



## MEMORANDUM

TO: Jeremy King, Institutional Effectiveness and Assessment  
Robert Jones, Vice President for Academic Affairs and Provost

FROM: John D. Griffin, Chair, Undergraduate Curriculum Committee

DATE: March 1, 2018

SUBJECT: Administrative Approval of Curriculum Items

ASSOCIATE PROVOST  
AND DEAN  
UNDERGRADUATE  
STUDIES

Clemson University  
E101 Martin Hall  
Clemson, SC  
29634

The Undergraduate Curriculum Committee met on February 2, 2018 to approve the attached curriculum/course changes received in the Office of the Provost, March 1, 2018. We respectfully request that you review this information and concur by giving final signature approval.

APPROVED:

 DATE 3/6/18  
DR. JEREMY KING, INSTITUTIONAL EFFECTIVENESS AND ASSESSMENT

 DATE 3/30/2018  
DR. ROBERT JONES, VICE PRESIDENT FOR ACADEMIC AFFAIRS & PROVOST

/rft

C: File

Attachments

P 864-656-3942  
F 864-656-1363

AGENDA  
**University Undergraduate Curriculum Committee Meeting**  
Friday—February 02, 2017 —1:30 PM  
E304 Martin Hall

- I. Call to order**
- II. Introductions**
- III. Consideration of December meeting minutes**
- IV. New Business**
- V. Old Business**
  - A. Gen Ed Task Force Update – Trogden
  - B. Industrial Engineer – Change major tabled at April 2017 meeting
- VI. Committee reports**
  - A. Arts & Humanities – Bruce Whisler
  - B. Mathematical & Natural Sciences – Bob Kosinski
  - C. Social Science – Laura Olson -
  - D. Cross Cultural Awareness – Mike Coggeshall
  - E. Science & Technology in Society – Pam Mack
  - F. Ethical Judgment – John Griffin
  - G. Critical Thinking – Sarah Winslow
  - H. Communication – Cameron Bushnell
- VI. Curricula/course approvals - attached**
- VII. Other business**
- VIII. Adjourn**

University Undergraduate Curriculum Committee  
Minutes Meeting  
E304 Martin Hall  
December 1, 2017, 1:30 PM

**Members Present:** Jeff Appling, acting chair; John Griffin; Paula Agudelo; Dale Layfield; Anderson Wrangle for Sallie Hambright-Belue; Keith Morris; Laura Olson for Mike Coggeshall; Joe Mazer; Mindy Spearman; Burak Eksioglu; Chris Kitchens; Chad Sosolik; Bob Kosinski; Jack Wolf; Ed Rock; Shannon Clark; Sissy Hamby; Pam Mack; Scott Phillips; LeDon Wilson; Blake Snider; Donna Barrett and Rhonda Todd

**Guests:** Katherine Weisensee (SocAnthCJ)

Appling convened the meeting at 1:33 PM

**Introductions**

Appling welcomed the committee.

**Approval of minutes**

The committee approved the November meeting minutes.

**New Business**

**Old Business**

- A. General Education Task Force Update – Wolf reported that the Task Force broke up into three sections. Group one provided forums for faculty to come and share ideas; the second group reviewed the ideas; and the third group looked at setting up a General Education Subcommittee that would report to the Faculty Senate. Two forums in November had 113 in attendance. The Task Force will meet next week. The Task Force wants to have rubrics and outcomes by the end to the year.
- B. Committee Reports
  - a. Arts & Humanities – Bruce Whisler
  - b. Mathematical & Natural Sciences – Bob Kosinski
  - c. Social Science – Laura Olson
  - d. Cross Cultural Awareness – Mike Coggeshall
  - e. Science & Technology in Society – Pam Mack – The UCC approved MATH 2190: Introduction to Cryptography for STS credit.
  - f. Ethical Judgment – John Griffin
  - g. Critical Thinking – Sarah Winslow
  - h. Communication – Cameron Bushnell

**Curriculum/course approval –**

A motion was made to approve all deletions and prerequisite changes. All agreed.

