

A regular meeting of the University Curriculum Committee was held on November 4, 2016, at 2:00 p.m.

**Members present:** Chair Carole Makela, Professors Ed DeLosh, Bradley Goetz, Brad Reisfeld, Paul Mallette, Marie Legare for Howard Ramsdell, Sally Sutton, Mike Hogan, Beth Oehlerts and Graduate Student Representative Kevin Jablonski.

**Curriculum Unit:** Kayleen Allen and Shelly Ellerby.

**Guests:** Julia Murphy (Registrar's Office).

**Absent:** VPUA Kelly Long (ex-officio) and Undergraduate Student Representative.

### **Minutes**

The Minutes of October 28, 2016 were approved.

### **Consent Agenda**

The Consent Agenda was approved.

### **New Courses**

**ART 120 Digital Visual Fundamentals 3(3-0-0) F, S, SS**

### ***Effective Term***

Fall 2017

**Prerequisite:** None.

**Registration Information:** None.

**Description:** Methods and techniques for incorporating digital mediums into artwork.

**Grade Mode:** Traditional

**GR 592 Special Topics in Geography 3(0-0-3) As Needed**

Fall 2017

**Prerequisite:** None.

**Registration Information:** Graduate or Professional standing.

**Description:** Recent papers from the literature will be used to foster discussion among participants.

**Grade Mode:** Traditional.

**NRRT 541 Overview & Trends of Agritourism Management 2(2-0-0) F**

Fall 2017

**Prerequisite:** None.

**Registration Information:** Graduate or Professional standing. This is a partial semester course. Offered as an online course only. Required field trips.

**Description:** Agritourism sector concepts and emerging business opportunities. Identify and assess agritourism sector data describing industry supply and demand attributes and examine key distinguishing aspects of agritourism enterprise. Regulatory frameworks and policy, community and economic development dimensions, and review case studies specific to new agritourism oriented opportunities

**Grade Mode:** Traditional.

**NRRT 542 Spatial & Community Dimensions of Agritourism 2(2-0-0) S**

Fall 2017

**Prerequisite:** NRRT 601.

**Registration Information:** Graduate or Professional standing. This is a partial semester course. Offered as an online course only.

**Description:** Advanced analysis methodology and the use of data in enterprise valuation, market analysis and the assessment of the agritourism sector. Distinguishing aspects of agritourism supply and economic development dimensions that target tourism demand enhancement. Creative market assessment methods are employed to illustrate concepts and analysis, including spatial, economic impact and trip evaluation techniques.

**Grade Mode:** Traditional.

**NRRT 548 Agritourism Enterprise Management 2(2-0-0) S**

Fall 2017

**Prerequisite:** None.

**Registration Information:** Graduate or Professional standing. This is a partial semester course. Offered as an online course only.

**Description:** Examines the role of agritourism in the agricultural economy and provides students with frameworks to identify and assess opportunities for agritourism development. Focusing on determinants of business success and the role and importance of comprehensive business planning. Students will develop and present a comprehensive business plan for a prototype agritourism business as a requirement of this course.

**Grade Mode:** Traditional.

**PBHL 692B Seminar: Epidemiology in Public Health Var[1-6] F, S, SS**

Summer 2017

**Prerequisite:** None.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

**Description:** Current epidemiological public health issues.

**Grade Mode:** Traditional.

**PBHL 692C Seminar: Global Health & Health Disparities Var[1-6] F, S, SS**

Summer 2017

**Prerequisite:** None.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

**Description:** Current public health issues concerning disparate populations and global health trends.

**Grade Mode:** Traditional.

**PBHL 692D Seminar: Health Communication Var[1-6] F, S, SS**

Summer 2017

**Prerequisite:** None.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

**Description:** Current issues and trends in health communication.

**Grade Mode:** Traditional.

**PBHL 692E Seminar: Physical Activity & Healthy Lifestyles Var[1-6] F, S, SS**

Summer 2017

**Prerequisite:** None.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

**Description:** Current public health issues concerning exercise, the built environment, and health promotion.

**Grade Mode:** Traditional.

**PBHL 692F Seminar: Public Health Nutrition Var[1-6] F, S, SS**

Summer 2017

**Prerequisite:** None.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

**Description:** Current issues and trends concerning the impact of nutrition on public health.

**Grade Mode:** Traditional.

**PBHL 692G Seminar: Current Issues in Public Health Var[1-6] F, S, SS**

Summer 2017

**Prerequisite:** None.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

**Description:** Current public health issues and trends

**Grade Mode:** Traditional.



**Major Changes to Courses**

***Effective Term***

**ETST 531 ~~Latinx Latina/o~~ Politics in the U.S. 3(3-0-0) F, S, SS**

Fall 2017

**Prerequisite:** None.

**Registration Information:** Six credits of ETST graduate coursework.

**Description:** Impact of ~~Latinx Latina/o~~ politics on the U.S. political system by examining ~~Latinx Latina/o~~ political mobilization patterns and behaviors.

