



University Courses & Curricula Committee 2018-2019

August 28, 2019
 Talley Student Union 5101
 12:45pm-2:45pm

Call to Order 12:45pm

- Welcome from Chair Rudi Seracino
- Committee Introductions
- Remarks and Updates from OUCCAS/DASA
- Office of Assessment Presentation
- Establish Quorum
- Approval of UCCC April 24th 2019 Minutes
- Course and Curricular Business

New Business

Consent Agenda		
Action	Type	Notes
COS 295A Critical Thinking in Life Sciences	Drop	Dropping Course
EC 404 Money, Financial Markets, and the Economy	Minor	Revision: Term Offering
ECE 461/(561) Embedded System Design	Minor	Revision: Description, requisites
ENG 206 Studies in Drama	Minor	Revisions: Offering, GEP info
ENG/FL 224 Contemporary World Literature II	Minor	Revisions: Offering, GEP info
ENG 400 Applied Criticism	Minor	Revision: Requisites
HESM 328 Dance Composition – Group Forms	Minor	Revision: Requisites, title, description
HESS 245 Golf	Minor	Revision: Description
PB 205 Our Green World	Minor	Revision: Grading method, schedule
PHI 495 Research and Writing in History of Philosophy	Minor	Revision: Description, requisites
PS 204 Problems in American Democracy	Minor	Revision: Abbreviated title, offering
PY 211 University Physics I	Minor	Revision: GEP information
Chemical Engineering BS, -14CHEHON, -14CHESEE, & -14CHENAN	Minor	Add BIO 183 to elective lists

College of Education			
Presenter	Reviewers	Action	Type
Hessling	Gruehn, Klesath, Murty	ED 104 Intro to University Education II	New Course
Hessling	Roise, Carlson Welch, Domingue	ED 204 Introduction to Teaching in Today's Schools	Revisions: Title, SLOs, description
Hessling	Bruce, Reynolds, Driscoll	ED 311 Classroom Assessment Principles and Practices	Revisions: Offering, reqs, SLOs, description
Hessling	Kuzenski, Krause, Merrill	ED 312 Classroom Assessment Principles and Practices Professional Learning Lab	Revisions: Offering, description, SLOs
Hessling	Rucker, Schaffer, Driscoll	EMS 470/(570) Methods and Materials for Teaching Mathematics	Revisions: Offering, reqs, description, SLOs

College of Design			
Presenter	Reviewers	Action	Type
Schaffer	Hessling, Muse, Bruce	ID 102 Basic Industrial Design Studio	Revisions: Title, SLOs, description

College of Sciences			
Presenter	Reviewers	Action	Type
Muse	Hessling, Krause, Kuzenski	PY 131 Conceptual Physics	Revisions: SLOs, grading

College of Agriculture and Life Sciences			
Presenter	Reviewers	Action	Type
Bruce	Gruehn, Kuzenski, Murty	PB/ECE 488/(588) Systems Biology Modeling of Plant Regulation	New Course

College of Humanities and Social Sciences			
Presenter	Reviewers	Action	Type
Driscoll	Muse, Krause, Klesath	ENG 249 Native American Literature	Revisions: SLOs, eval methods
Driscoll	Murty, Kuzenski, Rucker	ENG/AFS 349 African Literature in English	Revisions: SLOs, eval methods
Driscoll	Carlson Welch, Muse, Roise	ENG/AFS 448/(548) African-American Literature	Revisions: SLOs, eval methods, reqs
Driscoll	Hessling, Domingue, Muse	FLG 492 Senior Seminar in German Studies	Revisions: SLOs, eval methods
Gruehn	Murty, Rucker, Reynolds	LPS 210 LPS Career Development	New Course
Gruehn	Schaffer, Kuzenski, Klesath	PS 361 Introduction to Political Theory	Revisions: SLOs, eval methods
Gruehn	Bruce, Domingue, Roise	SOC 212 Race in America	New Course

