CLEMSON

R S T T Y Curriculum and Course Change System - Print Major Form

000001

Change Major Name: Microbiology

Degree: BS

Effective Catalog Year: 2014
.. Change Major Name to:

.. Change Degree to: (CHE approval required)

X Change Curriculum Requirements

(Submit or upload Curriculum map in catalog format. CHE approval required for > 18 hours of changes)

.. Change General Education Requirements

(Must also submit a General Education Checklist)
.. Add, Change or Delete Concentration(s)

(Submit or upload Curriculum map in catalog format. CHE approval required)

.. Add, Change or Delete Emphasis Area(s)

Explanation: We wish to add a recently-approved course (MICRO 405, Advanced Microbial Ecology of Humans) to the Biomedicine option list of our Microbiology requirement. The science of microbiomes in the human body is a rapidly-expanding research area, and this option will increase the strength of our offerings.

Form Originator: RJKSN, Robert Kosinski Date Form Created: 3/29/2013

Form Last Updated by: RJKSN, Robert Kosinski Date Form Last Updated: 3/29/2013

Form Number: 6022

Approval			
Robert J. Kouinski	3/29/	3 Carice W. Mirlosen	5/3/2013
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
47-	3/29/1	2	
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
Robert J. Knimki	4/11/13	Nah M Azi	8/16/19
Chair, College Curricylum Committee	Date	Provost	Date
Del behitqueel	4/11/13	and. It	8/110/13
College Dean	Date	President	Date

BS Microbiology

Freshman Year

First Semester	1	riesimian re	Second Semester		
BIOL 110 Prin of Biol 11	5 (4.3)		BIOL 111 Prin of Biol II 1	5 (4,3)	
CH 101 General Chemistry I	4 (3,3)		CH 102 General Chemistry	4 (4,3)	
MICRO 101 Microbes and Human Affairs	1 (1,0)		ENGL 103 Accelerated Composition	3 (3,1)	
MTHSC 106 Calc of One Var I	4 (4,0)		Mathmatical Sciences Requirement ²	3-4	
COMM 150 Intro. to Human Comm	3 (3,0)				
or COMM 250 Public Speaking					
	17			15-16	
		Sophomore Y	ear		
CH 223 Organic Chemistry	3 (3,0)		General Microbiology Requirement ⁵	4 (3,3)	
CH 227 Organic Chemistry Lab	1 (0,3)		CH 224 Organic Chemistry II	3 (3,0)	
ENGL 315 Sci Writing & Comm	3(3,0)		CH 228 Organic Chemistry II Lab	1 (0, 3)	
Arts and Humanities (Lit) Requirement 3	3 (3,0)	[Biochemistry Requirement ⁶	3 (3,0)	
Social Science Requirement ³	3 (3,0)		BIOSC 434 Biochemistry Lab	2 (1,2)	
Elective ⁴	3 (3,0)		Arts and Humanities (Non-lit Requirment) 3	3 (3,0)	
	16				16
		Junior Yea			
MICRO 401 Microbial Ecology/Diversity	3 (3,0)		MICRO 412 Bacterial Physiology	3 (3,0)	
PHYS 207 General Physics I	3 (3,0)		MICRO 450 Advanced Micro Lab I	2 (1,2)	
PHYS 209 General Physics I Lab	1 (0, 3)		Microbiology Requirement 7	3 (3,0)	
or PHYS 122 Physics with Calc I	3 (3,0)		Social Science Requirement ³	3 (3,0)	
PHYS 124 Physics Lab (1 (0,3)		Elective 4.0	3 (3,0)	
Microbiology Requirement ⁷	6				
Elective 4	3 (3,0)				
	16				14
		Senior Year		·	
MICRO 415 Microbial Genetics	3 (3,0)		MICRO 493 Senior Seminar	2 (2,0)	
BIOSC 461 Cell Biology	3 (3,0)		Microbiology Requirement 7	3 (3,0)	
MICRO 451 Advanced Micro Lab II	2 (1,2)		MICRO 452 Advanced Micro Lab III	2 (1,2)	
Virology Requirement ⁹	3 (3,0)		Elective ⁴		9
Elective ⁴	3 (3,0)				
	14				16

Total Credits

124-125

Environmental--- BIOSC (PL PA) 425, MICRO 402, 403, 410

Food Safety, Industrial, and Technology -- BIOSC 487, MICRO 407, 413

BIOL 110 and BIOL 111 are strongly recommended; however, BIOL 103/105 may substitute for BIOL 110 and BIOL 104/106 may substitute for BIOL 111. The remaining 1-2 credits required must be satisfied by completing 1-2 extra credits from departmental course offerings at the 300 level or above. See advisor

³ MTHSC 111, 301, EX ST 301 or other approved coursework. See advisor. Medical/dental schools have different mathematics requirements.

³ See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

⁴ Elective hours may be used toward satisfying the requirements of a minor.

