



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 *JDG*

DATE: March 28, 2017

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 3, 2017 to approve the attached curriculum/course changes received in the Office of the Provost, March 28, 2017. The purpose of this memorandum is to respectfully request that you review this information and concur by giving final signature approval.

APPROVED:

Jeremy King DATE 3/30/17

DR. JEREMY KING, INSTITUTIONAL EFFECTIVENESS AND ASSESSMENT

Robert Jones DATE 4/12/17

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 3, 2017 —1:30 PM
E304 Martin Hall

- I. Call to order**
- II. Introductions**
- III. Consideration of November and December meeting minutes**
- IV. New Business**
- V. Old Business**
- 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 – Dan Wueste
 - G. Critical Thinking – Sarah Winslow
 - H. Communication – Cameron Bushnell
- VI. Curricula/course approvals - attached**
- VII. Other business**
- VIII. Adjourn**

MEMORANDUM

TO: Office of the Registrar
Clemson University

FROM: Morgan McConnell, Academic Advisor
Department of Marketing

THROUGH: Dr. Roger Gomes, Departmental Curriculum Chair
Department of Marketing

DATE: February 1, 2017

SUBJECT: Curriculum Updates for Marketing

DEPARTMENT OF MARKETING

Clemson University
262 Surrine Hall
Clemson, SC 29634-1325

P 864-656-2290
F 864-656-0138

In November 2016, the University Undergraduate Curriculum Committee approved changes to the Marketing curriculum to permit students additional options for several of the major requirements (pp. 168-175 of the November 2016 UUCC agenda). We would like to request approval for blanket substitutions to allow the same options for students on the 2013-2014, 2014-2015, 2015-2016, and 2016-2017 curriculum years. Specifically, the substitutions would be:

- FIN 3110 as a substitute for FIN 3060
- ACCT 3030 as a substitute for ACCT 2020
- CPSC 2200 as meeting the Professional Development requirement (footnote 2 in the Marketing curriculum course map)

University Undergraduate Curriculum Committee
Minutes Meeting
E304 Martin Hall
November 4, 2016, 1:30 PM

Members Present: Jeff Appling, acting chair; Andrew Levin; Mike Coggeshall; Lee Crandall; Pamela Dunston; Roger Gomes; Chris Kitchens; Bob Kosinski; Dale Layfield; Jason Lucas; Mindy Spearman; Paula Agudelo; Jack Wolf; Leland Dunwoodie; Reagan Blondeau; Donna Barrett; Shannon Clark; Pam Mack; Carol Pelletier; Sissy Hamby; David Knox; Blake Snider; LeDon Wilson and Rhonda Todd

Guests: Jeryl Jones; Matthew Klein; Burak Eksioglu; John Hannah; Penny Brunner

Appling convened the meeting at 1:30 PM

Introductions

Appling welcomed the committee.

Approval of minutes

The committee approved the October meeting minutes.

New Business

Old Business

- A. Appling reminded the committee of the hard deadline of November 14 for the December curriculum items.

- 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 – Mack made recommendation to the committee to accept PES 4760 for STS General Education credit. Approved.
 - f. Ethical Judgment – John Griffin
 - g. Critical Thinking – Sarah Winslow
 - h. Communication – Cameron Bushnell

Curriculum/course approval – See attached course list. Items in gray were tabled.

A motion was made to accept all deletions, Coggeshall seconded the motion, the committee approved. Wolf stated that he would like to discuss one of the deletions and will do so in the order on the agenda.

A motion was made to accept all prerequisite changes only, Coggeshall seconded the motion, the committee approved.

Other Business

The meeting adjourned at 2:48 PM.

Minutes respectfully submitted by Rhonda Todd

Rhonda Todd

From: Pamela Mack
Sent: Thursday, October 27, 2016 10:18 AM
To: Rhonda Todd
Cc: Jeffrey Appling
Subject: STS report for UUCC

The STS subcommittee of the University Undergraduate Curriculum Committee, Christine Minor, Ian Walker, and Pam Mack, recommend the approval of PES 4760 for STS general education credit. The course was approved at last month's UUCC meeting.

