



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

000007

X **Change a Course - Abbrev & Number:** HORT- 3080

Corresponding Lab Course: --

Corresponding Honors course: --

.. **Add Honors course:** --

Corresponding Graduate course: --

.. **Add Graduate course:** --

**Course Title:** Sust Landscape Des

**Brief Statement of Change:**

Name change will more accurately reflect the course content.

Last Term taught: 201208

Effective Term: 08/2015

.. **Change Abbrev to:**

.. **Change Number to:**

X **Change Catalog Title:**

from: Sustainable Landscape Design

to: Sustainable Landscape Design, Installation, and Maintenance

.. 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 Modifier**

.. **Change General Education Designation**

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

.. **Change Catalog Description:**

from:

to:

.. **Change Prerequisite(s):**

from:

to:

**Learning Objectives:**

**Topical Outline:**

**Evaluation:**

**Form Originator:** ELLENAV, Vincent, Ellen Anita **Date Form Created:** 10/9/2013

**Form Last Updated by:** ELLENAV, Vincent, Ellen Anita **Date Form Last Updated:** 3/26/2014

**Form Number:** 6630

**Approval**

	3/28/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	3/28/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		4/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	President	Date
Director, Calhoun Honors College	Date		

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

X Delete a Course - Abbrev & Number: WFB- 1010

Corresponding Graduate Course: --

.. Corresponding Honors course: --

Course Title: Intro Aqua Fish Wild

**Brief Statement of Change:**

Course content is covered in ENR 1010.

Last Term taught: 200408


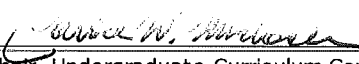

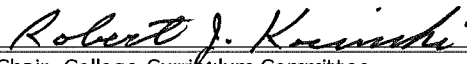
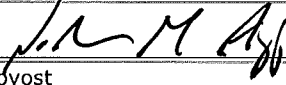


Effective Term: 06/2014

Form Originator: LANHAMJ, Lanham,Joseph D Date Form Created: 3/10/2014

Form Last Updated by: LANHAMJ, Lanham,Joseph D Date Form Last Updated: 3/10/2014

Form Number: 7255

**Approval**

	3/28/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	3/28/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	President	Date
Director, Calhoun Honors College	Date		



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

X Delete a Course - Abbrev &amp; Number: WFB- 1020

Corresponding Graduate Course: --

.. Corresponding Honors course: --

**Course Title: Methods of Wildlife/Fish Biol****Brief Statement of Change:**

Course has not been taught since 2003. Content covered in other courses.

**Last Term taught:** 200301**Effective Term:** 05/2014**Form Originator:** LANHAMJ, Lanham, Joseph D **Date Form Created:** 3/10/2014**Form Last Updated by:** LANHAMJ, Lanham, Joseph D **Date Form Last Updated:** 3/10/2014**Form Number:** 7256**Approval**

<i>Alan R. Joh</i>	3/28/14	<i>Janice W. Markwell</i>	5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
<i>Patricia Hayton</i>	3/28/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
<i>Robert J. Kowinski</i>	4/10/14	<i>John M. Byl</i>	6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
<i>Zed Whitwell</i>	4/10/14	<i>James P. Clemente</i>	7/11/14
College Dean	Date	President	Date
Director, Calhoun Honors College	Date		

X Delete a Course - Abbrev & Number: WFB- 3060

Corresponding Graduate Course: --

.. Corresponding Honors course: --

Course Title: Intro Wildl Conserv

**Brief Statement of Change:**

Course material is being covered in WFB 4300/6300

Last Term taught: 201101

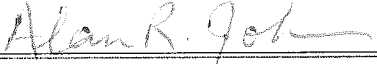
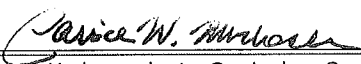
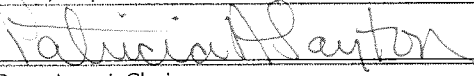
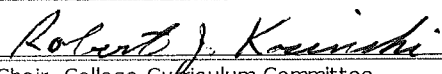
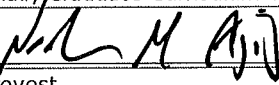
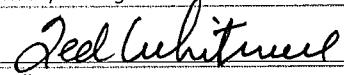
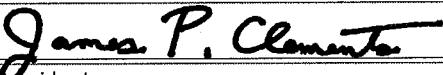
Effective Term: 05/2014

Form Originator: LANHAMJ, Lanham, Joseph D Date Form Created: 3/10/2014

Form Last Updated by: ALANJ, Johnson, Alan R. Date Form Last Updated: 4/8/2014

Form Number: 7257

**Approval**

	4/9/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	4/9/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	Resident	Date
Director, Calhoun Honors College	Date		

**Change Major Name:** Wildlife and Fish Biol (BS - 201405)

**Degree:** BS

**Effective Catalog Year:** 2015

**.. 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:** WFB 4980 (Senior Portfolio) is dropped from the curriculum (1st semester Senior Year).


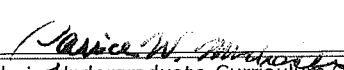
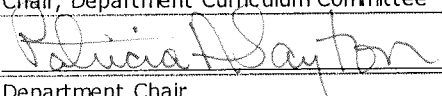
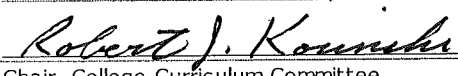


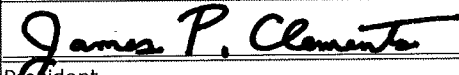
General Education competencies are currently covered in other courses in the curriculum, and students must meet the University ePortfolio requirements, making this class largely redundant. The foundation for Academic and Professional Development is laid in ENR 1010 and FNR 1020, and reinforced in upper division courses. Programmatic assessment data can be (and are being) collected in other ways (e.g., collecting artifacts in the classes in which they are produced). The Senior Portfolio class is being removed from the course map to focus the curriculum on other academic requirements. Additionally, the distribution of Approved Requirements in the Senior Year is modified to reflect a more reasonable and realistic distribution of course hours. Total semester hours for the major is reduced from 122 to 121.