College of Engineering			
Presenter	Reviewers	Action	Type
Reynolds	Gruehn, Domingue, Muse	ECE 384 Practical Engineering Prototyping	New Course
Reynolds	Hessling, Kuzenski, Carlson Welch	ISE 435/(535) Python Programming for Industrial & systems Engineers	New Course
Reynolds	Merrill, Schaffer, Rucker	NE 290 Introduction to health physics	New Course
Reynolds	Driscoll, Roise, Domingue	NE 431/(531) Nuclear Waste Management	Revisions: SLOs, reqs, description, adding dual level
Reynolds	Carlson Welch, Hessling	NE 490/(590) Health Physics and Radiological Emergency Response	New Course

University College			
Presenter	Reviewers	Action	Type
Domingue	Hessling, Klesath, Roise	AS 121 Heritage and Values I	Revisions: Title, SLOs, description, component type
Domingue	Murty, Muse, Rucker	AS 122 Heritage and Values II	Revisions: Title, SLOs, description, component type
Domingue	Merrill, Krause, Driscoll	AS 201 Freshman and Sophomore Leadership Laboratory	New Course
Domingue	Klesath, Schaffer, Gruehn	AS 221 Team and Leadership Fundamentals I	Revisions: Title, SLOs, reqs, description, component type
Domingue	Gruehn, Rucker, Murty	AS 222 Team and Leadership Fundamentals II	Revisions: Title, SLOs, reqs, description, component type
Carlson Welch	Reynolds, Krause, Bruce	AS 322 Leading People and Effective Communication II	Revisions: Title, SLOs, reqs, description, component type
Carlson Welch	Kuzenski, Schaffer, Merrill	AS 401 Junior and Senior Leadership Laboratory	New Course
Carlson Welch	Klesath, Krause, Hessling	AS 421 National Security Affairs/Preparation for Active Duty I	Revisions: SLOs, reqs, description, component type
Carlson Welch	Gruehn, Muse, Bruce	AS 422 National Security Affairs/Preparation for Active Duty II	Revisions: SLOs, reqs, description, component type
Carlson Welch	Klesath, Rucker, Driscoll	HON 202 Inquiry, Discovery, and Literature	Revisions: SLOs, term, grading
Carlson Welch	Merrill, Driscoll, Krause	THE 340 African American Theatre	Revisions: SLOs, reqs, eval methods

Notifications	
11NATRLBS Natural Resources BS	Change in ownership from 11ARE & 11SSC (split) to only 11CS. Effective Summer I 2019

SLO= Student Learning Outcomes

Discussion: Volunteers/Nominations for Chair Elect. CIM Fields Update- Li and Bret.

Notes:

- All linked course actions are viewable in CIM.
- 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.

University Courses and Curricula CommitteeApril 24, 2019
Talley Student Union 5101
Call to Order: 12:45 pm

Members Present: Chair Marta Klesath, Chair Elect Rudi Seracino, Kanton Reynolds, Past Chair Helmut Hergeth, Melissa Merrill, Scott Despain, Catherine Driscoll, Kathleen Rieder, Peter Hessling, Wendy Krause, Peggy Domingue, Andreas Orphanides, Antonio Planchart, Jackie Bruce, Annie Carlson Welch, Spencer Muse, Melissa Merrill, Joseph Roise, Berkley Griffin Hillis

Members Absent: Coleman Simpson, John Kuzenski,

Guests: Pamela Jennings, Carli Arendt, Carol Lewald, Jason DeRousie, Cynthia Edgington, Gary Blank

Ex-Officio Members Present: Lexi Hergeth, Li Marcus, Bret Smith, Tim Petty, Jordan Luzader, Kyle Pysker, Daniel Monek

WELCOME AND INTRODUCTIONS

- **Remarks from Chair** - Welcomed the committee members to the last meeting, thanked the members for their dedication, and had the guests introduce themselves.
- **Remarks from OUCCAS/DASA-** Bret Smith provided some updates on curricular process improvement, specifically, what is the role of the college and what is the role of the university. Bret also thanked the committee for their continued dedication to the academy. Bret provided information on the curricular process and best practices which is being discussed with the associate deans. Bret informed the committee that information is being sent to the college curricula committees. He asked that any feedback be provided to Li Marcus by June 1, 2019.
- **Approval of the Minutes from April 10th 2019 – Approved Unanimously**
 - Discussion: Member Catherine Driscoll moved to approve.