Pam Mack

I.	College of Architecture, Arts and Humanities			
	A.	Construction Science Management		
		CSM 1500	Constr Prob Solving-delete undergraduate course	1
		CSM 3060	Emerging Technologies in Construction - new course	3
		CSM 3061	Emerging Technologies in Construction Lab - new course	6
	Tabled	CSM 3030	Soils & Foundations-delete undergraduate course	9
	Tabled		Construction Sci and Mgt - change major	11
	Tabled		General Education Checklist	13
	B.	Department of English		
		ENGL 1030	Accelerated Composition-change undergraduate course	15
			Writing-change minor requirements	26
	Tabled		BA English-change major requirements	28
	Tabled		General Education Checklist	38
	C.	Department of History		
		HIST 3350	History of South Asia 1500-present-add undergraduate course	40
	D.	Production Studies in Performing Arts		
		MUSC 1420	Music Theory I-change undergraduate course	42
		MUSC 1440	Music Theory II-change undergraduate course	45
		MUSC 2420	Music Theory III-change undergraduate course	48
		MUSC 2440	Music Theory IV-add undergraduate course	51
		MUSC 3430	Men's Small Ensemble-delete undergraduate course	54
		MUSC 3440	Vocal Jazz Ensemble-delete undergraduate course	56
		MUSC 3450	Chamber Choir-add undergraduate course	58
		PA 1030	Portfolio I-delete undergraduate course	63
		PA 4010	Capstone Project-change undergraduate course	65
		PA 4030	Portfolio II-delete undergraduate course	68
		THEA 3850	Entertainment Rigging-add undergraduate course	70
		THEA 3851	Entertainment Rigging Lab-add undergraduate course	73
			Music-change minor requirements	76
			BA Audio Technology Emphasis-change major requirements	79
			General Education Checklist	81
			BA Prod Stu in Perform Music Concentration-change major requirements	86
			BA Prod Stu in Perform Theatre Concentration-change major requiremen	91
II.	College of Engineering, Computing and Applied Science			
	A.	Industrial Engineering		
		IE 2100	Des. Analysis Work Sys - change	96
		IE 3600	Industrial Apps of Prob/Stat I - change	98
		IE 3800	Deterministic Operations Rsrch - change	100
		IE 3810	Probabilistic Operations Rsrch - change	102
		IE 3840	Eng Econ Analysis - change	104
		IE 4400	Decision Support Sys - change	106
		IE 4670	System Design II - change	108

	B.	Environmental Engineering & Earth Science		
		BE 4210/6210	Engr. Sys Sw Mgmt - change	110
		BE 4240/6240	Ecological Engineering - change	114
		BE 4270/6270	Ecohydrology - new course	118
	Tabled	GEOL - 3800	Caribbean Field Studies - new course	122
	C.	Minor - Nuclear Engineering and Radiological Sciences - change minor		124
	D.	Mechanical Engineering		
			General Education Checklist - BS Mechanical Engineering	126
	E.	Material Science & Engineering		
		MSE 4910	Undergraduate Research - change	129
	F.	School of Computing		
		CPSC 4200	Computer Security Principles - change course	132
		CPSC 4240	System Admin and Security - change course	134
			General Education Checklist - BS Computer Science	136
		DPA 1990	CI Production Arts - new course	139
		DPA 3990	CI Digital Production - new course	142
		DPA 4810	Independent Study - new course	145
		DPA 4820/6820	Special Topics in Digital Production Arts - new course	148
		DPA 4830/6830	Studio Topics in Digital Production Arts - new course	151
	G.	Civil Engineering		
		CE 2010	Statics - change course	154
		CE 2060	Structural Mechanics - change course	156
		CE 3510	CE Materials - change course	158
III.	College of Business			
	A.	Army ROTC		
			Military Leadership-add minor	160
	B.	Marketing		
			Sales Engineering Certificate-add major	162
			Marketing Bachelors-change major	168
IV.	College of Agriculture, Forestry and Life Science			
	A.	Plant and Environmental Sciences		
		PES 2010	Selected Topics in Plant & Env-add undergraduate course	176
	Tabled	HORT 4560	Vegetable Crops-change undergraduate course	179
	Tabled	HORT 4561	Vegetable Crops Lab-add undergraduate course	181
		PLPA 4250/6250	Intro Mycology-change course	184
	B.	Agricultural Sciences		
		AGRB 3510	Principles of Advertising-change undergraduate course	186