⁵ MICRO 305 or other approved coursework.

⁶ BIOCH 301, 305 or other approved coursework.

⁷ See advisor. Minimum of 12 credits is required. At least one course must be selected from each of the following fields: Biomedicine---BIOSCI 420, 434, 456/457, 467, 484, 489, GEN 300, HLTH 380, MICRO 400, 405, 411, (AVS, BIOSC) 414, 417

Students planning on applying to medical/dental schools should take PHYS 208 and 210 during the second semester junior year

⁹ BIOSC 454 or MICRO 416

CLEMSON

Y F R S I T Y Curriculum and Course Change System - Print Major Form

000000

Change Major Name: Microbiology (Biomedicine)

Degree: BS

Effective Catalog Year: 2014

- .. Change Major Name to:
- .. Change Degree to: (CHE approval required)
- X Change Curriculum Requirements

(Submit or upload Curriculum map in catalog format. CHE approval required for > 18 hours of changes)

.. Change General Education Requirements

(Must also submit a General Education Checklist)
.. Add, Change or Delete Concentration(s)

(Submit or upload Curriculum map in catalog format. CHE approval required)

.. Add, Change or Delete Emphasis Area(s)

Explanation: We wish to add a recently-approved course (MICRO 405, Advanced Microbial Ecology of Humans) to our Biomedicine option list. The science of microbiomes in the human body is a rapidly-expanding research area, and this option will increase the strength of our offerings.

Form Originator: , Date Form Created: 3/29/2013

Form Last Updated by: , Date Form Last Updated: 3/29/2013

Form Number: 6021

Approval			
Robert J. Kanineki	3/29/13	Parice W. Merhoren	5/3/201
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	3/29/13		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
Robert J. Kninchi	4/11/13	Notice MAY9	8/16/13
Chair, College Curriculum Committee	Date	Provost	Date
Led whitmen	4/11/13	Jan J. In	8-16-13
College Dean	Date	Presidert	Date

Freshman Year

		FIESIIIIdii fedi	
First Semester		Second Semester	
BIOL 110 Prin of Biol I 1	5 (4,3)	BIOL 111 Prin of Biol II 1	5 (4,3)
CH 101 General Chemistry I	4 (3,3)	CH 102 General Chemistry	4 (4,3)
MICRO 101 Microbes and Human Affairs	1 (1,0)	ENGL 103 Accelerated Composition	3 (3,1)
MTHSC 106 Calc of One Var I	4 (4,0)	Mathmatical Sciences Requirement ²	3-4
COMM 150 Intro. to Human Comm	3(3,0)		
or COMM 250 Public Speaking			
	17		15-16
		Sophomore Year	
CH 223 Organic Chemistry	3 (3,0)	General Microbiology Requirement ⁵	4 (3,3)
CH 227 Organic Chemistry Lab	1 (0,3)	CH 224 Organic Chemistry II	3 (3,0)
ENGL 315 Sci Writing & Comm	3 (3,0)	CH 228 Organic Chemistry II Lab	1 (0, 3)
Arts and Humanities (Lit) Requirement ³	3 (3,0)	Biochemistry Requirement 6	3 (3,0)
Social Science Requirement ³	3 (3,0)	Biomed Requirement 7	3 (3,0)
Elective ⁴	3 (3,0)	Art and Humanities (Non-Lit) Requirement ³	3 (3,0)
	16		17
	•	Junior Year	- !
MICRO 401 Microbial Ecol and Diversity	3 (3,0)	MICRO 412 Bacterial Physiology	3 (3,0)
PHYS 207 General Physics I	3 (3,0)	MICRO 450 Advanced Micro Lab I	2 (1,2)
PHYS 209 General Physics I Lab	1 (0, 3)	PHYS 208 General Physics II	3 (3,0)
or PHYS 122 Physics with Calc I	3 (3,0)	PHYS 210 General Physics II Lab	1 (0,3)
PHYS 124 Physics Lab I	1 (0,3)	or PHYS 221 Physics with Calc II	3 (3,0)
Genetics Requirement ⁸	3 (3,0)	PHYS 223 Physics Lab II	1 (0,3)
BIOSC 461 Cell Biology	3 (3,0)	Social Science Requirement ³	3 (3,0)
BIOSC 462 Cell biology lab	2 (2,2)	Elective ⁴	3 (3,0)
	15		15
		Senior Year	
MICRO 415 Microbial Genetics	3 (3,0)	MICRO 493 Senior Seminar	2 (2,0)
MICRO 414 Immunology	3 (3,0)	MICRO 411 Pathogenic Bacteriology	3 (3,0)
MICRO 451 Advanced Micro Lab II	2 (1,3)	MICRO 417 Mol Mech Carcinogeneis and Aging	3 (3,0)
MICRO 416 Virology	3 (3,0)	MICRO 452 Advanced Micro Lab III	2 (1,3)
Biomed Requirement 7	3 (3,0)	Biomed Requirement ⁷	3 (3,0)
		Elective 4	3 (3,0)
	14		16

Total Credits

125-126

¹ BIOL 110 and BIOL 111 are strongly recommended; however, BIOL 103/105 may substitute for BIOL 110 and BIOL 104/106 may substitute for BIOL 111. The remaining 1-2 credits required must be satisfied by completing 1-2 extra credits from departmental course offerings at the 300 level or above. See advisor

² MTHSC 111, 301, EX ST 301 or other approved coursework. See advisor. Medical/dental schools have different mathematics requirements.