**Form Originator:** ALANJ, Johnson, Alan R. **Date Form Created:** 4/8/2014

**Form Last Updated by:** ALANJ, Johnson, Alan R. **Date Form Last Updated:** 4/8/2014

**Form Number:** 7376

**Approval**

	4/9/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	4/9/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	President	Date

## 2015-2016 Wildlife and Fisheries Biology (Proposed)

Freshman Year					
First Semester			Second Semester		
BIOL 1030	General Biology I	3	BIOL 10400	General Biology II	3
BIOL 1050	General Biology Lab. I	1	BIOL 1060	General Biology Lab. II	1
CH 1010	General Chemistry	4	CH 1020 <b>OR</b> PHYS 2000	General Chemistry Introductory Physics	4 4
ENR 1010	Intro to Environment & Natural Resources	1	ENGL 1030	Accelerated Composition	3
MTHS 1020	Intro. to Mathematical Analysis	3	STAT 2300	Statistical Methods I	3
Oral Communication Requirement <sup>2</sup>		3	FNR 102	FNR Freshman Portfolio	1
Semester Hours: 15			Semester Hours: 15		
Sophomore Year					
First Semester			Second Semester		
FNR 2040	Soil Information Systems	4	GEN 3000	Fundamental Genetics	3
FOR 2050	Dendrology	2	ENGL 3140	Technical Writing	3
FOR 2210	Forest Biology	3	FOR 2060	Forest Ecology	3
WFB 3000	Wildlife Biology	3	WFB 3500	Principles of Fish & Wildlife Biology	3
WFB 3010	Wildlife Biology Laboratory	1	Social Science Requirement <sup>1</sup>		3
Arts and Humanities (Non-Lit.) Requirement <sup>1</sup>		3	Semester Hours: 15		
Semester Hours: 16					
Junior Year					
First Semester			Second Semester		
BIOL 3200	Field Botany	4	WFB (BIOL) 3130	Conservation Biology	3
Approved Requirement <sup>2</sup>		3	WFB 4120+4121	Wildlife Management	3
BIOL 3030	Vertebrate Biology	3	WFB 4160	Fishery Biology	3
WFB 4100+4101	Wildlife Management Techniques	3	WFB 4400+4401	Non-Game Wildlife Management	3
Arts and Humanities (Lit.) Requirement <sup>1</sup>		3	WFB 4620+4621	Wetland Wildlife Biology	3
Semester Hours: 16			Semester Hours: 15		
Senior Year					
First Semester			Second Semester		
AP EC 2570	Natural Resources, Environment & Economics	3	FNR 4990	Natural Resources Seminar	1
AVS 3010	Anat. & Phys. of Domestic Animals	4	WFB 4300	Wildlife Conservation Policy	3
FOR (ENR) 4340	GIS for Landscape Planning	3	Approved Requirement <sup>2</sup>		<b>6</b>
<b>WFB 4980</b>	<b>Senior Portfolio</b>	<b>4</b>	Policy and Law Requirement <sup>2</sup>		3
Approved Requirement <sup>2</sup>		<b>6</b>	Semester Hours: 13		
Semester Hours: 16					

### 121 Total Semester Hours

<sup>1</sup> See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement; three credits must also satisfy the Science and Technology in Society Requirement

(Note: Social Science Requirement must be in an area other than economics or applied economics.)

<sup>2</sup> Select from department-approved list.

**Wildlife and Fisheries Biology (Continued)**

000013

<b>Approved Requirements for Wildlife and Fisheries Biology</b>						
APEC 4750	Wildlife Economics & Policy	3		BIOL 4720+4721, 6720+6721	Ornithology + Lab	4
AGM 30100+3011	Soil and Water Conservation + Lab	3		BIOL 4770+4771, 6770+6771	Ichthyology + Lab	3
BIOL 3020, H3020	Invertebrate Biology	3		BIOL 4860	Natural History	3
BIOL 3060	Invertebrate Biology Laboratory	1		CRD 3570	Natural Resources Economics	3
BIOL 3070	Vertebrate Biology Laboratory	1		ENR (BIOSC) 4130	Restoration Ecology	3
BIOL 4100, 6100	Limnology	3		ENR 4290	Environmental Law	3
BIOL 4110, H4110, 6110	Limnological Analyses Lab	2		ENR 4500, 6500	Conservation Issues	3
BIOL 4170, 6170	Marine Biology	3		ENT 3000	Environmental Entomology	3
BIOL 4420, H4420, 6420	Biogeography	3		ENT (WFB) 4690+4691, H4690+H4691, 6690+6691	Aquatic Insects + Lab	3
BIOL 4430, 6430	Freshwater Ecology	3		FNR 4660+4661, 6660+6661	Stream Ecology + Lab	3
BIOL 4750, H4750, 6750	Comparative Physiology	3		FOR 4000, 6000	Public Relations in Natural Resources	3
BIOL 4760, H4760, 6760	Comparative Physiology Lab	2		FOR 4060+4061	Forested Watershed Mgt. + Lab	2
BIOL 4640+4641, 6640+6641	Mammalogy + Lab	3		FOR 4150+4151, 6150+6151	Forest Wildlife Mgt. + Lab	3
BIOL 4680_4681, 6680+6681	Herpetology + Lab+	3		FOR 4160	Forest Policy and Administration	3
BIOL 4700, H4700, 6700	Animal Behavior	3		FOR 4330+4331, 6330+6331	GPS Applications + Lab	3
BIOL 4710, 6710	Animal Behavior Laboratory	1				
For students considering "AFS" Certification which requires 15 hours of Physical Sciences:						
GEOL 1010 <b>AND</b> GEOL 1030	Physical Geology Physical Geology Lab	3 1	<b>OR</b>	PHYSICS 2000+2001	Introductory Physics + Lab	4
<b>Approved Requirements for Policy and Law (PAL)<sup>1</sup></b>						
APEC 4750	Economics of Wildlife Management	3		FOR 4000, 6000	Public Relations in Natural Resources	3
CRD 3570	Natural Resources Economics	3		FOR (ENR) 4160	Forest Policy and Administration	3
ENR 4290, 4690	Environmental Law and Policy	3		WFB 4300, 6300	Wildlife Conservation Policy	3
ENR 4500, 6500	Conservation Issues	3				
<sup>1</sup> (as long as not used to fill another requirement in curriculum)						