	C.	Animal & Veterinary Sciences		
			Equine Industries-change minor requirements	189
			BS Animal & Veterinary Sc-change major	191
			BS Animal & Veterinary Sc-change major	195
			BS Animal & Veterinary Sc-change major	200
	D.	Forestry & Environmental Conservation		
			BS Wildlife and Fish Biol-change major	205
	E.	Food, Nutrition, and Packaging Science		
			Memorandum - Blanket Substitution	209
V.	College of Science			
	A.	Microbiology		
		MICR 3000	Essential Skills in Microbiol-change undergraduate course	210
		MICR 4010	Microbial Diversity & Ecology-change undergraduate course	212
			BS Microbiology Biomedicine concentration-change major	214
	B.	Biological Sciences		
		BIOL 1010	Frontiers in Biology I-change undergraduate course	217
		BIOL 3150	Functional Human Anatomy-change undergraduate course	219
		BIOL 4610	Cell Biology-change undergraduate course	221
		ETOX 4300	Toxicology-change undergraduate course	223
			BS Biological Sciences-change major	225
			BS Biological Sciences Prepharmacy emphasis-change major	228
		Withdrawn	BS Biological Sciences Toxicology emphasis-change major	231
	C.	Genetics & Biochemistry		
		Withdrawn	Genetics Doctorate-change major	234
	D.	Mathematical Sciences		
		MATH 1080	Calculus of One Variable II-change undergraduate course	237
		MATH 2060	Calculus of Several Variables-change undergraduate course	239
		MATH 2190	Intro to Cryptography-add undergraduate course	241
		MATH 3650	Numerical Mthds for Engineers-change undergraduate course	245
		MATH 4070	Regress & Time-Series Analysis-change undergraduate course	247
		MATH 4080	Secondary Math Analysis-change undergraduate course	249
		MATH 4100	Number Theory-change undergraduate course	251
			BA Mathematical Sciences-change major	253
		STAT 2220	Statistics in Everyday Life-change undergraduate course	255
VI.	College of Behavioral, Social and Health Sciences			
	A.	Sociology & Antropology		
		ANTH 4550	Bio Anth Field Studies-add undergraduate course	259
			BA Justice Studies-change major	262
			BS Justice Studies-change major	264

