

Cover Sheet: Request 13663

Update to Horticultural Production 8-semester plan

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Gerardo Nunez Villegas g.nunez@ufl.edu
Created	2/23/2019 11:36:25 AM
Updated	2/26/2019 11:15:55 AM
Description of request	Update HOS-PRO 8-semester plan to accommodate a recent update on a required course.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Horticultural Sciences 514923000	Christine Chase		2/23/2019
No document changes					
College	Approved	CALS - College of Agricultural and Life Sciences	Joel H Brendemuhl	Approved by Joel H. Brendemuhl.	2/25/2019
Horticultural Production - 8 semester plan.docx					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		2/26/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/26/2019
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 13663

Info

Request: Update to Horticultural Production 8-semester plan

Description of request: Update HOS-PRO 8-semester plan to accommodate a recent update on a required course.

Submitter: Gerardo Nunez Villegas g.nunez@ufl.edu

Created: 2/23/2019 11:26:38 AM

Form version: 1

Responses

Major Name Horticultural Production

Major Code PRO

Degree Program Name Horticultural Science

Undergraduate Innovation Academy Program No

Effective Term Earliest Available

Effective Year Earliest Available

Current Curriculum for Major Semester One

IDS 1161 - What is the Good Life (Gen Ed Humanities) (3)

MAC 1147 Precalculus Algebra and Trigonometry (Critical Tracking; State Core Gen Ed Mathematics) (4)

State Core Gen Ed Composition; Writing Requirement (3)

State Core Gen Ed Social and Behavioral Sciences (3)

Elective(2)

Semester Two

Select one: AEB 2014 - Economic Issues, Food and You (Gen Ed Social and Behavioral Sciences) (3)
or

ECO 2013 - Principles of Macroeconomics (Gen Ed Social and Behavioral Sciences) (4) or

ECO 2023 - Principles of Microeconomics (Gen Ed Social and Behavioral Sciences) (4)

CHM 2045 & 2045L General Chemistry 1 and General Chemistry 1 Laboratory (Critical Tracking; State Core Gen Ed Biological Sciences and Physical Sciences) (4)

State Core Gen Ed Humanities (3)

Electives (5)

Semester Three

AEC 3033C - Research and Business Writing in Agricultural and Life Sciences (Writing Requirement) (3)

Select one: BOT 2010C - Introductory Botany (Critical Tracking; Gen Ed Biological Sciences and Physical Sciences) (4) or

BSC 2010 & 2010L Integrated Principles of Biology 1 (3) and Integrated Principles of Biology Laboratory 1 (1) (Critical Tracking; Gen Ed Biological Sciences and Physical Sciences)

Gen Ed Composition; Writing Requirement (3)

Gen Ed Mathematics (2)

Electives (4)

Semester Four

AEC 3030C Effective Oral Communication (3)

Select one: BOT 2011C - Plant Diversity (Critical Tracking; Gen Ed Biological Sciences) (4) or

BSC 2011 & 2011L 0 Integrated Principles of Biology 2 (3) and Integrated Principles of Biology Laboratory 2 (Critical Tracking; Gen Ed Biological Sciences) (1)

Select one: PHY 2004 - Applied Physics 1 (Critical Tracking; Gen Ed Physical Sciences) (3) or
PHY 2020 - Introduction to Principles of Physics (Critical Tracking; Gen Ed Physical Sciences) (3)

Electives (5)

Semester Five

HOS 3020 - Principles of Horticultural Crop Production (3)

PLP 3002C - Fundamentals of Plant Pathology (4)

PLS 4601C - Principles of Weed Science (3)

Approved electives (4)

Semester Six

ENY 3005 & 3005L - Principles of Entomology and Principles of Entomology Laboratory (3)

HOS 3430C - Nutrition of Horticultural Crops (3)

HOS 4933 - Professional Development in Horticulture (1)

Approved electives (6)

Commodity elective (3)

Semester Seven

AGR 3303 – Genetics (3)

HOS 4304 - Horticultural Physiology (3)

Commodity electives (7)

Select 1-3 credits from practical work experiences:

HOS 4905 - Independent Study in Horticultural Science, or

HOS 4941 - Practical Work Experience in Horticultural Sciences

Semester Eight

HOS 4341 - Advanced Horticultural Physiology

(3)

SWS 3022 & 3022L - Introduction to Soils in the Environment and Introduction to Soils in the
Environment Laboratory (4)

Approved electives (6)

PLS 3223 & 3223L - Plant Propagation and Plant Propagation Laboratory (3)

Total Credits 120

Proposed Curriculum Changes - Replace HOS3020 - Principles of Horticultural Crop Production (3 credits) with HOS3020C - Principles of Horticultural Crop Production (4 credits).