**Note: Any 3000 or 4000 level WFB course counts as an Approved Requirement if it is not used to meet another requirement in the curriculum.**



Curriculum and Course Change System - Print Major Form

Change Major Name: Enr (Conservation Biology)

Degree: BS

Effective Catalog Year: 2015

.. 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: Drop requirement for FOR 4980 or WFB 4980 from the curriculum (2nd semester Senior Year)

Change Elective requirement from 2 credits to 3 credits (2nd semester Senior Year).


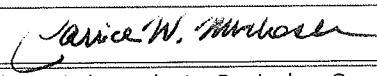
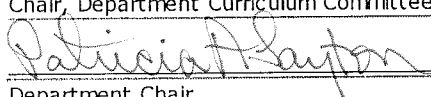
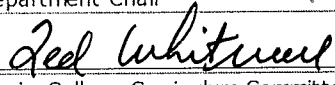
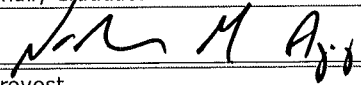
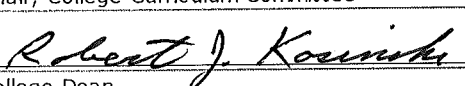
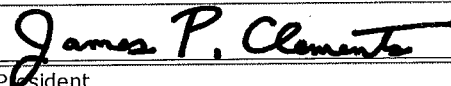
General Education competencies are currently covered in other courses in the curriculum, and students must meet the University ePortfolio requirements, making this class largely redundant. The foundation for Academic and Professional Development is laid in ENR 1010 and FNR 1020, and reinforced in upper division courses. Programmatic assessment data can be (and are being) collected in other ways (e.g., collecting artifacts in the classes in which they are produced). The Senior Portfolio class is being removed from the course map to focus the curriculum on other academic requirements. A slight adjustment in the number of elective credits required is made to maintain 120 required credits with the degree program.

Form Originator: ALANJ, Johnson, Alan R. Date Form Created: 3/12/2014

Form Last Updated by: ALANJ, Johnson, Alan R. Date Form Last Updated: 4/8/2014

Form Number: 7266

Approval

	4/9/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	4/9/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	President	Date



## 2015-2016 (Proposed) Environmental and Natural Resources – Conservation Biology Concentration

Freshman Year						
First Semester			Second Semester			
BIOL 1030	General Biology I	3	BIOL 1040	General Biology II	3	
BIOL 1050	General Biology Lab. I	1	BIOL 1060	General Biology Lab. II	1	
CH 1010	Chemistry Requirement	4	CH 1020	Chemistry Requirement	4	
MTHS 1020	Intro. to Mathematical Analysis	3	STAT 2300	Statistical Methods I	3	
ENR 1010	Intro to Environment & Natural Resources	1	ENGL 1030	Accelerated Composition	3	
Oral Communication Requirement <sup>1</sup>			3	FNR 1020	FNR Freshman Portfolio	1
Semester Hours: 15			Semester Hours: 15			
Sophomore Year						
First Semester			Second Semester			
AP EC 2570 <b>OR</b> ECON 2110	Natural Resources, Environment & Economics Principles of Microeconomics	3	GEN 3000	Fundamental Genetics	3	
BIOL 3200 + BIOL 3201	Field Botany	4	WFB 3130	Conservation Biology	3	
<b>OR</b>		2	Physical Environment Requirement <sup>2</sup>			3
FOR 2050 <b>AND</b> FOR 2210	Dendrology Forest Biology	3	Taxonomy/Habitat Requirement <sup>3</sup>			3
FNR 2040 <b>OR</b> PES 2020	Soil Information Systems Soils	4	Arts and Humanities (Literature) Requirement <sup>1</sup>			3
CH 2230	Organic Chemistry	3				
Semester Hours: 15			Semester Hours: 15			
Junior Year						
First Semester			Second Semester			
BIOL 3350	Evolutionary Biology	3	ENGL 3140	Technical Writing	3	
Arts and Humanities (non-literature) Requirement <sup>1</sup>		3	ENR 3020	Natural Resources Measurements	3	
Ecology Requirement <sup>4</sup>		3	Ecology Requirement <sup>4</sup>			3
Natural Resource Economics Requirement <sup>6</sup>		3	Physiology Requirement <sup>5</sup>			3
Taxonomy/Habitat Requirement <sup>3</sup>		3	Taxonomy/Habitat Requirement <sup>3</sup>			3
Semester Hours: 15			Semester Hours: 15			
Senior Year						
First Semester			Second Semester			
Social Science Requirement <sup>1</sup>		3	ENR 4130	Restoration Ecology	3	
FOR 4340	GIS for Landscape Planning	3	ENR 4500	Conservation Issues	3	
Conservation Policy/Law Requirement <sup>7</sup>		3	<del>FOR 4980</del> <b>OR</b> <del>WFB 4980</del>	<i>Senior Portfolio</i> <i>Senior Portfolio</i>	4	
Internship, Creative Inquiry or Directed Research <sup>8</sup>		3	Taxonomy/Habitat Requirement <sup>3</sup>			6
Taxonomy/Habitat Requirement <sup>3</sup>		3	Elective			3
Semester Hours: 15			Semester Hours: 15			