B.	Youth, Family, and Comm Studies			
		FCS 2010	Intro to Human Rights-add undergraduate course	266
C.	Public Health Sciences			
		HLTH 4780	Health Policy Ethics and Law-change undergraduate course	269
		HLTH 4790	Fin Mgmt & Hlth Budg-change undergraduate course	271
			BS Health Services Administration-change major	273
			BS Health Promotion and Behavior-change major	277
			BS Cardiovascular Imaging Lead-change major	281
			BS Preprofessional Health Studies-change major	285
D.	Political Science			
			BA Political Science-change major	289
		POSC 4390	Relig Liberty & US Const-add undergraduate course	294
			Public Policy-change minor	297
			Global Politics-change minor	302
			Political and Legal Theory-add minor	305
E.	Communication			
		COMM 3010	Comm Theory-change undergraduate course	307
		COMM 3020	Mass Comm Theory-change undergraduate course	310
		COMM 3060	Crit-Cultural Rsrch Methods-change undergraduate course	313
		COMM 3100	Quant Comm Methods-change undergraduate course	316
		COMM 3110	Qual Comm Methods-change undergraduate course	319
		COMM 3150	Critical-Cultural Comm Theory-change undergraduate course	322
	Tabled	COMM 3551	Principles of PR Lab-add undergraduate course	324
	Tabled	COMM 3570	Public Relations Writing-add undergraduate course	329
	Tabled	COMM 3571	Public Relations Writing Lab-add undergraduate course	335
		COMM 3620	Communication & Conflict Mgt-delete undergraduate course	340
		COMM 3660	Special Topics in Comm Studies-change undergraduate course	342
		COMM 3680	Applied Communication-delete undergraduate course	344
		COMM 3900	Comm Studies Internship-change undergraduate course	346
		COMM 3990	Creative Inquiry-change undergraduate course	348
		COMM 4620	Comm & Negotiation-delete undergraduate course	350
		COMM 4660	Advanced Special Topics-change undergraduate course	352
		COMM 4710	Health Comm in Communities-add undergraduate course	354
		COMM 4720	Comm in Health Organization-add undergraduate course	359
		COMM 4910	Classical Rhetoric-delete undergraduate course	364
		COMM 4911	Classical Rhetoric Lab-delete undergraduate course	366
		COMM 4920	Modern Rhetoric-delete undergraduate course	368
		COMM 4921	Modern Rhetoric Lab-delete undergraduate course	370
			BA Sports Communication-change major	372
			BA Communication-change major	380
F.	Psychology			
		PSYC 2890	Topic in Basic Psychology - new course	388
		PSYC 3890	Topics in Psychology - new course	390

Approved Courses/Curricula

November 4, 2016, 1:30 PM

E304 Martin Hall

			PSYC 4890	Selected Topics - change course	392
VII.	Interdisciplinary - Entrepreneurial Leadership				
				Memo	395
			ENTR 1020	Entrepreneurial Marketing - delete course	398
			ENTR 1030	Social Entrepreneurship - delete course	400
			ENTR 1040	Technology Entrepreneurship - delete course	402
			ENTR 1090	CI - Entrepreneurship - new course	404
	Tabled		ENTR 2010	Selected Topics in Entrepreneurship - new course	406
	Tabled		ENTR 2020	Internship in Entrepreneurship - new course	408

University Undergraduate Curriculum Committee
Minutes Meeting
E304 Martin Hall
December 2, 2016, 1:30 PM

Members Present: Jeff Appling, acting chair; Andrew Levin; Mike Coggeshall; Lee Crandall; Pamela Dunston; Roger Gomes; Chris Kitchens; Bob Kosinski; Dale Layfield; Chad Sosolik; Mindy Spearman; Paula Agudelo; Jack Wolf; Leland Dunwoodie; Donna Barrett; Shannon Clark; Pam Mack; Carol Pelletier; Sissy Hamby; David Knox; Blake Snider; LeDon Wilson and Rhonda Todd

Guests: Joseph Lang; John Hannon; Chad Navis; Matthew Klein;

Appling convened the meeting at 1:30 PM

Introductions

Appling welcomed the committee.

Approval of minutes

The committee will approve the November and December minutes at the February meeting.

New Business

Old Business

- A. 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
 - f. Ethical Judgment – John Griffin
 - g. Critical Thinking – Sarah Winslow
 - h. Communication – Cameron Bushnell

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

A motion was made to accept all prerequisite changes only, the committee approved.

A motion was made to accept all deletions, the committee approved.

Other Business

The meeting adjourned at 3:15 PM.