Old BUSINESS

- **ADN 202 Art + Design Sophomore Studio I -Approved Pending with Friendly Suggestion**
Discussion: Member Kathleen Rieder moved to approve all of the ADN courses previously tabled at the April 10th 2019 UCCC meeting. Member moved to amend the motion to approved pending the grading method in the CIM form and made the friendly suggestion to clarify if the 3 absences needed to be excused or unexcused. Members discussed the attendance policy. Reviewers from the other two courses indicated the copy/paste error as part of the pending vote.
- **ADN 204 Art + Design Sophomore Studio III-Approved Unanimously**
- **ADN 205 Art + Design Sophomore Studio IV -Approved Unanimously**
- **MEA 409 Watershed Forensics-Approved Unanimously**
Discussion: Member Spencer Muse moved to approve the course previously tabled at the February 20th 2019 UCCC meeting.

NEW BUSINESS

- **Consent Agenda** (AFS/Hi475,476,479,BME481,484,ECE456,MEA461,MIE418,ZO333,DesignStudies,EnviroEngineerin,IndustEngineer,PHI,ExtensionEd) - Approved Unanimously
Discussion: Member Helmut Hergeth moved to approve.
- **Art and Design Bachelor 12ADNB - Approved Unanimously**
Discussion: Member Kathleen Rieder presented the curricular action.
- **Mathematics Education (BS) Middle Grades - Approved Unanimously**
Discussion: Member Peter Hessling presented the curricular action.
- **Mathematics Education BS & Statistics BS (Double Major) – Approved Unanimously**
Discussion: Member Peter Hessling presented the curricular action. Li Marcus explained that this is a common grouping of majors that is not technically one degree past the university level which is why it is called a Double Major.
- **IS 250 Globalizing North Carolina- Approved Unanimously**
Discussion: Member Scott Despain presented the course action. Reviewers commented that the course looks good.

- **COM/HSS 392 International and Crosscultural Communication- *Approved with Friendly Suggestions***
Discussion: Member Catherine Driscoll presented the course action. Reviewer brought attention to the point scale as well as the 100% and asked if the syllabus should have clarity, this was echoed by other reviewers. Member asked if the course requires IRB approval if the students are observing people, members discussed the idea that IRB would be necessary if the students were recording interviews. Members discussed the student learning outcomes, “examine the concepts of culture, define cultural identity & describe the role of ethnic media and ethnic organizations in maintaining and communicating cultural identity” and made a friendly suggestion to reword to ensure the measurability of the outcome.
- **FLS 445/(545) Spanish Environmental Cultural Studies- *Approved Pending with Friendly Suggestion***
Discussion: Member Catherine Driscoll presented the course action. Members brought attention to the seventh student learning outcome and amended the motion to approved pending removing the wording up to the word “Produce rigorously informed...”. Reviewer commented that the syllabus seems to be more heavily focused on environmentalism and asked if the consultation with the other colleges. Guest Gary Blank from CNR indicated they were asked to comment on the graduate level specifically and indicated the undergraduate level is fine. Member indicated in the participation portion of the syllabus titled “preparation and participation” and indicated there may be different rules for how 445 students are scored and how 545 students are scored and make a friendly suggestions to provide more clarity on the grading portions.
- **HI/AFS 275 Introduction to History of South and East Africa- *Approved Unanimously***
Discussion: Member Catherine Driscoll presented the course action. Reviewer indicated the course looks good as it is.
- **HI/AFS 276 Introduction to History of West Africa - *Approved Unanimously***
Discussion: Member Catherine Driscoll presented the course action.
- **HI/AFS 372 African-American History Through the Civil War, 1619-1865- *Approved with Friendly Suggestion***
Discussion: Member Catherine Driscoll presented the course action. Reviewer brought attention to the syllabus, under the third bullet point for technology and indicated the language is restricting and suggested indicating “use their laptops appropriately” instead of just to take notes.
- **HI/AFS 373 African-American History Since 1865- *Approved Unanimously***
Discussion: Member Scott Despain presented the course action.
- **LPS 315 Public Leadership- *Approved with Friendly Suggestion***
Discussion: Member Scott Despain presented the course action. Member brought attention to they syllabus’ late submissions policy and suggested clarifying when the points would be removed.
- **PS 362 American Political Thought- *Approved Pending with Friendly Suggestion***
Discussion: Member Scott Despain presented the course action. Member brought attention to the exams where the first few sentences indicate no exceptions will be allowed for any reason and a few lines later indicating exceptions will be allowed for certain reasons. Member indicated the participation portion suggested removing “wearing sunglasses in class, etc.” other members discussed the fact that wearing sunglasses may be a disability issue and should be removed. Members amended the motion to approved pending the removal of the “wearing sunglasses in class”. Friendly suggestion to clarify the exceptions to the testing information in the participation section.
- **MEA 415/(515) Climate Dynamics- *Approved with Friendly Suggestions***
Discussion: Member Antonio Planchart presented the course action. Member commented on the course policy in the syllabus that they do not allow bullying. Guest Carli Arendt spoke on her course and explained that sometimes exclusions or other kinds of bullying/harassment can happen on fieldtrips. Members discussed that the nondiscrimination university policy and confirmed that the statement is the minimum. Member brought attention to the lack of transportation statement in the syllabus, guest responded that the students will walk together to the locations. Member suggested including any safety or risk statements for the students attending fieldtrips.
- **M 380 Doing Business Globally- *Approved Pending***
Discussion: Member Wendy Krause presented the course action. Member amended motion to approved pending the update to the DRO statement. Member brought attention to the fifth outcome and instructor Helmut Hergeth indicated the “reflect” is measured through a reflection paper written by students. Members discussed the contact/credit hours, instructor explained the contact hours in CIM are the total for the 6 weeks. Li explained the “(Per Week)” could also be total and that there is an email in to adjust this.