³ See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

⁴ Elective hours may be used toward satisfying the requirements of a minor.

⁵ MICRO 305 or other approved coursework.

⁶ BIOCH 301, 305 or other approved coursework.

⁷ See advisor. Minimum ⁹ hours required. BIOCH 423, 432, BIOSC 420, (PL PA) 425, 434, 456 & 457, 467, 484, 489, HLTH 380, MICRO 400, 405, 491

GEN 300, 302 or other approved coursework



IN IVERSITE Curriculum and Course Change System - Print Change/Delete Course Form

X Change a Course - Abbrev & Number: MICRO- 415

Corresponding Lab Course: --

Corresponding Honors course: MICRO-H-415

.. Add Honors course: --

Corresponding Graduate course: MICRO- -615

.. Add Graduate course: --

Course Title: MICROBIAL GENETICS

Brief Statement	of (Cha	nge:
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We wish to delete the prerequisite for an introductory genetics course. MICRO majors have adequate preparation for the course without a basic genetics course.

Last Term taught: .. Change Abbrev to: .. Change Number to: .. Change Catalog Title: from: from: MICROBIAL GENETICS to:

From: Fixed Credit: 3 (3,0) To: Fixed Credit: (,)

Change of Credit Variable Credit: - (-), (-) Variable Credit: - (-),(-)

Add cross-listing with the following child course(s):

. Delete cross-listing with the following child course(s):

.. Reverse Parent/Child relationship with:

Change Method of Instruction		Change Course Mo	difier	Change General Education Designation		
from:	to:	from:	to:	from:	to:	
X A-Lecture Only		Pass/Fail Only	1.	English Composition		
B-Lab (w/fee)		X Graded	••	Oral Communication		
D-Seminar		Variable Title		Mathematics	• ••	
E-Independent Study		Creative Inquiry	••	Natural Science w/Lat	.	
F-Tutorial (w/fee)		Repeatable		Math or Science	••	
G-Studio		maximum credits		A&H (Literature)	••	
H-Field course		from:		A&H (Non-Literature)		
I-Study Abroad		to:	1 1	Social Science		
L-Lab (no/fee)	:			CCA		
N/B-Lecture/Lab(w/fee	(STS	•	
N/L-Lecture/Lab(no fee						

Change	Catal	log	Desci	rip	tior	1:

from: to:

X Change Prerequisite(s):

from: BIOCH 301 or 305, GEN 300 or 302, and MICRO 412

to: BIOCH 301 or 305, and MICRO 412

Learning Objectives:

Topical Outline:

Evaluation:

Form Originator: RJKSN, Robert Kosinski Date Form Created: 4/1/2013

Form Last Updated by: RJKSN, Robert Kosinski Date Form Last Updated: 4/1/2013

Form Number: 6025

Approval

Robert V. Korinski	4/1/13	Parice W. Merchosen	5/3/2013
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	4/1/13		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
Robert I. Kanishi	4/11/13	Note Me An	8/16/11
Chair, College Curficulum Committee	Date	Provost	Date

Curriculum and Course Ch	ange System					4	/1/13 12:29 PI
Quel W	hite	rell	4/11/13	0	Auro T.	b 000008	15 lucti
College Dean			Date	Presider	t		Date
			-				



VERSET Curriculum and Course Change System - Print Change/Delete Course Form

X Change a Course - Abbrev & Number: AG ED- 103

Corresponding Lab Course: --Corresponding Honors course: --

.. Add Honors course: --

Corresponding Graduate course: --

.. Add Graduate course: --

Course Title: MULTICULTURALISM

Brief Statement of Change:

AG ED 103 is being proposed to move from a 100 level course to a 300 level course to reflect changes in course content, which place greater emphasis on material appropriate to upper level, more culturally developed and exposed students. The new content increases the focus on cultures domestically and abroad and the wide range of cultures they will face as pre-service teachers, extension agents, and international agricultural change agents. New material includes impact, methods of change, relationship building and interaction taught in foreign and domestic contexts. Within the changes, the revisions also make the course suitable for designation as a CCA course. While there are no course prerequisites proposed, the prerequisite of a Junior standing is intended to reflect student feedback relative to maturity level, degree of context, and ability to retain and utilize course content after graduation. This is a required course for NCATE accreditation.