Minutes respectfully submitted by Rhonda Todd

Approved Courses/Curricula
 December 2, 2016, 1:30 PM
 E304 Martin Hall

I. College of Architecture, Arts and Humanities				
A.	Department of History			
Withdrawn	GEOG 3010	Political Geography-change undergraduate course		3
Withdrawn	GEOG 3020	Economic Geography-change undergraduate course		5
Withdrawn	GEOG 3030	Urban Geography-change undergraduate course		7
Withdrawn	GEOG 3050	Cultural Geography-change undergraduate course		9
Withdrawn	GEOG 3060	Historical Geography-change undergraduate course		11
Withdrawn	GEOG 3990	Creative Inquiry in Geography-change undergraduate course		13
Withdrawn	GEOG 4010	Studies in Geography-change undergraduate course		15
Withdrawn	GEOG 4200	Hist Geog of the US-change undergraduate course		17
Withdrawn	GEOG 4400	Geog of Hist Preserv-change undergraduate course		19
B.	Department of Landscape Architecture			
	LARC 4970	Selected Topics in Landscape Architecture (Lecture)-add undergrad course		21
	LARC 4980	Selected Topics in Landscape Architecture (Studio)-add undergrad course		23
C.	Department of Languages			
	FR 3000	Survey of French Lit-change undergraduate course		26
	FR 3060	Language of Culture in Belgium-delete undergraduate course		28
	FR 3180	French for Health Professionals I-add undergraduate course		30
	FR 3200	French Theatre -change undergraduate course		37
	FR 4180	French for Health Professionals II-add undergraduate course		39
		General Education Checklist		46
II. College of Science				
A.	Biological Sciences			
	BIOL 3940	Sel Topics in Creative Inq I-change undergraduate course		55
	BIOL 3941	Sel Topics in Creative Inq I Lab-delete undergraduate course		58
	BIOL 4250/6250	change course		60
	BIOL 4480/6480	Marine Ecology-add course		62
	BIOL 4490/6490	Field Ecology-add course		65
	BIOL 4491/6491	Field Ecology Laboratory-add course		68
	BIOL 4770/6770	Molecular Phylogenetics and the Comparative Method-add course		71
	BIOL 4771/6771	Molecular Phylogenetics Laboratory-add course		74
	BIOL 4880	Health Professions Practicum-add undergraduate course		77
B.	Microbiology			
	MICR 3940	Creative Inquiry I-change undergraduate course		80
	MICR 3941	Creative Inq I Lab-delete undergraduate course		83
		BA Biological Sciences-change major		87
		BS Biological Sciences Toxicology Emphasis-change major		88
		BS Biological Sciences Entomology Emphasis-change major		91
		Biological Sciences-change minor		93
		Prerehabilitation Sci-delete major		96
		BS Microbiology-change major		102
		BS Microbiology w/ Biomedicine concentration-change major		104
		BS and BA Chemistry-change major		108
		BA Mathematical Sciences-change major		112