### 120 Total Semester Hours

<sup>1</sup> See General Education Requirements. Three of these credits must also satisfy the Cross-Cultural Awareness Requirement.  
(Note: Social Science Requirement must be in an area other than economics or applied economics)

<sup>2</sup> GEOL 1010, or PHYS 2400

<sup>3</sup> AGM 3010, BIOL 3020/3060, 3030/3070, 3040/3080, 3050/3090, 3200, 4060/4070, 4100/4110, 4170, 4420, 4640, 4680, 4720, 4770, 4860, ENT (BIOL) 3010, (ENT, WFB) 4690, FOR 2510, 4060, GEOL 1120,

1140, 2100, 4030, MICRO 4030, WFB 3000, 4180, 4400, 4620 or 4760. At least four of the courses must be laboratories or courses with a required laboratory component.

<sup>4</sup> BIOL 4410, 4420, 4430, 4460, 4700, or FNR 4660

<sup>5</sup> AVS 3010+3011, BIOL 4010/4020, 4580, 4750, or (AVS) 4800

<sup>6</sup> AP EC 4750, CRD (AP EC) 3570, or FOR 3040

<sup>7</sup> ENR 4290, FOR 4000, 4160 or WFB 4300

<sup>8</sup> Internship (FNR 4900), Creative Inquiry (FNR 4700), Directed Research (WFB 4630) or FNR 4910 Senior Honors Thesis

Change Major Name: Enr (Natural Resources Management)

Degree: BS

Effective Catalog Year: 2015

.. 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 &gt; 18 hours of changes)

.. Change General Education Requirements

(Must also submit a General Education Checklist)

.. Add, Change or Delete Concentration(s)


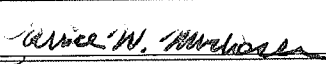
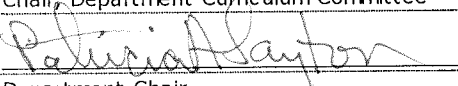
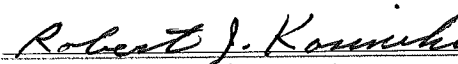
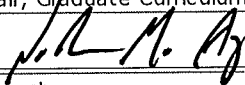
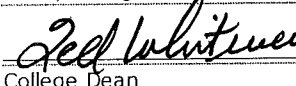

(Submit or upload Curriculum map in catalog format. CHE approval required)

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

**Explanation:** Drop requirement for FOR 4980 or WFB 4980 from the curriculum (2nd semester Senior Year)

General Education competencies are currently covered in other courses in the curriculum, and students must meet the University ePortfolio requirements, making this class largely redundant. The foundation for Academic and Professional Development is laid in ENR 1010 and FNR 1020, and reinforced in upper division courses. Programmatic assessment data can be (and are being) collected in other ways (e.g., collecting artifacts in the classes in which they are produced). The Senior Portfolio class is being removed from the course map to focus the curriculum on other academic requirements. The total number of required credit hours in the degree program is reduced from 122 to 121.

**Form Originator:** ALANJ, Johnson, Alan R. **Date Form Created:** 3/12/2014**Form Last Updated by:** ALANJ, Johnson, Alan R. **Date Form Last Updated:** 4/8/2014**Form Number:** 7267**Approval**

	4/9/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	4/9/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		4/11/14
College Dean	Date	President	Date