See attached course list. Items in gray were tabled/withdrawn.

### **Other Business**

Appling reported that the Catalog is live online and we are about to receive the keys to Curriculog. He stated that we will spend the spring testing the system, and providing opportunities to train and use the system. Our goal is to release Curriculog in the fall 2018.

The meeting adjourned at 3:28 PM.

Minutes respectfully submitted by Rhonda Todd

<b>I. College of Engineering, Computing and Applied Sciences</b>					
				Memo - Suggested updates to Catalog	1
	A.	General Engineering			
				Changes in DW for BSIE Degree	4
	B.	Bioengineering			
			BIOE 4120/6120	Orthopaedic Engineering & Path.- change prerequisite	5
			BIOE 4230/6230	Cardiovascular Engineering & Path.- change prerequisite	7
			BIOE 4480	Tissue Engineering- change prerequisite	9
			BIOE 4450/6450	Bio fabrication- add course	11
			BIOE 4451/6451	Bio fabrication- add course	13
	C.	Engineering Science & Education			
			ESED 1990	CI in ESED I- add course	15
			ESED 2990	CI in ESED II- add course	17
			ESED 3990	CI in ESED III- add course	19
			ESED 4990	CI in ESED IV- add course	21
			ESED 4910	Undergraduate Research- add course	23
	D.	Materials Science & Engineering			
			MSE 3270	Transport Phenomena- change course	25
			MSE 3900	Selected Topics Laboratory- add course	27
			MSE 4910	Undergraduate Research- change course	30
	E.	School of Computing			
			CPSC 4440/6440	Cloud Computing Architecture- add course	33
				BS Computer Science- change major	36
				BA Computer Science- change major	39
				BS Computer Info Systems- change major	42
				Digital Production Arts- change minor	45
	F.	Environmental Engineering and Science			
			EES 4100/6100	Environmental Radiation Protection I- change course	48
			GEOL 3700	Western U.S. Field Study- change course	50
	G.	Electrical & Computer Engineering			
			ECE 4590	Int. Circ Design- change prerequisite	53
				BS Computer Engineering- change major	55
				BS Electrical Engineering- change major	58
			ECE 4350/6350	Grounding and Shielding- change course	61
	H.	Automotive Engineering			
			AUE 4011/6011	Vehicle Dynamics Lab- change course	63
	I.	Sustainability			
				Sustainability - change minor	65
<b>II. College of Behavioral, Social and Health Sciences</b>					
	A.	Department of Psychology			
				Fundamentals of Psychological Science- blanket substitution	70
				BA Psychology- change major	72
				BS Psychology - change major	77
	B.	Department of Parks, Recreation and Tourism Management			
			PRTM 4350/6350	GIS for PRTM- add course	83

