

A regular meeting of the University Curriculum Committee was held on February 17, 2017 at 2:00 p.m.

Members present: Chair Carole Makela, Professors Ed DeLosh, Bradley Goetz, Brad Reisfeld, Paul Mallette, Howard Ramsdell, Sally Sutton, Mike Hogan, Beth Oehlerts, Kevin Jablonski, Graduate Student Representative and VPUA Kelly Long (ex-officio).

Curriculum Unit: Shelly Ellerby and Kayleen Allen.

Guests: Andrea Russo (Registrar's Office) and Linda Selkirk (CSU Online).


Absent: Kevin Jablonski Graduate Student Representative and Undergraduate Student Representative.

Minutes

The Minutes of February 10, 2017 were approved.

Consent Agenda

The Consent Agenda was approved.

<i>New Courses</i>	<i>Effective Term</i>
DSCI 235 Data Wrangling 2(1-0-1) As Needed	Spring 2018
Prerequisite: None.	
Registration Information: Must have concurrent registration in CS 220. Must register for lecture and recitation. This is a partial semester course.	
Description: Introduce tools and techniques for handling, cleaning, extracting, and organizing data.	
Grade Mode: Traditional	
DSCI 320 Optimization Methods in Data Science 3(3-0-0) F	Spring 2018
Prerequisite: (CS 163 or CS 164); MATH 151; MATH 261; (DSCI 369 or MATH 369).	
Registration Information: None.	
Description: Linear and non-linear programming, convex sets and functions, convex and non-convex optimization problems, duality, Newton's methods, barrier methods, linear equality and inequality constraints. Emphasis on computation methods and programming.	
Grade Mode: Traditional	
	
<i>Major Changes to Courses</i>	<i>Effective Term</i>
ACT 601A Professional Practice: Taxation 3(3-0-0) F	Fall 2017
Prerequisite: ACT 330.	
Registration Information: Sections may be offered: Online, and in 8 week format.	
Description: Management of accounting practice ; professional tax practice ; professional ethics and regulation; research techniques.	
Grade Mode: Traditional	
CHEM 246 Fundamentals of Organic Chemistry Laboratory 1(0-23-0) F, S, SS	Fall 2017
Prerequisite: (CHEM 108 or CHEM 112 or CHEM 114) and (CHEM 245, may be taken concurrently)	
Registration Information: Credit not allowed for students who have already taken CHEM 344.	
Description: Laboratory applications of principles presented in CHEM 245.	
Grade Mode: Traditional	
MATH 317 Advanced Calculus of One Variable 34(34-0-0) F, S, SS	Fall 2017
Prerequisite: MATH 161 and (MATH 230 or MATH 235)	
Registration Information: None.	
Description: Convergence of sequences, series: limits, continuity, differentiation, integration of one-variable functions; development of skills for proving theorems.	
Grade Mode: Student Option	

MATH 560 Linear Algebra 3(3-0-0) F

Fall 2017

Prerequisite: MATH 369.

Registration Information: [Sections may be offered: Online.](#)

Description: Finite dimensional vector spaces, inner products, dual spaces, transformations, projections, adjoints, norms, eigenvalues, eigenvectors.

Grade Mode: Traditional

STAT 311 Statistics for Behavioral Sciences I 3(3-0-0) F, S, SS

Fall 2017

Prerequisite: MATH 117 or MATH 118 or MATH 124 or MATH 125 or MATH 126 or MATH 141 or MATH 155 or MATH 159 or MATH 160.

Registration Information: Credit allowed for only one of the following: ERHS 307, STAT 301, STAT 307, STAT 311 or [STAT 315.](#)

Description: Statistical literacy, quantitative reasoning, statistical methods in SPSS including ANOVA, regression, logistic regression, and categorical data.

Grade Mode: Student Option



Subject Codes

College of Natural Sciences

A request to create a new subject code “DSCI – Data Science” was approved. It will be a college-wide subject code in the College of Natural Sciences.

The meeting adjourned at 4:05 p.m.

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

University Curriculum Committee
 February 17, 2017
CONSENT AGENDA

Minor Changes to Courses

Course Title	Requested Change	Effective Term
ACT 550 Accounting Information Technologies	Registration Information: Sections may be offered: Online. Written consent of instructor.	Fall 2017
ACT 614 Financial Statement Analysis and Valuation	Prerequisite Courses: ACT 312 None. Registration Information: Admitted to Master of Accountancy (M.Acc.) program. None.	Spring 2018



STAT 511A and STAT 511B Changes to Program

Warner College of Natural Resources
 Department of Ecosystem Science & Sustainability
 Master of Greenhouse Gas Management and Accounting, Plan C (M.G.M.A.)

Effective Fall 2017

Effective Fall 2017 ~~2016~~

Code	Title	Credits
ESS 501	Principles of Ecosystem Sustainability	3
ESS 524	Foundations for Carbon/Greenhouse Gas Mgmt	3
ESS 542	Greenhouse Gas Policies	2
ESS 543/ATS 543	Current Topics in Climate Change	2
ESS 545	Applications in Greenhouse Gas Inventories	4
ESS 587	Internship	4
STAT 511	Course STAT 511 Not Found	4
STAT 511A or STAT 511B	Design and Data Analysis for Researchers I: R Software Design and Data Analysis for Researchers I: SAS Software	4
Quantitative Methods ¹		3
Greenhouse Gas Specialization ²		6
Technical Tools ³		6
Program Total Credits:		37

A minimum of 37 credits are required to complete this program.

- ¹ Select courses with approval of advisor and graduate committee.
- ² Select two courses in ANEQ, F, RS, SOCR, or other area of specialization with approval of advisor and graduate committee.
- ³ Select two courses from GIS and/or remote sensing with approval of advisor and graduate committee.