- **USC 260 Research as a Profession- *Approved Unanimously***
Discussion: Member Wendy Krause presented the new course action.
- **ARE 475 Food Policy- *Approved Unanimously***
Discussion: Member Jackie Bruce presented the course action.
- **BCH 452 Introductory Biochemistry Laboratory- *Approved Pending with Friendly Suggestion***
Discussion: Member Jackie Bruce presented the course action. Member brought attention to the prerequisites and indicated there may be a simpler way, member indicated there was a reason these were all listed out and explained that the commas between the courses are indicating “and”. Members brought attention to the A-D grading scale, not including an F. Members made the friendly suggestion to review the grading to ensure this is what they would like, indicating there was confusion on students being able to receive a U (out of S/U grading) but not an F. Members amended the motion to approved pending the clarification of the grading scale. Member brought attention to the attendance policy and asked for further clarification, for any absence, after 2 absences, would 10% be taken off the grade.
- **FS 416/(516) Quality Control in Food and Bioprocessing- *Approved Pending with Friendly Suggestion***
Discussion: Member Melissa Merrill presented the course action. Member brought attention to the catalog description not matching in the syllabus and CIM, members amended the motion to approved pending the description in CIM is reflected in the syllabus. Member indicated the prerequisites in CIM and the syllabus need to match. XONV member indicated a section can have seats reserved as reserved caps. Member brought attention to the participation grading portion of the syllabus and suggested changing this to “attendance” as that is the only thing being scored.
- **ES 111 Applications of Environmental Sciences- *Approved with Friendly Suggestion***
Discussion: Member Joseph Roise presented the course action. Member made the friendly suggestion that the highlights in the syllabus aren’t easy to read when reading on a grey scale and suggested removing the highlights. Member asked guest Gary Blank if laboratory is the best component to encompass the component type of this course. Guest explained how the instructor generally teaches the course, that the course is not a lecture course. Chair explained that changing the component type would also change the contact/ credit hours. Member indicated the component type as laboratory would have the correct 2:1/contact: credit hour ratio. Guest indicated this would be similar to a previously taught class that involves service learning, collecting measurements, ect. and indicated there are students that are unaware of what environmental sciences entails and this course is a hands on opportunity to help determine what they want to study. Member made a friendly suggestion to simplify the prerequisites section in the CIM form.
- **Environmental Science BS (15ENVSCBS) – *Approved Unanimously***
Discussion: Member Joseph Roise presented the curricular action.
- **Natural Recourses BS (2 subplans)
Ecosystem Assessment (15NATREECO)
Policy and Administration (15NATREPOL) – *Approved Unanimously***
Discussion: Member Joseph Roise presented the curricular action. Reviewers commented these curricula actions look fine.
- **Paper Science & Engineering BS (15PSEBS) and
Paper Science & Engineering (BS) & Chemical Engineering (BS) (15PSEBS-15PSENDM) (Dual Degree)-
*Approved Unanimously***
Discussion: Member Joseph Roise presented the curricular action.
- **ISE 135 Computer-Based Modeling for Engineers – *Approved Pending with Friendly Suggestion***
Discussion: Member Kanton Reynolds presented the new course action. Reviewer asked if the grading components in CIM and the syllabus, friendly suggestion to correct this confirmed by presenter. Member suggested changing the CIM form contact hour for “problem session” is 1 instead of zero. Members amended the motion to approve pending the contact hour correction. Members discussed the second student learning outcome “be fluent in the use of Python” and replace it with demonstrate was suggested.
- **Civil Engineering (BS) 14CEBS – *Approved Unanimously***
Discussion: Member Kanton Reynolds presented the curricular action.
- **Computer Science (BS) 14CSCBS – *Approved Unanimously***
Discussion: Member Kanton Reynolds presented the curricular action.