Last Term taught: 1101 ... Change Abbrev to: X Change Number to: 365 ... Change Catalog Title: from: MULTICULTURALISM

to: to:

From: Fixed Credit: 3 (3,) To: Fixed Credit: (,)

Change of Credit Variable Credit: - (-), (-) Variable Credit: - (-),(-)

.. Add cross-listing with the following child course(s):

.. Delete cross-listing with the following child course(s):

.. Reverse Parent/Child relationship with:

recreibe i arche, cinia		acionsinp within			
Change Method of Instruction		Change Course	Modifier	X Change General Edu	cation Designation
from:	to:	from:	to:	from:	to:
X A-Lecture Only		Pass/Fail Only		English Composition	11
B-Lab (w/fee)		X Graded		Oral Communication	1.
D-Seminar		Variable Title		Mathematics	
E-Independent Study		Creative Inquiry	.,	Natural Science w/Lab	
F-Tutorial (w/fee)		Repeatable		Math or Science	.,
., G-Studio		maximum credits		A&H (Literature)	
H-Field course		from:		A&H (Non-Literature)	
I-Study Abroad		to:		Social Science	
L-Lab (no/fee)				CCA	X
N/B-Lecture/Lab(w/fee)				STS	.,
N/L-Lecture/Lab(no fee)					

X Change Catalog Description:

from: Studies the influence of various groups and their contributions to agriculture. Includes the roles of women, African-, Hispanic-, Asian-, Native, and European-Americans.

to: Investigation of the cultures (both domestic and foreign) commonly encountered by agriculture education professionals. Customs, traditions, beliefs, stereotypes, and myths will be explored. Strategies for relationship building, impact, and successful interaction will be developed for formal and informal agricultural learning environments.

X Change Prerequisite(s):

from:

to: Minimum of Junior classification or consent of the instructor.

Learning Objectives: The student will be able to:

- -Define Culture and Multiculturalism
- -Discuss the educational implications of the presence of multiple cultures in the same classroom/setting
- -Investigate the basis for differences among cultures
- -Develop strategies to engage students in culturally inclusive ways
- -Synthesize the various concepts related to the cultural heritage of American Agriculture and discuss how these concepts affect today's global society

-Develop strategies to prepare future students to function in a global society

Topical Outline: -Introduction to culture and multiculturalism (3 hrs)

- -SC Cultural History (3 hrs)
- -American Cultural History (3 hrs)
- -The modern agricultural learning environment (3 hrs)
- -Reaching out to foreign and domestic cultures (3 hrs)
- -Global customs commonly experienced by agriculturalists (3 hrs)
- -Change agents (4 hrs)
- -Diverse leaders in agriculture (3 hrs)
- -Impact of legislation, regulation, and policy (4 hrs)

-Relationship	building throu	oh culturally	appropriate	interactions	(3 hrs)
-Keladionainp	Duncing anot	gii caicai aii	- appropried	.,	(- · · · -)

-Relevant cultural concerns (4 hrs)

-Globalization (3 hrs)

- -Student presentations of research (6 hrs)
- -Final Examination

Tot	tal	=	45	hr	1

Evaluation: Grade Distribution:

Development of Cultural Awareness paper (10%)

Cultural Awareness paper (15%)

Cultural Interaction Project (15%)

Presentation of research (20%)

Participation in Discussion (15%) Final Examination (15%)

Attendance (10%)

Grading Scale:

A = 90-100

B = 80-90

C = 70-80

D = 60-70

F = < 60

Learning Activities associated with General Education competencies (if applicable): Beyond regular class discussion, in development of the project-based assignment, cultural interaction project, and research paper/presentation, students will perform in-depth analyses and studies of non-U.S. cultures, all of which will enhance the students' global, cultural, and societal knowledge of these cultures relevant to their interactions with each other and with U.S. cultures. Specifically, students will be advised to submit their Cultural Awareness paper as an ePortfolio artifact demonstrating their Cross-Cultural Awareness competency, although other course assignments would also be relevant. The Cultural Awareness paper will require that the student critically and analytically compare and contrast different customs and cultural aspects from at least two non-U.S. cultures present in modern formal and informal U.S. agricultural teaching settings.

