

College of Agriculture and Life Sciences

2013-2014 Catalog
Submitted November 12, 2012 to FSCC

I. SIGNIFICANT TRENDS:

Enrollment in the College of Agriculture and Life Sciences hit an all-time high (3,900 students enrolled on day 10 of fall semester 2012). Increased enrollment has placed great pressure on availability of seats in lecture and laboratory courses. Teaching faculty are feeling significantly increased demands on their time by students. The merger between the Horticulture and Agricultural Education & Studies departments did not occur (as had originally been planned). A proposed minor in Landscape Management is presently making its way through the approval process.

II. CURRICULA, MAJORS, MINORS ADDED OR DROPPED:

Majors Added: none

Minors Added: none

Certificates Added: none

Majors, Minors, Certificates Dropped: Insect Science undergraduate major

III. NEW COURSES:

Agricultural Education and Studies

AGEDS 116 Initial Field Experience in Agricultural Education. Cr. 1

Global Resource Systems

GLOBE 494 Service Learning. Cr. Arr.
GLOBE 494A Service Learning: International. Cr. Arr.
GLOBE 494B Service Learning: Domestic. Cr. Arr.

Horticulture

HORT 276 Understanding Grape and Wine Science. Cr. 3

IV. COURSES DROPPED:

Agricultural Education and Studies

AGEDS 604 Evaluation in Agricultural and Extension Education. Cr. 3

Agronomy

AGRON 402 Watershed Hydrology Cr. 4 (remove AGRON from cross-listing with ENSCI, GEOL, MTEOR, NREM)

Horticulture

HORT 490Z Service Learning. Cr. arr. Repeatable

Natural Resource Ecology and Management

FOR 603 Plant Physiological Ecology. Cr. 4

NREM 430 Media Techniques in Natural Resources Interpretation. Cr. 3

Plant Pathology

PL P 565A Professional Practices in Science and Engineering: Responsible Conduct of Research. (Cr. 1.0)

Technology Systems Management

TSM 112 Orientation to Learning and productive Team Membership Cr. 2 (remove TSM from cross-listing with AER E, CON E, FS HN, HORT, NREM)

TSM 114 Developing Responsible Learners and Effective Leaders Cr. 2 (remove TSM from cross-list with CON E, FS HN, HORT, NREM)

TSM 408 Interdisciplinary Problem Solving Cr. 3 (remove TSM from cross-listing with I E)

TSM 409 Interdisciplinary Systems Effectiveness Cr. 3 (remove TSM from cross-listing with I E)

TSM 481 Conversion of Lignocellulosic Materials Cr. 3 (remove TSM from cross-list with FOR)

TSM 541 Comprehensive Modern Manufacturing Systems. Cr. 3

TSM 545 Manufacturability of Plastics. Cr. 3

V. NUMBER, CREDIT, AND TITLE CHANGES:**Agricultural Education and Studies**

AGEDS 312 Science With Practice (Cr. 2 to Cr. 3)

Agronomy

AGRON 677 Advanced Soil Physics (Cr. 2 to Cr. 3)

Animal Science

ANS 399B Supervised Internship Experience (Cr. R to Cr. 2 to 6)

Horticulture

HORT 332 Title to: Greenhouse Operation and Management (from: Greenhouse Operation, Management, and Crop Production I)

HORT 435 Title to: Greenhouse Crop Production II (from: Greenhouse Operation, Management, and Crop Production II)

HORT 461 Title to: Fruit Crop Production and Management (from: Fruit and Nut Crop Production and Management)

Natural Resource Ecology and Management

NREM 110 Orientation in Natural Resource Ecology and Management (Cr. R to Cr. 1)

Technology Systems Management

TSM 415	Technology Capstone I	(Cr. 3 to Cr. 1)
TSM 416	Technology Capstone II	(Cr. 3 to Cr. 5)
TSM 496B	Technology Travel Course	(Cr. 1 to Cr. R)

VI. COURSES ADDED FOR NONMAJOR GRADUATE CREDIT

NONE

VII. COURSES DROPPED FOR NONMAJOR GRADUATE CREDIT

NONE

VIII. SUMMARY OF CHANGES:

Note: a cross-listed course should be counted only once - with the "primary" department or program. So in Section III New Courses and Section IV Courses Dropped, a cross-listed course should be listed only once.

Summary of Changes					
Department	New	Dropped	Number	Credit	Title
Agricultural Education and Studies	1	1		1	
Agronomy		1		1	
Animal Science				1	
Global Resource Systems	3				
Horticulture	1	1			3
Natural Resource Ecology and Management		2		1	
Plant Pathology		1			
Technology Systems Management		7		3	
Total College of Your College	5	13	0	7	3

IX. CHANGES SINCE PROPOSED CHANGE SUMMARY

NONE

X. JUSTIFICATION FOR NEW COURSES

Summary Table

Program Name	Designator and Course Number	Nonmajor graduate credit		Required in Program		Offered Experimentally			Justification (If not required in program or offered experimentally)		
						N	If Yes, latest two offerings				
							Term	Year		Enrollment	
AGEDS	AGEDS 116	X					F F	2011 2012	21 18		
GLOBE	GLOBE 494	X		X		X					Course was previously taught under 490 Independent Study – which was not an accurate reflection of what the students were actually doing
GLOBE	GLOBE 494A	X		X		X					Course was previously taught under 490 Independent Study – which was not an accurate reflection of what the students were actually doing
GLOBE	GLOBE 494B	X		X		X					Course was previously taught under 490 Independent Study – which was not an accurate reflection of what the students were actually doing
HORT	HORT 276	X		X			S S	2012 2013	30 23		