- **Construction Engineering (BS): General Construction 14CONBS-14CONGEN – Approved Unanimously**
Discussion: Member Kanton Reynolds presented the curricular action.
- **Electrical Engineering (BS) (14EEBS) & Electrical Engineering (BS) Renewable Electric Energy Systems (14EEBS-14EEREN) – Approved Unanimously**
Discussion: Member Rudi Seracino presented the curricular action.
- **Computer Engineering (BS) 14CPEBS – Approved Unanimously**
Discussion: Member Rudi Seracino presented the curricular action.

Meeting adjourned at 2:35 pm

Respectfully submitted by Lexi Hergeth

NC STATE UNIVERSITY

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April 10, 2019

To: Dr. Mike Mullen
Vice Chancellor and Dean of DASA (Division of Academic and Student Affairs)

From: Peter S. Fedkiw, Head, Chemical and Biomolecular Engineering

Subject: Minor Curriculum Action to add BIO 183 to the Chemistry Elective list

By means of this memorandum, the Department of Chemical and Biomolecular Engineering proposes to modify the undergraduate curricula as follows:

Action: Add BIO 183 (Introductory Biology: Cellular and Molecular Biology) to the Chemistry Elective list for the following degree plans:

- BS Chemical Engineering
- BS Chemical Engineering-Sustainable Engineering, Energy, and the Environment concentration
- BS Chemical Engineering-Honors Program
- BS Chemical Engineering-Nanoscience concentration

Justification: A significant number of Chemical Engineering graduates enter the pharmaceutical/biotech industry, so taking BIO 183 is an appropriate 4-credit science-based elective for many of our students. The Biomolecular and Biomanufacturing concentrations within CHE already require BIO 183 as a Chemistry Elective, so this would just be including BIO 183 as a Chemistry Elective option that these two concentrations already require.

ENDORSED BY:



Department Head, Chemical and Biomolecular Engineering Date 4/11/19



Chair, COE Courses & Curricula Committee Date 11 Apr 19



College of Engineering Dean Date 4/11/19

Chair, University Courses & Curricula Committee Date

Chair, Dean of Undergraduate Academic Programs Date

APPROVED:

Provost's Office Date

NC State University
SIS Academic Structure Action

This form authorizes the NC State Registrar to make the following changes in Undergraduate academic programs/plans/subplans.

Action Type:

Structure Type:

Request Date:

Date sent to Re&R

Effective Date:

First Term Valid:

*First term students will be
in/affected by this addition/
change*

Program:

Plan:

Subplan:

Degree Type:

Plan Type:

Sub-plan Type:

Teacher Cert? Yes
 No

CIP Code:

Acad_org:

Short Description:

(10 characters including spaces)

Long Description:

(30 characters including spaces)

Notes: Change in Ownership from 11ARE & 11SSC (50/50 split) to 11CS (100%).