Form Originator: SGLAWRE, Shannon Lawrence Date Form Created: 3/11/2013

Form Last Updated by: , Date Form Last Updated: 4/12/2013

Form Number: 5986

Chair, Department Curriculum Committee Date Chair, Undergraduate Curriculum Committee Date Date Chair, Graduate Curriculum Committee Date Chair, Graduate Curriculum Committee Date Provost Chair, College Curriculum Committee Date Provost Date Date		Approval	1/12/13	Parice W. Muloser	5/3/2013
Department Chair Date Chair/ Graduate Curriculum Committee Date Chair, College Curriculum Committee Date Provost Date Provost College Dean Date President Date	1	Chair Department Curriculum Committee	/ Date	Chair, Undergraduate Curriculum Committee	Date
Chair, College Curriculum Committee Date Provost College Dean Date President Date Date Date Date Date Date Date Date	٠	1. TO 1	4/12/13		
Chair, College Curriculum Committee Date Provost #/12/3 College Dean Date President Date Date		Department Chair	Date	Chair/ Graduate Curriculum Committee	Date
Old Whitheuf 4/12/13 Whith Bate President Date		Robert O. Korinski	4/17/13	NAM. AS	8/16/13
College Dean Date President Date		Chair, College Curriculum Committee	Date	Provost	Date
Curege Dear		Tell whiterens	4/12/13	Caro. O.	8/110/13
Director, Calhoun Honors College Date		College Dean	Date	President	Date
Director, Calhoun Honors College Date					
		Director, Calhoun Honors College	Date	Part de la company de la compa	

5/8 X Sent do CCA Subcommittée for review, Mile Coggétalall. R. Todd

4/12/2013 10:51 AN

Curriculum and Course Change System - Print Change/Delete Course Form

XDelete a Course - Abbrev & Number: AGRIC- 355

Corresponding Graduate Course: --

.. Corresponding Honors course: --

Course Title: TEAM & ORG LEADERSHP

Brief Statement of Change:We propose deletion of AGRIC 355 because this course already exists as AGED 355. The students register for the course as AGED355. The parent-child connection between these two courses was lost in a previous catalog, and it is not necessary to restore the crosslisting.

Last Term taught: 1301 Effective Term: 08/2014

Form Originator:PAGUDEL, Paula AgudeloDate Form Created: 3/14/2013 Form Last Updated by: , Date Form Last Updated: 3/14/2013 Form Number: 6011

Approval		, ,	•			
166		4/1/13	3 /a	rice W. M.	rhose	3/3/2013
Chair, Department Curriculum	Committee	Date	Chair, Unde	ergraduate Curricu	llum Committee	Date
Vatucial	Sayton					
Department Chair		Date	Chair, Grad	uate Curriculum (Committee	Date
Robert 1.	Kninch	2-4/11/1	3 Nal	-M-AN	ζ	8/16/13
Chair, College Curriculum, Con	mittee	Date	Provost/1	- Wa 1	1	Date
Sed Whit	reed	4/11/13	$\Box Q$	W.(). 値	\ 	- 8/16/13
College Dean		Date	President			Date
Director, Calhoun Honors Colle	ge	Date				



MEMO

TO:

University Undergraduate Curriculum Committee

University Graduate Curriculum Committee

School of Agricultural, Forest, and Environmental Sciences

THROUGH:

Dr. Kendall Kirk, Chair Curriculum Committee School of Agric. (SAFES)

FROM:

Dr. Paula Agudelo, SSCS Curriculum representative Saulalgudelo M.

SUBJECT:

Deletion of Course

AGRIC 416 Ethics and Issues in Agriculture and the Food and Fiber System

AGRICULTURE, FORESTRY & LIFE

College of

DATE:

March 14, 2013

SCIENCES 114 Long Hall

Box 340315 Clemson, SC 29634-0315

(864) 656-3111

We propose deletion of AGRIC 416 Ethics and Issues in Agriculture and the Food and Fiber System from the Undergraduate Announcements (effective Fall 2014) because this course already exists as AGED 416. The students register for the course as AGED 416. The parent-child connection between these two courses was lost in a previous catalog, and it is not necessary to restore it.

This course does not have corresponding Honors or Graduate courses.