## Approved Courses/Curricula

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C.	School of Nursing				
				BS Nursing- change major	86
D.	Department of Public Health Sciences				
		Retracted		BS Health Science Cardiovascular Imaging Lead concen- change ma	88
E.	Department of Sociology, Anthropology and Criminal Justice				
		JUST 4680		Criminal Evidence- change undergraduate course	92
		JUST 3980		Computer Crime- change undergraduate course	94
		JUST 4970		Criminal Justice Capstone- change prerequisite/corequisites	96
		JUST 4940		Organized Crime- change undergrad course	98
		JUST 4920		Justice Leadership Practicum- change prerequisite/corequisites	100
		JUST 4290		Justice Administration- change undergrad course	102
				Criminal Justice major- gen ed checklist	104
				BA Criminal Justice- change major	106
				BS Criminal Justice- change major	112
				BS Anthropology- change major	118
				BA Anthropology- change major	120
		ANTH 3250		Anthropology of Food- add undergraduate course	122
		ANTH 4800/680		Business Anthropology- add course	124
				BA Sociology- change major	127
				BS Sociology- change major	133
				Sociology major- gen ed checklist	138
		SOC 3020		Research Methods I- change prerequisites	140
		SOC 4060/6060		Qual Res Meth for Soc Sciences- add course	143
		RS 3030		Methods of Social Research I- delete undergrad course	146
		RS 3031		Methods of Social Res I Lab- delete undergrad course	148
		SOC 3560		Entrepreneurship- delete undergrad course	150
		SOC 3030		Methods of Social Research I- delete undergrad course	152
		SOC 3031		Methods of Social Res I Lab- delete undergrad course	154
		SOC 2350		Intro Leadership- delete undergrad course	156
III.	College of Agriculture, Forestry, and Life Sciences				
A.	Department of Forestry and Environmental Conservation				
	Tabled	ENR 4130/6130		Restoration Ecology- change course	158
	Tabled	ENR 4131/6131		Restoration Ecology lab- add course	165
				Memo - Blanket Substitutions	168
B.	Agricultural Mech and Business				
				BS Agricultural Mech and Business - change major	261
				BS Agribusiness - change major	267
		AGRB 3510		Principles of Ag Sales and Ad - change course	271
C.	Animal and Veterinary Science				
				BS Animal and Veterinary Science - change major - Pre-Vet	274
				BS Animal and Veterinary Science - change major - AVS Concentra	280
				BS Animal and Veterinary Science - change major - Equine	285
D.	Environmental and Natural Resources				
				BS Conservation Biology - change major	291
				BS Forest Resource Mgt. - change major	295
				BS Land Surveying Emphasis - change major	299

## Approved Courses/Curricula

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	E. Wildlife and Fisheries Biology			
	Tabled	WFB 4180	Fisheries Mgmt & Conservation - change course	303
	Tabled	WFB - 4181	Fisheries Mgmt & Conservation Lab - change course	305
		WFB - 4610	Quantitative Ecology	307
		WFB - 4700	Human Dimensions of Fisheries - change course	309
		WFB-4701	Human Dimensions of Fisheries Lab - change course	312
			BS Wildlife and Fish Biology - change major	315
<b>IV.</b>	<b>College of Architecture, Arts and Humanities</b>			
	A.	Department of Art		
			Bachelor of Fine Arts Art- change major	169
	B.	Department of Languages		
			BS Language and Inter Hlth- change major	172
			Memo - ASL Modern Language	177
<b>V.</b>	<b>College of Education</b>			
	A.	Early Childhood Education		
			BA Early Childhood Education- change major	178
	B.	Elementary Education		
			BA Elementary Education- change major	182
	C.	Secondary Education		
			BS Mathematics Teaching- change major	188
			BS Physical Science Emphasis- change major	192
			BS Science Teaching- change major	196
			BA Science Teaching- change major	200
<b>VI.</b>	<b>College of Science</b>			
	A.	Department of Biological Sciences		
		BIOL 3940	Sel Topics in Creative Inq I- change undergraduate course	204
		BIOL 4910	Undergrad Research in Biol Sci- change undergraduate course	209
		BIOL 4560/6560	Medical & Veterinary Parasitology- change prerequisite/corequisite	213
			BA Biological Sciences- change major	215
			BA Biological Sciences Prerehabilitation emphasis- change major	218
			BS Biological Sciences- change major	221
			BS Biological Sciences Prepharmacy emphasis- change major	224
			BS Biological Sciences Toxicology Emphasis- change major	227
			BS Microbiology- change major	230
			BS Microbiology Biomed concentration- change major	233
			Microbiology- change minor	236
	B.	Department of Chemistry		
		CH 4900	REU for Visiting Undergrads- add undergraduate course	239
			BS Chemistry- change major	242
	C.	Department of Physics and Astronomy		
		PHYS 4900	REU for Visiting Undergrads- add undergraduate course	246
<b>VII.</b>	<b>College of Business</b>			
	A.	Management		

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				Memo - Entrepreneurship Minor	248
				Entrepreneurship Minor - change	249
				BS Management - change major	251
			MGT 4050	Leadership Development - add new course	258
	B.	Finance			
			FIN 3110	Financial Management I	254
VIII.	Honors				
			HON 4000	Honors Contract - change course	256



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