



## University Courses & Curricula Committee 2020-2021

February 3<sup>rd</sup>, 2021  
 Zoom Host  
 12:45pm-2:45pm

### Call to Order 12:45pm

- Welcome from Chair Wendy Krause
- Remarks and Updates from OUCCAS
- Presentation from Assessment Stephany Dunstan
- Approval of UCCC January 20<sup>th</sup>, 2021 Minutes
- Course and Curricular Business

### New Business

Consent Agenda		
Action	Type	Notes
<a href="#">AEE 360 Developing Team Leadership in Agriculture and Life Sciences</a>	Minor	Revisions: Catalog Description
<a href="#">AEE 460 Organizational Leadership Development in Agriculture and Life Sciences</a>	Minor	Revisions: Catalog Description

College of Agriculture and Life Sciences			
Presenter	Reviewers	Action	Type
Merrill	Knowles, Schaffer, Hessling	<a href="#">AGI 160 Computer Applications for Agricultural Operations</a>	New Course
Merrill	Reynolds, Roise, Rabasco	<a href="#">AGI 161 Agricultural Operations</a>	New Course

University College			
Presenter	Reviewers	Action	Type
Harrington	Hergeth, Seracino, Muse	<a href="#">HON 354 The Winners and Losers of U.S. Agricultural Policy</a>	New Course

College of Engineering			
Presenter	Reviewers	Action	Type
Reynolds	Zagacki, Rucker, Walsh	<a href="#">ISE 525 / ISE 425 / OR 425 / OR 525 Medical Decision Making</a>	New Course

Provost's Office			
Presenter	Reviewers	Action	Type
Muse	Roise, Domingue, Driscoll	Data Science	New Prefix

### SLO= Student Learning Outcomes

#### Discussion:

#### Notes:

- To view actions, please click on the hyperlink. You may need to use your Unity ID to log in.
- If you experience issues logging in, please go to <https://next-catalog.ncsu.edu/courseadmin/> and type the course prefix and number into the search bar.



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## University Courses and Curricula Committee

January 20<sup>th</sup>, 2021  
Hosted Via Zoom  
Call to Order: 12:47 PM

### Members Present:

Rudi Seracino (past chair), Andy Hale, Melissa Merrill, James Knowles, Catherine Driscoll, Kristen Schaffer, Peter Hessling, Kanton Reynolds, Peter Janca, Joseph Roise, Spencer Muse, Jonathan Duggins, Renee Harrington, Peggy Domingue, Rob Rucker, Helmut Hergeth, Kenneth Zagacki, Jorden Rabasco,

**Absent Members:** Thomas Walsh

**Guests:** Sarah Heckman, Patricia Morgado, Katherine Klinger

**Ex-Officio Members Present:** Li Marcus, Lexi Hergeth, Kyle Pyscher, Stephany Dunstan, John Harrington

### WELCOME AND INTRODUCTIONS

- **Remarks from Chair** – Past chair Rudi Seracino opened the meeting.
- **Remarks from OUCAS/DASA-** Li thanked the committee and members and reminded them about training opportunities .
- **Approval of the Minutes from November 18<sup>th</sup>, 2020 – Approved**  
Discussion: Motion to approve.

### OLD Business

### NEW BUSINESS

- **Consent Agenda - *Approved***  
Discussion: The consent agenda was moved to approve.
- **AEC 409/509 Ecology and Conservation of Freshwater Invertebrates – *Approved***  
Discussion: This course was presented by Melissa Merrill
- **ARC 250 Fundamentals of Architectural Visualization – *Approved with Suggestion***  
Discussion: This new course was presented by Kristen Schaffer. In the justification section it indicates this is similar to the graduate level course and that there are no other courses like this. Member suggested a little rephrasing to ensure that the justification indicates if there are no courses like this or if there are similar ones at the graduate level.
- **FL 210 Global Literature and Culture – *Approved***  
Discussion: This new course was presented by Jim Knowles
- **FL/ECI 427/527 Methods and Materials in Teaching English as a Second Language – *Approved***  
Discussion: This course was presented by Catherine Driscoll
- **HI 376 Global Migrations – *Approved***  
Discussion: This new course was presented by Catherine Driscoll
- **IS 498 Independent Study in International Studies – *Approved Pending***  
Discussion: This new course was presented by James Knowles. Member asked about the credit/contact hours and which is correct. Li explained independent study can take multiple forms. Members also asked if the course should really not be repeatable for students, since independent study courses. Motion to move motion from approved to approved pending the clarification.
- **SOC 320 Survey Design – *Approved***  
Discussion: This new course was presented by James Knowles.
- **CSC 226 Discrete Mathematics for Computer Scientists – *Approved***  
Discussion: This course was presented by Rudi Seracino.
- **CSC 230 C and Software Tools – *Approved***

Discussion: This course was presented by Rudi Seracino.