Chair, School Curriculum Committee

School Director

Chair, Undergraduate Curriculum Committee

Chair, Graduate Curriculum Committee

-11-194 8/16/13 Au J. In 8/10/13

President

Director, Calhoun Honors College

CLEMSON UNIVERSITY Curriculum and Course Change	ge System -	Print Change/Delete Course Form	000013
X Change a Course - Abbrev & Number: C R D- 3 Corresponding Lab Course: Corresponding Honors course:		Frint Change, Delete Course Form	
Add Honors course: Corresponding Graduate course:			
Add Graduate course:			
Course Title: NAT RESOURCE ECON			
Brief Statement of Change: Reversal of cross-listing from parent as C R D to AP E this course is to be taught by AP EC faculty as a requestion of Economics & Statistics - Agribusiness Concentration of Economic Development concentration is not currently Last Term taught: 1301 Change Abbrev to: Effective Term: 01/2014 Change Number to:	rired course in curriculum. Ti y accepting ne	the Applied ne Community and	
Change Catalog Title: Change Transcript Title			
from: from: NAT RESOURCE ECO	N		
From: Fixed Credit: 3 (3.) To: Fixe	ed Credit: (.)		
Change of Credit Variable Credit: - (-), (-) Variable	: Credit: - (-)	(-)	
Add cross-listing with the following child cour			
Delete cross-listing with the following child co			
X Reverse Parent/Child relationship with: AP EC Change Method Change Course Mod	1	nge General Education Designation	
of Instruction	Cha	nge deneral Education Designation	
from: to: from:	to: from:	to:	
X A-Lecture Only Pass/Fail Only B-Lab (w/fee) X Graded		ish Composition Communication	
D-Seminar Variable Title	4	rematics	
E-Independent Study Creative Inquiry		iral Science w/Lab	
F-Tutorial (w/fee) Repeatable		or Science	
G-Studio maximum credits H-Field course from:		(Literature)	
I-Study Abroad to:		(Non-Literature) al Science	
L-Lab (no/fee)	CCA		
N/B-Lecture/Lab(w/fee)	STS		
N/L-Lecture/Lab(no fee)	ļ		
from:			
to:			
Change Prerequisite(s):	,		
from: to:			
Learning Objectives:			
Topical Outline:			
Evaluation:			
Form Originator: KIRK2, Kendall Kirk Date Form C	reated: 2/25	/2013	
Form Last Updated by: KIRK2, Kendall Kirk Date F	orm Last Up	dated: 2/25/2013	
Form Number: 5922			
Approval	1//-		
	1/1/10	Parice W. Merchock	5/3/13
Choic, Department Cyrriculum-Committee	Date	Chair, Undergraduate Curriculum Committee	
THE .CACL	11/1/	Chair, onder graduate Carriculani Committee	[Date
Yournatt Day Ton	14/V13		
Department Chair	Date/	Chair, Graduate Curriculum Committee	Date
Robert J. Kunchi	4/11/13	Nate M. Asti	8/16/17
Chair, College Curricaium Committee	Date	Provost 1	Date
Tool behitered	1/1/12	Laws). do	1010
College Dean	Dato	Procident	<u> </u>
contage ocum	Date	President	Date

Date

Approvals related to cross-listing require the following signatures:

Curriculum and Course Change System https://ucc.app.clemson.edu/PChangeCourseForm.aspx?hfformnum=592

[Child Course] Chair, Department Curriculum Committee	Date	[Child Course] Chair, College Curriculum Committee	Date
[Child Course] Department Chair	Date	[Child Course] College Dean	Date

[Child Course] Chair, Department Curriculum Committee

ONTOTA

('I LIMASCANI	
CENTIFICATION CURRENCE CHANGE System - Print Change/Delete Course Form	
X Change a Course - Abbrev & Number: C R D- 361	
Corresponding Lab Course:	
Corresponding Honors course:	
Add Honors course:	
Corresponding Graduate course: Add Graduate course:	
Course Title: INT HEALTH CARE ECON	
Brief Statement of Change:	
Reversal of cross-listing from parent as C R D to AP EC as parent is requested because	
this course is to be taught by AP EC faculty. Last Term taught: 1301 Change Abbrev to:	
Effective Term: 01/2014 Change Number to:	
Change Catalog Title: Change Transcript Title:	
from: from: INT HEALTH CARE ECON	
to: to:	
From: Fixed Credit: 3 (3,) To: Fixed Credit: (,) Change of Credit Variable Credit: - (-), (-) Variable Credit: - (-),(-)	
Add cross-listing with the following child course(s):	
Delete cross-listing with the following child course(s):	
X Reverse Parent/Child relationship with: AP EC	
Change Method Change Course Modifier Change General Education Designation	
of Instruction	
from: to: from: to: from: to:	
X A-Lecture Only Pass/Fail Only English Composition	
B-Lab (w/fee) X Graded Oral Communication D-Seminar Variable Title Mathematics	
E-Independent Study Creative Inquiry Natural Science w/Lab	
F-Tutorial (w/fee) Repeatable Math or Science	
G-Studio maximum credits A&H (Literature)	
H-Field course from: A&H (Non-Literature) I-Study Abroad to: Social Science	
L-Lab (no/fee)	
N/B-Lecture/Lab(w/fee) STS	
N/L-Lecture/Lab(no fee)	
Change Catalog Description: from:	
to:	
Change Prerequisite(s):	
from:	
to:	
Learning Objectives:	
Topical Outline:	
Evaluation:	
Form Originator: KIRK2, Kendall Kirk Date Form Created: 2/25/2013 Form Last Updated by: KIRK2, Kendall Kirk Date Form Last Updated: 2/25/2013	
Form Number: 5924	
Approval	
	i.
16/18 Parice W. Mundon	5/2/201
Chair, Department Curriculum Committee , Date Chair, Undergraduate Curriculum Committe	tee Date
	.cc Doic
Palrucia Utrant M 4/1/3	
Department Chair Date Chair, Graduate Curriculum Committee	Date
Robert I. Kainchi 4/11/13 Neck M. AVI	4/11
	8 (6(1
Chair, College Curficulum Committee Date Provost	Date
Ded well treed ellers Child	V/11/11
College Dean Date Presiden	
College Dean Date Presiden	Date
Director, Calhoun Honors College Date	
Approvals related to cross-listing require the following signatures:	ı