## 2015-2016 (Proposed) Environmental and Natural Resources – Natural Resources Management Concentration

Freshman Year					
First Semester			Second Semester		
BIOL 1030	General Biology I	3	BIOL 1040	General Biology II	3
BIOL 1050	General Biology Lab. I	1	BIOL 1060	General Biology Lab. II	1
CH 1050 OR 1010	Chemistry Requirement <sup>1</sup>	4	CH 1060 OR 1020	Chemistry Requirement <sup>1</sup>	4
MTHSC 1020	Intro. to Mathematical Analysis	3	STAT 2300	Statistical Methods I	3
ENR 1010	Intro to Environment & Natural Resources I	1	ENGL 1030	Accelerated Composition	3
Oral Communication Requirement <sup>2</sup>		3	FNR 1020	FNR Freshman Portfolio	1
Semester Hours: 15			Semester Hours: 15		
Sophomore Year					
First Semester			Second Semester		
FNR 2040+2041 OR CSEN 2020+2021	Soil Information Systems Soils	4	ENR 3020	Natural Resources Measurements	3
FOR 2050+2051	Dendrology	2	FOR 2060	Forest Ecology	3
FOR 2210	Forest Biology	3	WFB 3500	Principles of Fish & Wildlife Biology	3
WFB 3000	Wildlife Biology	3	Arts and Humanities (Non-Lit) Requirement <sup>2</sup>		3
Arts and Humanities (Literature) Requirement <sup>2</sup>		3	Social Science Requirement <sup>2</sup>		3
Semester Hours: 15			Semester Hours: 15		
Junior Year					
First Semester			Second Semester		
AP EC 2570 OR ECON 2110	Natural Resources, Environment & Economics Principles of Microeconomics	3	APEC 3570	Natural Resources Economics	3
BIOL 3200 OR BIOL 4060 AND BIOL 4070	Field Botany Introductory Plant Taxonomy Plant Taxonomy Lab	4 3 1	GEOL 1010	Physical Geology	3
ENR 4290 OR FOR 4000	Environmental Law and Policy Public Relations in Natural Resources	3	GEOL 1030	Physical Geology Laboratory	1
Elective		3	WFB 3130	Conservation Biology	3
Minor <sup>3</sup>		3	Minor <sup>3</sup>		6
Semester Hours: 16			Semester Hours: 16		
Senior Year					
First Semester			Second Semester		
FOR 4160	Forest Policy and Admin.	3	ENGL 3140	Technical Writing	3
FOR 4340	GIS for Landscape Planning	3	ENR 4500	Conservation Issues	3
Internship, Creative Inquiry or Directed Research <sup>4</sup>		3	FOR 4060	Forested Watershed Management	2
Elective		3	FOR 4980 OR WFB 4980	Senior Portfolio Senior Portfolio	4
Minor <sup>3</sup>		3	WFB 4620	Wetland Wildlife Biology	3
Semester Hours: 15			Minor <sup>3</sup>		3
Semester Hours: 15			Semester Hours: 14		

### 121 Total Semester Hours

<sup>1</sup> Conservation Biology Concentration or students planning on taking organic chemistry must take CH 1010 and CH 1020

<sup>2</sup> See General Education Requirements. Three of these credits must also satisfy the Cross-Cultural Awareness Requirement.  
(Note: Social Science Requirement must be in an area other than economics or applied economics.)

## Environmental Natural Resources (Continued) Page 2

## Natural Resource Management

<sup>3</sup> Minor: A minor is req. & must be selected from the following: Biochem.; Biol. Sci.; Chem.; Crop & Soil Env. Sci.; Env. Sci. & Pol.; For, Res. Mgmt.; Geol.; Hort.; Legal Studies; Microbiol.; Nat. Res. Econ.; Nonprofit Leadership; Park & Protected Area Mgmt.; Therapeutic Rec.; Travel & Tourism; Urban For.; Wildlife & Fisheries Biol.

<sup>4</sup> Internship (FNR 4900), Creative Inquiry (FNR 4700), Directed Research (WFB 4630) or FNR 4910 Senior Honors Thesis

000020

**Course Abbreviation & Number:**  
X New Undergraduate Course: BIOL- 2300  
.. New Honors Course: --  
.. New Graduate Course: -

**Effective Term:** 05/2014

**Catalog Title:** Emergency Medical Responder  
**Transcript Title:** Emergency Medical Responder

**Fixed Credit Course:** 3 (3,0)  
**Variable Credit Course:** - (-), (-)

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

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

**Catalog Description:** The Emergency Medical Responder course prepares students to provide emergency pre-hospital assessment and care for patients with a variety of medical conditions and traumatic injuries. Study areas include introduction to emergency medical services systems, EMR roles and responsibilities, anatomy and physiology, medical emergencies, trauma, and working in the pre-hospital setting.

**Prerequisite(s):** BIOL 1030, 1050, 1040, and 1060, or BIOL 1100 and 1110

**Projected Enrollment:**  
Year 1 - 25 Year 2 - 25 Year 3 - 30 Year 4 - 35

**Required course for students in:** NA

**Statement of need and justification based on assessment results of student learning outcomes:** There is increasing demand from graduate-level professional health care programs such as physical and occupational therapy, pharmacy, physician studies and even nursing for applicants who are already competent in emergency medical procedures. For example, MUSC's College of Health Professions requires applicants to have already spent up to 500 hours in "direct patient care." The purpose of this course is to allow students to enter this direct care role by obtaining emergency medical responder or certified nurse assistant (CNA) certification, and to earn Clemson academic credit while they are doing so.

**Textbook(s):** Limmer, D. (2010). EMR Complete: A Worktext. Upper Saddle River, NJ: Pearson Education. ISBN-10: 0-13-503771-9  
ISBN-13: 978-0-13-503771-3  
American Heart Association BLS Healthcare Provider Text

**Learning Objectives:**

1. Describe the roles of EMRs in the health care system.
2. Demonstrate the professional attributes expected of EMRs.
3. Perform the roles and responsibilities of an EMR while protecting personal safety and wellness, as well as the safety of others.
4. Perform the duties of an EMR while observing medical-legal and ethical standards, including functioning under medical direction and within the scope of practice.
5. Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.
6. Identify the need for and perform life-saving interventions to manage a patient's airway, breathing, and circulation.
7. Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic injuries.
8. Apply sound principles of emergency medical services operations in a variety of settings, including ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

**Topical Outline:** Section 1 Preparatory (6 hours)  
Introduction to EMS System  
Safety and Wellness  
Medical, Legal and Ethical Issues  
Medical Terminology  
Anatomy and Physiology  
Life Span Development  
Section 2 Airway and Cardiac Resuscitation (6 hours)