**Grade Mode:** Traditional

**PBHL 692A Seminar: Animals, People, and the Environment ~~Public Health Seminar~~**

Summer 2017

Var[1-6] F, S, SS

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, ~~Graduate cooperative program~~, Professional.

**Registration Information:** Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in ~~PBHL 692A-692G course.~~

**Description:** Current public health issues related to interactions among people, animals, and our environment. ~~Seminars pertaining to current public health issues. Topics may vary.~~

**Grade Mode:** Traditional.



**New Concentration**

College of Natural Sciences

**Effective Spring 2017**

Department of Statistics

Major in Statistics, Mathematical Statistics Concentration

A minimum grade of C is required in each mathematics, statistics, and computer science course required for the major.

FRESHMAN		AUCC	CREDITS
<u>CO 150</u>	College Composition (GT-CO2)	1A	3
<u>MATH 160</u>	Calculus for Physical Scientists I (GT-MA1)	1B	4
<u>MATH 161</u>	Calculus for Physical Scientists II (GT-MA1)	1B	4
<u>STAT 158</u>	Introduction to R Programming		1
<u>STAT 315</u>	Statistics for Engineers and Scientists		3
<u>Arts and Humanities</u>		3B	3
<u>Global and Cultural Awareness</u>		3E	3
<u>Historical Perspectives</u>		3D	3
Electives			4
<b>Total Credits</b>			<b>28</b>
SOPHOMORE			
Select one course from the following:			4
<u>CS 163</u>	Java (CS1) No Prior Programming		
<u>CS 164</u>	Java (CS1) Prior Programming		
<u>JTC 300</u>	Professional and Technical Communication (GT-CO3)	2	3
<u>MATH 261</u>	Calculus for Physical Scientists III		4
<u>MATH 369</u>	Linear Algebra I		3

<b><u>STAT 341</u></b>	Statistical Data Analysis I		3
<b><u>STAT 342</u></b>	Statistical Data Analysis II		3
<b><u>Biological and Physical Sciences</u></b>		3A	7
Elective			3
<b>Total Credits</b>			<b>30</b>
<b>JUNIOR</b>			
<b><u>MATH 317</u></b>	Advanced Calculus of One Variable		4
<b><u>MATH 345</u></b>	Differential Equations		4
<b><u>STAT 305</u></b>	Sampling Techniques		3
<b><u>STAT 420</u></b>	Probability and Mathematical Statistics I		3
<b><u>STAT 430</u></b>	Probability and Mathematical Statistics II	4A	3
Select one course from the following:			3
<b><u>STAT 400</u></b>	Statistical Computing		
<b><u>STAT 440</u></b>	Bayesian Data Analysis		
<b><u>Arts and Humanities</u></b>		3B	3
<b><u>Social and Behavioral Sciences</u></b>		3C	3
Electives			6
<b>Total Credits</b>			<b>32</b>
<b>SENIOR</b>			
<b><u>MATH 417</u></b>	Advanced Calculus I		3
Select two courses from the following:			6
<b><u>MATH 430</u></b>	Fourier and Wavelet Analysis with Apps		
<b><u>MATH 450</u></b>	Introduction to Numerical Analysis I		
<b><u>MATH 451</u></b>	Introduction to Numerical Analysis II		
<b><u>MATH 469</u></b>	Linear Algebra II		
<b><u>STAT 421</u></b>	Introduction to Stochastic Processes		3
<b><u>STAT 460</u></b>	Applied Multivariate Analysis		3
<b><u>STAT 472</u></b>	Statistical Consulting	4A,4B,4C	3
Electives			12
<b>Total Credits</b>			<b>30</b>
<b>Program Total Credits:</b>			<b>120</b>



**Major Change to Existing Program**

College of Natural Sciences  
 Department of Statistics  
 Major in Statistics, General Statistics Concentration

Effective Spring 2017

[The last term that current students enrolled in the standalone Major in Statistics could graduate under that nomenclature is Spring 2018. Current students graduating after Spring 2018 will have to choose a concentration. No new students will be admitted to the standalone Major in Statistics effective Spring 2017.]

Effective ~~Fall 2016~~ Spring 2017

A minimum grade of C is required in each mathematics, statistics, and computer science course required for the major.