Date

[Child Course] Chair, College Curriculum Committee

Date

Curriculum and Course Change System	 https://ucc.app.clemson.edu/PChangeCourseForm.aspx?hfformnum=592
	000035

Date

[Child Course] College Dean

Date

[Child Course] Department Chair

CI	EN	AS	O	N

UNIVERSITY Curriculum and Course Change System - Print Change/Delete Course Form

Χ	Change	a	Cot	ırs	ie -	Abbrev	&	Number:	C	R	D-	412	
_		••			_								

Corresponding Lab Course: ---Corresponding Honors course: --.. Add Honors course: --

Corresponding Graduate course: C R D- -612

.. Add Graduate course: --

Course Title: REG ECONOMIC DEVEL

Brief Statement of Change:

Reversal of cross-listing from parent as C R D to AP EC as parent is requested because this course is to be taught by AP EC faculty as a required course in the Applied Economics & Statistics - Agribusiness Concentration curriculum. The Community and $\label{prop:conomic} \mbox{Economic Development concentration is not currently accepting new students.}$

Last Term taught: 1301 |.. Change Abbrev to: Effective Term: 01/2014 .. Change Number to: .. Change Catalog Title: .. Change Transcript Title: from: from: REG ECONOMIC DEVEL

lto:

to: From: Fixed Credit: 3 (3,) To: Fixed Credit: (,)

Change of Credit Variable Credit: - (-), (-) | Variable Credit: - (-),(-)

.. Add cross-listing with the following child course(s):

.. Delete cross-listing with the following child course(s):

X Reverse Parent/Child relationship with: AP EC

Change Method of Instruction		Change Course M	odifier	Change General Ed	ucation Designation
from: X A-Lecture Only B-Lab (w/fee) D-Seminar E-Independent Study F-Tutorial (w/fee) G-Studio H-Field course I-Study Abroad L-Lab (no/fee) N/B-Lecture/Lab(w/fee) N/L-Lecture/Lab(no fee)	: : : : :	from: Pass/Fail Only X Graded Variable Title Creative Inquiry Repeatable maximum credits from: to:	to:	from: English Composition Oral Communication Mathematics Natural Science w/La Math or Science A&H (Literature) A&H (Non-Literature Social Science CCA STS	

.. Change Catalog Description:

from:

to:

.. Change Prerequisite(s):

from: to:

Learning Objectives:

Topical Outline:

Evaluation:

Form Originator: KIRK2, Kendall Kirk Date Form Created: 2/25/2013

Form Last Updated by: KIRK2, Kendall Kirk Date Form Last Updated: 2/25/2013

Form Number: 5923

Approval			
	4/1/13	- Mise W. Marines	5/3/2013
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
Vaturia Play on	4/1/13		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
Robert I. Kariniki	4/11/13	Nedi M. Ash	8/16/13
Chair, College Curriculum Committee	Date	Provosta	Date
Zeel Whitness	4/11/13	Caro. Do	8/16/13
College Dean	Date '	President	Date
Director, Calhoun Honors College	Date		
Approvals rela	ted to cross-list	ing require the following signatures:	
	1	I and the second	1

Curriculum and Course Change System https://ucc.app.clemson.edu/PChangeCourseForm.aspx?hfformnum=59.

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[Child Course] Chair, Department Curriculum Committee	Date	[Child Course] Chair, College Curriculum Committee	Date
[Child Course] Department Chair	Date	[Child Course] College Dean	Date

OI EMSONI		000018
UNIVERSITY Curriculum and Course Change	System - Print Change/Delete Course Form	
X Change a Course - Abbrev & Number: C R D- 491		
Corresponding Lab Course:		•
Corresponding Honors course: Add Honors course:		
Corresponding Graduate course:		
Add Graduate course: Course Title: INTERNSHIP		
Brief Statement of Change:		
Reversal of cross-listing from parent as C R D to AP EC a this course is to be taught by AP EC faculty as an option		
Economics & Statistics - Agribusiness Concentration curi	riculum. The Community and	
Economic Development concentration is not currently act Last Term taught: 1301 Change Abbrev to:	cepting new students.	
Effective Term: 01/2014 Change Number to:		
Change Catalog Title: Change Transcript Title:		
from: from: INTERNSHIP to:		
	Credit: (,)	
Change of Credit Variable Credit: 1-6 (-), (-) Variable (Credit: - (-),(-)	
Add cross-listing with the following child course		
Delete cross-listing with the following child cour X Reverse Parent/Child relationship with: AP EC	<u>se(s):</u>	
· · · · · · · · · · · · · · · · · · ·	er Change General Education Designation	
from: to: from:	to: from: to:	
A-Lecture Only Pass/Fail Only B-Lab (w/fee) X Graded	English Composition Oral Communication	
D-Seminar Variable Title	Oral Communication Mathematics	
X E-Independent Study Creative Inquiry	Natural Science w/Lab	
F-Tutorial (w/fee) X Repeatable maximum credits	Math or Science A&H (Literature)	
H-Field course from:	A&H (Non-Literature)	
I-Study Abroad to:	Social Science	
L-Lab (no/fee) N/B-Lecture/Lab(w/fee)	CCA	
N/L-Lecture/Lab(no fee)		
Change Catalog Description: from:		
to:		
Change Prerequisite(s):		
from:		
to: Learning Objectives:		
Topical Outline:		
Evaluation:		
Form Originator: KIRK2, Kendall Kirk Date Form Cre Form Last Updated by: , Date Form Last Updated: :		
Form Number: 5940	5/21/2013	
Approval	•	
	4/1/12 / 12/20/14/ 1944	c a 2012
I CE	1/1/13 (arice W. munose	5 3 8012
Thair, Department Curriculum Committee	Date Chair, Undergraduate Curriculum Committee	<u>Date</u>
Vaturia Hauton	4/1/13	
Department Chair	Date Chair, Graduate Curriculum Committee	Date
00 ~ 1 1/ . 1.	4/11/13 Jul M Air	8/16/13
	Date Provost	Date
ded Whitmel	4/11/13 4/11/13	8/16/13

