Behavioral Sciences)	
AEC 3033C	Research and Business Writing in Agricultural and Life Sciences	3
ENY 2890	<u>Using Insect Research to Understand the Nature of Scientific Engagement</u>	3
Select one:		3
PHY 2004	Applied Physics 1 (Critical Tracking)	
PHY 2020	Introduction to Principles of Physics (Critical Tracking ; Gen Ed Physical Sciences)	
PHY 2004L	Laboratory for Applied Physics 1 (or select an elective)	1
	1	
	Credits	13-14
	Summer After Semester Four	
ENY 3005	Principles of Entomology	
†& 3005L	†and Principles of Entomology Laboratory (Gen Ed Biological Sciences; must be taken on campus)	3
ENY 3222C	Biology and Identification of Urban Pests	3
Approved Business elective		3
	Credits	9
	Semester Five	

	Semester Five	
ENY 4161	Insect Classification (must be taken on campus)	3
Select one:		4
MCB 2000	Microbiology	
PLP 3002C	Plant and Microbiology Laboratory Fundamentals of Plant Pathology	
ORH 3513C	Environmental Plant Identification and Use	3
STA 2023	Introduction to Statistics 1	3
	Credits	13
	Semester Six	
BCN 1210	Construction Materials	3
Select one:		3-5
FOS 4222	Food Microbiology	
SWS 3022	Plant and Food Microbiology Laboratory Introduction to Soils in the Environment	
IPM 3022	Fundamentals of Pest Management (Critical Tracking)	3
Approved elective (Critical Tracking ; Gen Ed International or Diversity)		3
	Credits	12-14
	Summer After Semester Six	
ENY 3225C	Principles of Urban Pest Management	3
ENY 4230	Urban Pesticide Application	3
Approved Business elective		3
	Credits	9
	Semester Seven	
ENY 4660	Medical and Veterinary Entomology	
4660L	Plant and Medical and Veterinary Entomology Laboratory (Critical Tracking ; must be taken on campus)	3
NEM 3002	Principles of Nematology	3
PLS 4601C	Principles of Weed Science	3
Approved Business elective		3
	Credits	12
	Semester Eight	
BCN 3223C	Soils and Concrete	3
EVS 3000	Environmental Science	3
ENY 4453	Behavioral Ecology and Systematics (Critical Tracking)	3
Approved Business elective		4
	Credits	13
	Total Credits	120-124