Approved Courses/Curricula
December 2, 2016, 1:30 PM
E304 Martin Hall

			BS Mathematical Sciences-change major	115
C.	Physics			
		PHYS 1220	Physics with Calculus I-change undergraduate course	120
		PHYS 2070	General Phsics I-change undergraduate course	122
		PHYS 2210	Physics with Calculus II-change undergraduate coursei8	124
III.	College of Behavioral, Social, and Health Sciences			
A.	Communication			
		COMM 3550	Principles of Public Relations-change undergraduate course	126
		COMM 3551	Principles of Public Relations Lab-add undergraduate course	129
		COMM 3570	Public Relations Writing-add undergraduate course	132
		COMM 3571	Public Relations Writing Lab-add undergraduate course	135
		COMM 3900	Comm Studies Internship-change undergraduate course	139
B.	Parks, Recreation, Tourism, and Management			
		PRTM 1950	Pro Golf Management Seminar I-change undergraduate course	141
		PRTM 2810	Intro to Golf Mgt-change undergraduate course	142
		PRTM 2820	Principle Golfer Dev-change undergraduate course	143
		PRTM 2830	Adv Mth Golf Teaching-change undergraduate course	144
		PRTM 3830	Golf Shop Operations-change undergraduate course	145
		PRTM 3950	PGM Seminar III-change undergraduate course	146
		PRTM 4830	Golf Club Mgt and Ops-change undergraduate course	147
		PRTM 4950	Pro Golf Management Seminar IV-change undergraduate course	147
			BS Professional Golf Management-change major	148
C.	Nursing			
			Registered Nurse Completion Program	155
IV.	College of Education			
			BA Early Childhood Education-change major	157
			BA Secondary English Emphasis-change major	163
V.	College of Agriculture, Forestry, and Life Sciences			
A.	Wildlife and Fish Biology			
		WFB 4160/6160	Fishery Biology-change course	171
		WFB 4161/6161	Fishery Biology Lab-change course	174
		WFB 4180	Fishery Conservation	176
		WFB 4190	Fish Ecology-add undergraduate course	179
		WFB 4700/6700	Human Dimensions of Wildlife-add course	181
		BIOL 4720/6720	change course	185
		BIOL 4721/6721	change course	188
		BIOL 4770/6770	change course	191
		BIOL 4771/6771	change course	194
			BS Wildlife and Fish Biol-change major	197
B.	Food Sciences			
		FDSC 4040	Food Prsv and Process-change undergraduate course	201
VI.	Interdisciplinary			
A.	Entrepreneurship			

Approved Courses/Curricula

December 2, 2016, 1:30 PM

E304 Martin Hall

			ENTR 1090	Creative Inquiry - Entrepreneurship-add undergraduate course	207
			ENTR 2010	Selected Topics in Entrepreneurship-add undergraduate course	209
			ENTR 2020	Internship in Entrepreneurship-add undergraduate course	224
VII.	College of Business				
	A.	Executive Leadership and Entrepreneurship			
				Memorandum	226
			ELE 3010	Intro to Entre-change undergraduate course	229
			ELE 3020	Entrepreneurial Resource Acquisition-add undergraduate course	245
			ELE 3030	Family Business-add undergraduate course	253
			ELE 3140	New Venture Creat I-delete undergraduate course	259
			ELE 3150	New Venture Creation-change undergraduate course	261
			ELE 4010	Exec Lead and Entr II-change undergraduate course	268
			ELE 4030	Venture Growth-add undergraduate course	277
			ELE 4990	Exec Lead and Entr III-change undergraduate course	283
	B.	Management			
				BS Management-change major	288
				Entrepreneurship-change minor	293
	C.	Marketing			
			MKT 4240	Sales Management-change undergraduate course	295
VIII.	College of Engineering, Computing and Applied Sciences				
	A.	Chemical & Biomolecular Engineering			
			CHE 1300	Intro to Chemical Engineering-change undergraduate course	299
				Change major	301
	B.	School of Computing			
			CPSC 3620	Distributed & Cluster Comput.-change undergraduate course	304
				Change rationale	
				Change number	
			CPSC 4150/6150	Mobile Device Software-add undergraduate course	307
			CPSC 4300/6300	Applied Data Science-add course	113
			CPSC 4770/6770	Distributed & Cluster Comput. -add undergraduate course	321
			CPSC 4890/6890	Prog. Team Training Seminar-add undergraduate course	327
				Computer Science-change major	332
				DPA	335
	C.	Industrial Engineering			
			IE 3010	Systems Design I-change undergraduate course	338
	E.	Environmental Engineering & Earth Science			
			BE 4000/6000	Studies in En Sp-add undergraduate course	340
			GEOL 3800	Caribbean Field Studies-add undergraduate course	355
	F.	Bioengineering			
			BIOE 3100	Eng. Analysis of Phys. Process-add undergraduate course	359
			BIOE 3101	Eng. Analysis of Phys. Lab-add undergraduate course	366
		Withdrawn	BIOE 8150	Design Manuf. Medical Devices	373
	G.	General Engineering			
		Tabled	GE 1411	Programming & Prob Solve Lab-change rationale	375
	H.	Civil Engineering			