FRESHMAN		AUCC	CREDITS
<u>CO 150</u>	College Composition (GT-CO2)	1A	3
<u>MATH 160</u>	Calculus for Physical Scientists I (GT-MA1)	1B	4
<u>MATH 161</u>	Calculus for Physical Scientists II (GT-MA1)	1B	4
<u>STAT 158</u>	Introduction to R Programming		1
<u>STAT 315</u>	Statistics for Engineers and Scientists		3
<u>Global and Cultural Awareness</u>		3E	3
<u>Historical Perspectives</u>		3D	3
Electives			9
<b>Total Credits</b>			<b>30</b>
SOPHOMORE			
<u>JTC 300</u>	Professional and Technical Communication (GT-CO3)	2	3
<u>MATH 261</u>	Calculus for Physical Scientists III		4
<u>MATH 369</u>	Linear Algebra I		3
<u>STAT 341</u>	Statistical Data Analysis I		3
<u>STAT 342</u>	Statistical Data Analysis II		3
Select one group from the following:			4
Group A:			
<u>CS 163</u> or <u>164</u>	Java (CS1) No Prior Programming Java (CS1) Prior Programming		
Group B:			
<u>CS 155</u>	Introduction to Unix		
<u>CS 156</u>	Introduction to C Programming I		
In addition to <u>CS 155</u> and <u>CS 156</u> , select at least two of the following:			
<u>CS 157</u>	Introduction to C Programming II		
<u>CS 158/MATH 158</u>	Mathematical Algorithms in C		
<u>MATH 151</u>	Mathematical Algorithms in Matlab I		
<u>MATH 152</u>	Mathematical Algorithms in Maple		

<b><u>Biological and Physical Sciences</u></b>		3A	7
Electives			3
<b>Total Credits</b>			<b>30</b>
<b>JUNIOR</b>			
<b><u>MATH 317</u></b>	Advanced Calculus of One Variable		4
<b><u>STAT 358</u></b>	Introduction to Statistical Computing in SAS		2
<b><u>STAT 420</u></b>	Probability and Mathematical Statistics I		3
<b><u>STAT 430</u></b>	Probability and Mathematical Statistics II	4A	3
Select one course from the following:			3
<b><u>STAT 400</u></b>	Statistical Computing		
<b><u>STAT 440</u></b>	Bayesian Data Analysis		
Select one course from the following:			3
<b><u>STAT 305</u></b>	Sampling Techniques		
<b><u>STAT 460</u></b>	Applied Multivariate Analysis		
<b><u>Arts and Humanities</u></b>		3B	6
<b><u>Social and Behavioral Sciences</u></b>		3C	3
Upper-Division CS/MATH/STAT Electives <sup>1</sup>			3
<b>Total Credits</b>			<b>30</b>
<b>SENIOR</b>			
<b><u>STAT 472</u></b>	Statistical Consulting	4A,4B,4C	3
Upper-Division CS/MATH/STAT Elective <sup>1</sup>			3
Electives <sup>2</sup>			24
<b>Total Credits</b>			<b>30</b>
<b>Program Total Credits:</b>			<b>120</b>

<sup>1</sup> Select upper-division (300- to 400-level) computer science, mathematics, or statistics courses (excluding courses ending in -82 to -99).

<sup>2</sup> Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).



**Updates and Corrections to Previous UCC Minutes**

1. STAA 565 was approved as a new course on the 4/8/11 UCC minutes effective Summer 2012. The course was originally approved with the prerequisite wording: “Concurrent registration in STAA 551”. The prerequisite wording should read: “STAA 511, may be taken concurrently”.

**STAA 565 Quantitative Reasoning 1(1-0-0) F**

**Summer 2012**

**Prerequisite:** STAA 511, may be taken concurrently.

**Registration Information:** Written consent of instructor. This is a partial-semester course.

2. The deactivation of the Master of Natural Resources Stewardship, Sustainable Military Lands Management Specialization was approved on the 10/14/16 UCC minutes effective Spring 2017. This update is to clarify that while no new students can be added to this Specialization effective Spring 2017, current students in the program can complete the Specialization through Fall 2021.

The meeting adjourned at 3:00 p.m.

(FC) 11/11/16

Carole Makela, Chair  
Shelly Ellerby, Curriculum Liaison Specialist  
Kayleen Allen, Curriculum & Catalog Assistant



University Curriculum Committee  
November 4, 2016  
**CONSENT AGENDA**

**Minor Changes to Courses**

	<b>Course Title</b>	<b>Requested Change</b>	<b>Effective Term</b>
<a href="#">ECE 526/BIOM 526</a>	Biological Physics	<b>Offering Term:</b> <del>F</del> , S	Fall 2017
<a href="#">ECE 565/ENGR 565</a>	Electrical Power Engineering	<b>Offering Term:</b> <del>F</del> , S	Fall 2017