Airway Ventilation Management  
 Cardiac Resuscitation and Defibrillation  
 Section 3 Patient Assessment (6 hours)  
 Incident Scene Size-up  
 Patient Assessment – Primary and Secondary Communication and Documentation  
 Section 4 Medical Emergencies (6 hours)  
 Cardiac and Respiratory Emergencies  
 Altered Mental Status  
 Medical Emergencies  
 Section 5 Trauma (8 hours)  
 Trauma and Trauma Systems  
 Hemorrhage and Shock  
 Chest and Abdominal Emergencies  
 Soft Tissue and Musculoskeletal Injuries  
 Injuries to the Head and Spine  
 Environmental Emergencies  
 Section 6 Special Patient Populations (4 hours)  
 Obstetrics and Neonatal Care  
 Pediatric Emergencies  
 Geriatric Emergencies  
 Special Populations  
 Section 7 Operations (4 hours)  
 Emergency Systems Operations Incident Management  
 Special Operations  
 Terrorism and Natural Disasters  
 Exams (5 hours)

000021

**Evaluation:** Grading will be based upon the following:

Quizzes: 10 each worth 10 points  
 Exams: 5 worth 100 points  
 Final Exam: worth 200 points  
 A 720 – 800 points B 640 – 719 points C 560 – 639 points D 480– 559 points F < 480 points  
 In addition to the above, students may earn the following pass-fail certifications during the course:  
 FEMA National Incident Management System (NIMS) 700.a and 100.b Certification  
 Completion of National Registry EMR psychomotor skills exam  
 6 hours of Field Internship  
 Healthcare Provider Basic Life Support Certification

**Duplication (if applicable):** None.

**Form Originator:** RJKSN, Kosinski, Robert J **Date Form Created:** 2/17/2014  
**Form Last Updated by:** RJKSN, Kosinski, Robert J **Date Form Last Updated:** 3/13/2014  
**Form Number:** 7131

**Approval**

<i>Robert J. Kosinski</i>	3/13/14	<i>Carrie W. Mink</i>	5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
<i>B. St. Ger</i>	3/13/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
<i>Robert J. Kosinski</i>	3/13/14	<i>John M. Hoff</i>	6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
<i>Paul Whitmore</i>	3/24/14	<i>James P. Clemente</i>	7/11/14
College Dean	Date	President	Date
Director, Calhoun Honors College	Date		

**Change Major Name:** Forest Resource Management

**Degree:** BS

**Effective Catalog Year:** 2015

**.. 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 &gt; 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:** Drop requirement for FOR 4980 from the curriculum (2nd semester Senior Year)


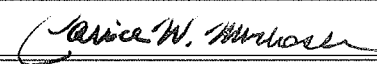

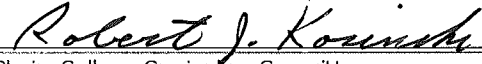
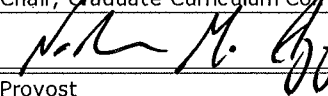
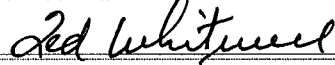

General Education competencies are currently covered in other courses in the curriculum, and students must meet the University ePortfolio requirements, making this class largely redundant. The foundation for Academic and Professional Development is laid in ENR 1010 and FNR 1020, and reinforced in upper division courses. Programmatic assessment data can be (and are being) collected in other ways (e.g., collecting artifacts in the classes in which they are produced). The Senior Portfolio class is being removed from the course map to focus the curriculum on other academic requirements. The total number of required credit hours in the degree program is reduced from 131 to 130.

**Form Originator:** ALANJ, Johnson, Alan R. **Date Form Created:** 3/12/2014

**Form Last Updated by:** ALANJ, Johnson, Alan R. **Date Form Last Updated:** 4/8/2014

**Form Number:** 7268

**Approval**

	4/9/14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	4/9/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	President	Date



## Proposed 2015-2016 Forest Resources Management

Freshman Year					
First Semester			Second Semester		
BIOL 1030	General Biology I	3	BIOL 1040	General Biology II	3
BIOL 1050	General Biology Lab. I	1	BIOL 1060	General Biology Lab. II	1
CH 1010	General Chemistry	4	ENGL 1030	Accelerated Composition	3
ENR 1010	Intro to Environment & Natural Resources I	1	STAT 2300	Statistical Methods I	3
MTHSC 1020	Intro. to Mathematical Analysis	3	FNR 1020	FNR Freshman Portfolio	1
Oral Communication Requirement <sup>1</sup>		3	Departmental Science Requirement <sup>2</sup>		4
Semester Hours: 15			Semester Hours: 15		
Sophomore Year					
First Semester			Second Semester		
FNR 2040	Soil Information Systems	4	ENGL 3140	Technical Writing	3
FOR 2050	Dendrology	2	FOR 2060	Forest Ecology	3
FOR 2210	Forest Biology	3	Arts and Humanities (Non-Lit.) Requirement <sup>1</sup>		3
Arts and Humanities (Lit.) Requirement <sup>1</sup>		3	Social Science Requirement <sup>1</sup>		3
Economics Requirement <sup>3</sup>		3	Minor Requirement <sup>4</sup>		3
Semester Hours: 15			Semester Hours: 15		
Forestry Summer Camp					
FOR 2510	Forest Communities	2	FOR 2530	Forest Mensuration	4
FOR 2520	Forest Operations	1	FOR 2540	Forest Products	1
Semester Hours: 8					
Junior Year					
First Semester			Second Semester		
FOR 3020	Forest Biometrics	2	FOR 3080	Remote Sensing in Forestry	2
FOR 3040	Forest Resource Economics	3	FOR 4080	Wood and Paper Products	3
FOR 3410	Wood Procurement Practices in Forest Indust.	3	FOR 4180	Forest Resource Valuation	3
FOR 4130	Integrated Forest Pest Management	4	FOR 4650	Silviculture	4
FOR (ENR) 4340	GIS for Landscape Planning	3	Minor Requirement <sup>4</sup>		3
Internship, Creative Inquiry or Directed Research Requirement <sup>5</sup>		1	Internship, Creative Inquiry or Directed Research Requirement <sup>5</sup>		1
Semester Hours: 16			Semester Hours: 16		
Senior Year					
First Semester			Second Semester		
FOR 4100	Harvesting Processes	4	FNR 4990	Natural Resources Seminar	1
FOR (ENR) 4160	Forest Policy and Administration	3	FOR 4060	Forested Watershed Management	2
FOR 4170	Forest Resource Management and Regulation	3	FOR 4150	Forest Wildlife Management	3
FOR 4310	Recreation Resource Planning in For. Mgmt.	2	FOR 4250	Forest Resource Management Plans	2
Minor Requirement <sup>4</sup>		3	FOR 4980	Senior Portfolio	4
Internship, Creative Inquiry or Directed Research Requirement <sup>6</sup>		1	Minor Requirement <sup>4</sup>		6
Semester Hours: 16			Semester Hours: 14		