- **CSC 246 Concepts and Facilities of Operating Systems for Computer Scientists – Approved**  
Discussion: This course was presented by Rudi Seracino.
- **CSC 326 Software Engineering – Approved**  
Discussion: This course was presented by Rudi Seracino.
- **CSC 422 / CSC 522 Automated Learning and Data Analysis – Approved**  
Discussion: This course was presented by Rudi Seracino.
- **CSC 447 Introduction to Cloud Computing – Approved**  
Discussion: This new course was presented by Rudi Seracino
- **CSC 481 / CSC 581 Game Engine Foundations – Approved Pending**  
Discussion: This course was presented by Rudi Seracino, as approved pending the inclusion of the student evaluation methods component of tests to bring this to 100% in the CIM record.
- **CSC 498 Independent Study in Computer Science – Approved Pending**  
Discussion: This new course was presented by Kanton Reynolds. Amendment to the motion to approved pending the confirmation from the college that they review the course contract.
- **ISE 437 Data Analytics for Industrial Engineering – Approved Pending**  
Discussion: This course was presented by Kanton Reynolds. Member commented that the topic outline should include a timeline of when the topics will be covered (how many weeks). Motion to amend the motion to approved pending the inclusion of the estimated length of time.
- **ISE 441 Introduction to Simulation – Withdrawn**  
Discussion: This course was presented by Kanton Reynolds. Member brought attention to the student learning outcomes and asked if 'analyze and interpret the results' were measurable terms. Stephany Dunstan from the office of assessment provided materials and an explanation of how best to provide learning outcomes. Presenter withdrew the motion to bring it back to the college. Assessment Materials:  
<https://ncsu.zoom.us/j/91167876624?pwd=NXMrUVMrR0g3dEN3dlIPZndGUE5ldz09>
- **14CSC BS Computer Science BS – Approved**  
Discussion: This curricular action was presented by Kanton Reynolds.
- **14CSCBS Computer Science BS – Game Development Concentration – Approved with Suggestion**  
Discussion: This curricular action was presented by Kanton Reynolds. Footnote 4 on page 145 of the packet, member wanted to check that these are standard graphic conventions and asked why the course is listed as CSC 48\*. The guest Sarah Heckman explained that CSC 48\* indicates all CSC courses at the 48\* are acceptable gaming courses at the 480 level. Member suggested writing out the course numbers.
- **14CPM Computer Programing Minor – Approved**  
Discussion: This curricular action was presented by Kanton Reynolds
- **14CPCTU Undergraduate Certificate in Computer Programming – Approved**  
Discussion: This curricular action was presented by Kanton Reynolds
- **BIO 269 Research in the Life Sciences II: Guided Research – Withdrawn**  
Discussion: This course was presented by Spencer Muse. Member asked about the contact hours, the presenter indicated there are lecture, lab, and some additional field work. Due to the variation, it would be best to have separate lecture, lab, and field work components and provide an additional explanation of the contact hours in the justification.
- **TOX 400 Undergraduate Seminar in Toxicology – Approved Pending**  
Discussion: This new course was presented by Spencer Muse. Member brought attention to the student evaluation methods which indicates 33.3% for three types of evaluation method which adds to 99.9%.  
\*\*Members discussed how to handle this type of confusion within the evaluation methods. Motion to amend the motion to approved pending the percentage weight equal 100% (unless ranges, in which case the percentage can be over 100%).

➤ **FTM 487 Human Resource Management and Leadership in the Textile and Fashion Industries** – *Approved Pending*

Discussion: This course was presented by Helmut Hergeth as approved pending. Presenter relayed that the syllabus is missing the Policies, Rules, and Regulations as well as a few other required statements such as the electronic hosting components.

Discussion:

Meeting adjourned: 2:22 PM.

*Respectfully submitted by Lexi Hergeth*

To: Office of Courses, Curricula, and Academic Standards, [courses-curricula@ncsu.edu](mailto:courses-curricula@ncsu.edu)  
From: Duane Larick, Office of the Executive Vice Chancellor and Provost  
Alyson Wilson, Office of Research and Innovation  
Subject: Requesting a New Course Prefix  
Date: January 13, 2021



Name and Contact Information of Initiator: Duane Larick, [dklarick@ncsu.edu](mailto:dklarick@ncsu.edu)  
Proposed Prefix: DSC  
Subject Title: Data Science  
Academic Organization: Provost  
Academic Program Code: 02DSC  
CIP Code: 30.7001 (Data Science, General)  
Proposed Effective Date: As soon as possible, to support course delivery Fall 2021

Discussion: The Provost will be establishing the new Data Science Academy on July 1, 2021. This unit will span all campus colleges and be administratively housed in the Office of the Provost. Among its activities, the Academy will offer courses of broad interest across the university. Consistent with this role, we are requesting the new course prefix DSC (Data Science) to identify these courses. Courses will include introductory general education courses, special topics courses at both the undergraduate and graduate level, and introductory courses that support the variety of graduate certificates in data science. The Academy has been presented by the Provost to the Dean's Council and an Advisory Board with representatives from all colleges. The undergraduate general education courses have been discussed with the Associate Deans for Academic Affairs; the introductory graduate courses have been discussed with the Graduate School. Each of these groups has expressed strong support for the Academy and its planned teaching activities. In addition, two standing committees with representation from across campus have already been formed and have been providing guidance and feedback on the undergraduate and special topics courses.

We are requesting expedited evaluation of this request in hopes that we can have the initial Fall 2021 courses listed under the DSC prefix in the course schedule for student registration during the March enrollment period. This will be important for an effective initiation of the Academy's educational mission.