- Change approved electives in semester five from 4 credits to 3 credits.

Pedagogical Rationale/Justification HOS3020 (3 credits) was recently updated to HOS3020C (4 credits) to increase and enhance experiential learning in the course and in the major. The proposed change updates our 8-semester plan to accommodate this course update.

Impact on Enrollment, Retention, Graduation No impacts on enrollment, retention, and graduation rates are expected.

Assessment Data Review Student evaluations for HOS3020 have consistently called for more hands-on activities in the teaching garden. HOS3020 (3 credits) was updated to HOS3020C (4 credits) to facilitate more experiential learning. The proposed change updates our 8-semester plan to accommodate this course update.

Academic Learning Compact and Academic Assessment Plan The proposed change does not affect the Academic Learning Compact for the program.

HORTICULTURAL SCIENCE | HORTICULTURAL PRODUCTION

Semester One		Credits
<u>IDS 1161</u>	What is the Good Life (Gen Ed Humanities)	3
<u>MAC 1147</u>	Precalculus Algebra and Trigonometry (Critical Tracking; State Core Gen Ed Mathematics)	4
<u>State Core Gen Ed Composition</u> ; Writing Requirement		3
<u>State Core Gen Ed Social and Behavioral Sciences</u>		3
Elective		2
Credits		15
Semester Two		
Select one:		3-4
<u>AEB 2014</u>	Economic Issues, Food and You (Gen Ed Social and Behavioral Sciences)	
<u>ECO 2013</u>	Principles of Macroeconomics (Gen Ed Social and Behavioral Sciences)	
<u>ECO 2023</u>	Principles of Microeconomics (Gen Ed Social and Behavioral Sciences)	
<u>CHM 2045</u> & <u>2045L</u>	General Chemistry 1 and General Chemistry 1 Laboratory (Critical Tracking; State Core Gen Ed Biological Sciences and Physical Sciences)	4
<u>State Core Gen Ed Humanities</u>		3
Electives		5
Credits		15-16
Semester Three		
<u>AEC 3033C</u>	Research and Business Writing in Agricultural and Life Sciences (Writing Requirement)	3
Select one:		3-4

<u>BOT 2010C</u>	Introductory Botany (Critical Tracking ; Gen Ed Biological Sciences and Physical Sciences)	
<u>BSC 2010</u> & <u>2010L</u>	Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1 (Critical Tracking ; Gen Ed Biological Sciences and Physical Sciences)	
Gen Ed Composition; Writing Requirement		3
Gen Ed Mathematics		2
Electives		4
	Credits	15-16
Semester Four		
<u>AEC 3030C</u>	Effective Oral Communication	3
Select one:		4
<u>BOT 2011C</u>	Plant Diversity (Critical Tracking ; Gen Ed Biological Sciences)	
<u>BSC 2011</u> & <u>2011L</u>	Integrated Principles of Biology 2 and Integrated Principles of Biology Laboratory 2 (Critical Tracking ; Gen Ed Biological Sciences)	
Select one:		3
<u>PHY 2004</u>	Applied Physics 1 (Critical Tracking ; Gen Ed Physical Sciences)	
<u>PHY 2020</u>	Introduction to Principles of Physics (Critical Tracking ; Gen Ed Physical Sciences)	
Electives		5
	Credits	15
Semester Five		
<u>HOS 3020C</u>	Principles of Horticultural Crop Production	<u>34</u>
<u>PLP 3002C</u>	Fundamentals of Plant Pathology	4

<u>PLS 4601C</u>	Principles of Weed Science	3
Approved electives		<u>43</u>
Credits		14
Semester Six		
<u>ENY 3005</u> & <u>3005L</u>	Principles of Entomology and Principles of Entomology Laboratory	3
<u>HOS 3430C</u>	Nutrition of Horticultural Crops	3
<u>HOS 4933</u>	Professional Development in Horticulture	1
Approved electives		6
Commodity elective ²		3
Credits		16
Semester Seven		
<u>AGR 3303</u>	Genetics	3
<u>HOS 4304</u>	Horticultural Physiology	3
Commodity electives ²		7
Select 1-3 credits from practical work experiences: ¹		1-3
<u>HOS 4905</u>	Independent Study in Horticultural Science	
<u>HOS 4941</u>	Practical Work Experience in Horticultural Sciences	
Credits		14-16
Semester Eight		
<u>HOS 4341</u>	Advanced Horticultural Physiology	3
<u>SWS 3022</u> & <u>3022L</u>	Introduction to Soils in the Environment and Introduction to Soils in the Environment Laboratory	4
Approved electives		6

<u>PLS 3223</u> & <u>3223L</u>	Plant Propagation and Plant Propagation Laboratory	3
	Credits	16
	Total Credits	120