**130 Total Semester Hours**

- <sup>1</sup> See General Education Requirements. Three of these credits must also satisfy the Cross-Cultural Awareness Requirement. (Note: Social Science Requirement must be in the area other than economics and applied economics.)
- <sup>2</sup> CH 1020 or PHYS 2000 or higher level general physics course.
- <sup>3</sup> APEC 2570, ECON 2000, 2110 or 2120.
- <sup>4</sup> To be selected by the middle of the sophomore year.
- <sup>5</sup> FNR 4700, 4900, or FOR 4190.

**CLEMSON**  
UNIVERSITY

**Curriculum and Course Change System - Print Major Form**

**Change Major Name:** Forest Resource Management - *Land Surveying Emphasis*

**Degree:** BS

**Effective Catalog Year:** 2015

**.. 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)

**X Add, Change or Delete Emphasis Area(s)**

**Explanation:** Drop requirement for FOR 4980 from the curriculum (2nd semester Senior Year) for the Land Surveying Emphasis Area.

General Education competencies are currently covered in other courses in the curriculum, and students must meet the University ePortfolio requirements, making this class largely redundant. The foundation for Academic and Professional Development is laid in ENR 1010 and FNR 1020, and reinforced in upper division courses. Programmatic assessment data can be (and are being) collected in other ways (e.g., collecting artifacts in the classes in which they are produced). The Senior Portfolio class is being removed from the course map to focus the curriculum on other academic requirements. The total number of required credit hours for the degree/emphasis area is reduced from 130 to 129.

**Form Originator:** ALANJ, Johnson, Alan R. **Date Form Created:** 3/12/2014

**Form Last Updated by:** ALANJ, Johnson, Alan R. **Date Form Last Updated:** 4/8/2014

**Form Number:** 7269

**Approval**

<i>Alan R. Johnson</i>	<i>4/9/14</i>	<i>Patricia W. Whitener</i>	<i>5/2/2014</i>
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
<i>Patricia H. Bayton</i>	<i>4/9/14</i>		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
<i>Robert J. Kocinski</i>	<i>4/10/14</i>	<i>J. M. Hoff</i>	<i>6/25/14</i>
Chair, College Curriculum Committee	Date	Provost	Date
<i>Zed Whitener</i>	<i>4/10/14</i>	<i>James P. Clemente</i>	<i>7/11/14</i>
College Dean	Date	President	Date

## Proposed 2015-2016 Forest Resources Management – Land Surveying Emphasis

Freshman Year					
First Semester			Second Semester		
BIOL 1030	General Biology I	3	BIOL 1040	General Biology II	3
BIOL 1050	General Biology Lab. I	1	BIOL 1060	General Biology Lab. II	1
CH 1010	General Chemistry	4	ENGL 1030	Accelerated Composition	3
ENR 1010	Intro to Environment & Natural Resources I	1	STAT 2300	Statistical Methods I	3
MTHSC 1020	Intro. to Mathematical Analysis	3	FNR 1020	FNR Freshman Portfolio	1
Oral Communication Requirement <sup>1</sup>		3	CH 1020 or PHYS 2000 or higher general physics <sup>2</sup>		
Semester Hours: 15			Semester Hours: 15		
Sophomore Year					
First Semester			Second Semester		
FNR 2040	Soil Information Systems	4	EG 2100	Engineering Graphics for Civil Engr.	2
FOR 2050	Dendrology	2	ENGL 3140	Technical Writing	3
FOR 2210	Forest Biology	3	FOR 2060	Forest Ecology	3
Arts and Humanities (Lit.) Requirement <sup>1</sup>		3	Arts and Humanities (Non-Lit.) Requirement <sup>1</sup>		
Economics Requirement <sup>3</sup>		3	Social Science Requirement <sup>1</sup>		
Semester Hours: 15			Semester Hours: 14		
Forestry Summer Camp					
FOR 2510	Forest Communities	2	FOR 2530	Forest Mensuration	4
FOR 2520	Forest Operations	1	FOR 2540	Forest Products	1
Semester Hours: 8					
Junior Year					
First Semester			Second Semester		
FOR 3020+3021	Forest Biometrics	2	AGM 2210	Surveying: Earthwork & Area Meas.	2
FOR 3040	Forest Resource Economics	3	FOR	Remote Sensing in Forestry	2
FOR 3410	Wood Procurement Practices in Forest Indust.	3	FOR 4080	Wood and Paper Products	3
FOR 4130	Integrated Forest Pest Management	4	FOR 4180	Forest Resource Valuation	3
FOR (ENR) 4340	GIS for Landscape Planning	3	FOR 4650	Silviculture	4
Semester Hours: 15			Semester Hours: 14		
Summer					
FNR 4900	Field Training In Natural Resources <sup>4</sup>	3			
Senior Year					
First Semester			Second Semester		
FOR 4100	Harvesting Processes	4	BE 3220	Small Watershed Hydrology & Sedimentology	3
FOR (ENR) 4160	Forest Policy and Administration	3	FNR 4990	Natural Resources Seminar	1
FOR 4170	Forest Resource Management and Regulation	3	FOR 4060	Forested Watershed Management	2
FOR 4310	Recreation Resource Planning in For. Mgmt.	2	FOR 4150	Forest Wildlife Management	3
FOR 4330	GPS Applications	3	FOR 4250	Forest Resource Management Plans	2
			FOR 4980	Senior Portfolio	4
			LAW 3330	Real Estate Law	3
Semester Hours: 15			Semester Hours: 14		