Date

Date

President

Approvals related to cross-listing require the following signatures:

Lof2

College Dean

Director, Calhoun Honors College

Date

			Dones	
[Child Course] Chair, Department Curriculum Committee	Date	[Child Course] Chair, College Curriculum Committee	Date	
[Child Course] Department Chair	Date	[Child Course] College Dean	Date	

CLEMSON						nnenen
	m and Course Change S	ystem -	Print Change/De	lete Course Form		
X Change a Course - Abbrev & Corresponding Lab Course:	& Number: C R D- 494					
Corresponding Honors course: -	_					
Add Honors course:						
Corresponding Graduate course Add Graduate course:	:					
Course Title: CREATIVE INQU	JIRY					
Brief Statement of Change: Reversal of cross-listing from pa this course is to be taught by AF				5 e		
Economics & Statistics - Agribus Economic Development concent	iness Concentration curri	culum. Th	re Community and	l		
Last Term taught: 1301 Cha	inge Abbrev to: inge Number to:	, ,				
Change Catalog Title: Cha						
from: from:	CREATIVE INQUIRY					
to: to:						
From: Fixed (Change of Credit Variable Cred	Credit: (,) To: Fixed C	_redit: (,)) (-)			
Add cross-listing with the t			<i>)</i> ,(<i>)</i>		•	
Delete cross-listing with th						
X Reverse Parent/Child relati	ionship with: AP EC					
Change Method of Instruction	Change Course Modifie	r Cha	nge General Edu	cation Designation		•
from: to: fro		to: from:		to:		
	Pass/Fail Only		lish Composition			
	Graded Variable Title		Communication nematics	••		
	Creative Inquiry	I .	ral Science w/Lab	·,		
	Repeatable		1 or Science			
	aximum credits		(Literature)	••		
H-Field course fre I-Study Abroad to	om: ·		l (Non-Literature) al Science	••		
L-Lab (no/fee)	•	CCA		**		
N/B-Lecture/Lab(w/fee)		STS		**		
N/L-Lecture/Lab(no fee)		-				•
Change Catalog Description from:	1:					
to:						
Change Prerequisite(s):	_					
from:						
to:	MM-					
Learning Objectives: Topical Outline:						
Evaluation:	_					
Form Originator: KIRK2, Kend	all Kirk Date Form Cres	tad: 2/26	:/วก13			
Form Last Updated by: , Date Form Number: 5941	: Form Last Updated: 3/	/21/2013	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Approval		11	I			1
		4/1/13	- Charice	W. mirlosen	····	KIZIZNZ
Chair, Department Curpiculum C	ommittee D:	// até		uate Curriculum Com		Date
	7 1	11 1:-	Chair, Ondergrad	date curricularii com	Intee	Date
Valueia H	Say Don 9	<i>t/i.//</i> 2	<u> </u>			
Department Chair	/ di	te /	Chair, Graduate	Curriculum Committee		Date
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Koterl J. Ko		<u> //11/13</u>	Non	JU MIX		8/16/12
Chair, College Curriculum Comm	nittee Da	ate	Provost	A 1		Date
Led what we		1111/13	Churc). 例——		1 /11/12
College Dean		ate	President	* Y 7		
Concyc Deali	L Da	are	riesiueili			Date

Director, Calhoun Honors College	e Da	ate				
_	Approvals related to	cross-list	ing require the fol	lowing signatures:		
		-		-		
	!		1			1

[Child Course] Chair, Department Curriculum Committee	Date	[Child Course] Chair, College Curriculum Committee	000021 Date
[Child Course] Department Chair	Date	[Child Course] College Dean	Date