**128 Total Semester Hours**

<sup>1</sup> See General Education Requirements. Three of these credits must also satisfy the Cross-Cultural Awareness Requirement. (Note: Social Science Requirement must be in the area other than economics or applied economics.)

<sup>2</sup> See Advisor. *We highly recommend PHYS 2000 or higher general physics so that you have the correct pre-requisites for subsequent courses.*

<sup>3</sup> APEC 2570, ECON 2000, 2110 or 2120

<sup>4</sup> Summer internship must be in land surveying.

**X Change a Course - Abbrev & Number: MICR- 2050**  
 Corresponding Lab Course: MICR--2051  
 Corresponding Honors course: --  
 .. **Add Honors course:** --  
 Corresponding Graduate course: --  
 .. **Add Graduate course:** --  
**Course Title: Introductory Micro**

**Brief Statement of Change:**  
 We wish to delete one of the prerequisites, CH 1020. We have found that the content of CH 1010 is sufficient to allow success in the course.

Last Term taught: 201308 .. **Change Abbrev to:**  
 Effective Term: 05/2014 .. **Change Number to:**  
 .. **Change Catalog Title:** .. **Change Transcript Title:**  
 from: from: Introductory Micro  
 to: to:

.. From: Fixed Credit: 4 (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:**

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

.. **Change Catalog Description:**  
**from:**  
**to:**  
**X Change Prerequisite(s):** 1110  
**from:** CH 1010 and 1020, and BIOL 1030 and 1050. Coreq: MICR 2051.  
**to:** CH 1010, and BIOL 1030 and 1050. Coreq: MICR 2051.  
**Learning Objectives:**  
**Topical Outline:**  
**Evaluation:**

**Form Originator:** RJKSN, Kosinski, Robert J **Date Form Created:** 3/28/2014  
**Form Last Updated by:** RJKSN, Kosinski, Robert J **Date Form Last Updated:** 3/28/2014  
**Form Number:** 7324

**Approval**

<i>Robert J. Kosinski</i>	3/28/14	<i>Patricia W. Anderson</i>	5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
<i>Robert Olsen</i>	3/31/14		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
<i>Robert J. Kosinski</i>	4/10/14	<i>John M. Ayob</i>	6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
<i>Zed Whitwell</i>	4/10/14	<i>James P. Clemente</i>	7/11/14
College Dean	Date	President	Date



000029

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

X **Change a Course - Abbrev & Number: BCHM- 3050**

Corresponding Lab Course: --  
 Corresponding Honors course: --  
 .. **Add Honors course:** --  
 Corresponding Graduate course: --  
 .. **Add Graduate course:** --  
**Course Title: Essen Elements Bioch**

**Brief Statement of Change:**

Genetics and Biochemistry has a written agreement in place that Bioengineering majors may take BIOE 1010 as the biology prerequisite for this course. We would like to formally add that to the prerequisite list.

Last Term taught: 201308 .. **Change Abbrev to:**  
 Effective Term: 01/2015 .. **Change Number to:**

.. **Change Catalog Title:** .. **Change Transcript Title:**  
 from: from: Essen Elements Bioch  
 to: to:

.. **Change of Credit:** From: Fixed Credit: 3 (3,0) To: Fixed 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:**

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

.. **Change Catalog Description:**  
 from:  
 to:

X **Change Prerequisite(s):**  
 from: Preq: CH 2010 or CH 2230; and BIOL 1030 or BIOL 1100  
 to: Preq: CH 2010 or CH 2230; and BIOL 1030, BIOL 1100, or BIOE 1010.

**Learning Objectives:**

**Topical Outline:**

**Evaluation:**

**Form Originator:** CHERYLI, Ingram-Smith, Cheryl Jean **Date Form Created:** 4/7/2014  
**Form Last Updated by:** CHERYLI, Ingram-Smith, Cheryl Jean **Date Form Last Updated:** 4/7/2014  
**Form Number:** 7371

**Approval**

	4-7-14		5/2/2014
Chair, Department Curriculum Committee	Date	Chair, Undergraduate Curriculum Committee	Date
	04/07/2014		
Department Chair	Date	Chair, Graduate Curriculum Committee	Date
	4/10/14		6/25/14
Chair, College Curriculum Committee	Date	Provost	Date
	4/10/14		7/11/14
College Dean	Date	President	Date

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Director, Calhoun Honors College

Date

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