

# **EDUCATIONAL POLICIES COMMITTEE MINUTES 4 March 2021**

3:00 - 4:00 p.m.

**Zoom Meeting** 

#### **Minutes**

Present: Paul Barr, Chair, Provost's Office

Mateja Savoie Roskos, College of Agriculture and Applied Sciences

Nicholas Morrison, Caine College of the Arts and Curriculum Subcommittee Chair

Matt Sanders, College of Humanities and Social Sciences

Dan Coster, College of Science

Lee Rickords, General Education Subcommittee Chair

Shana Geffeney, Statewide Campuses Robert Heaton, University Libraries Richard Cutler, Graduate Council

Mike Conover, S.J. & Jessie E. Quinney College of Natural Resources

Michele Hillard, Secretary

Renee Galliher, Academic Standards Chair

Sterling Bone, Jon M. Huntsman School of Business

Toni Gibbons, Registrar's Office Jason Marshall, USU Eastern

Absent: Alex Braeger, Graduate Studies Senator

Timothy Taylor, College of Engineering

Lucas Stevens, USUSA Executive Vice President

Harrison Kleiner, GE Assessment Sami Ahmed, President USUSA

Kat Oertle, Emma Eccles Jones College of Education and Human Services

Fran Hopkin, Registrar's Office

Guests: Jessica Hansen, AIS

### I. Approval of 4 February 2021 Minutes

Minutes approved as distributed.

#### II. Subcommittee Reports

a. Curriculum Subcommittee (Nicholas Morrison)

Motion to approve the Curriculum Subcommittee report made by Richard Cutler. Seconded by Lee Rickords. Report approved.

Course Approvals - 24

### Program Proposals

Request from the Department of Aviation and Technical Education in the College of Agriculture and Applied Sciences requests approval to offer a Nail Technician Certificate of Proficiency.

Request from the Department of Sociology, Social Work and Anthropology in the College of Humanities and Social Sciences requests approval to change the name of the Institute for Social Science Research on Natural Resources to Community and Natural Resources Institute.

Course descriptions have been updated in the catalog. There are now course descriptions for all courses. All descriptions were approved by the Curriculum Subcommittee. Electronic vote passed unanimously.

### b. Academic Standards Subcommittee (Renee Galliher)

Minutes – No Meeting (nothing to report)
Several items for next week's agenda and will have a report for the April meeting.

## c. General Education Subcommittee (Lee Rickords)

Minutes – February 16, 2021

Motion to remove the Communications rubrics from the General Education report made by Lee Rickords. Seconded by Robert Heaton. Communication rubrics proposal removed.

#### III. Other Business

Curriculog has been shutdown and will reopen the first week of July. Any R401 proposal changes should be started in July or August so they can be approved for the following fall semester.

A small working group has been put together to look at updating the Curriculum/EPC handbook. Will bring these update/changes to the April meetings of the Curriculum and EPC committees.

Adjourn: 3:24 pm



### **EDUCATIONAL POLICIES COMMITTEE MINUTES**

4 February 2021 3:00 – 4:00 p.m.

**Zoom Meeting** 

#### **Minutes**

Present: Paul Barr, Chair, Provost's Office

Mateja Savoie Roskos, College of Agriculture and Applied Sciences

Nicholas Morrison, Caine College of the Arts and Curriculum Subcommittee Chair

Matt Sanders, College of Humanities and Social Sciences

Dan Coster, College of Science

Lee Rickords, General Education Subcommittee Chair

Shana Geffeney, Statewide Campuses Robert Heaton, University Libraries Richard Cutler, Graduate Council

Mike Conover, S.J. & Jessie E. Quinney College of Natural Resources

Fran Hopkin, Registrar's Office Michele Hillard, Secretary

Renee Galliher, Academic Standards Chair

Sterling Bone, Jon M. Huntsman School of Business

Adam Gleed, Registrar's Office Jason Marshall, USU Eastern

Absent: Alex Braeger, Graduate Studies Senator

Timothy Taylor, College of Engineering

Lucas Stevens, USUSA Executive Vice President

Harrison Kleiner, GE Assessment Sami Ahmed, President USUSA

Kat Oertle, Emma Eccles Jones College of Education and Human Services

Guests: Toni Gibbons, Assistant Registrar

Patrick Belmont, Department Head, Watershed Sciences

#### I. Approval of 7 January 2021 Minutes

Minutes approved as distributed.

#### II. Subcommittee Reports

a. Curriculum Subcommittee (Nicholas Morrison)

Motion to approve the Curriculum Subcommittee Report made by Nick Morrison. Seconded by Lee Rickords. Report approved.

Course Approvals – 209

#### Program Proposals

Request from the Department of Animal, Dairy and Veterinary Sciences in the College of Agriculture and Applied Sciences to change the name of the minor from Equine Assisted Activities and Therapies to Equine-Human Science.

Request from the Department of Aviation and Technical Education in the College of Agriculture and Applied Sciences to update the Certificate of Completion in the Plan of Study for Automotive Technology.

Request from the Department of Aviation and Technical Education in the College of Agriculture and Applied Sciences to offer a Certificate of Completion Unmanned Aerial Systems (UAS).

Request from the Department of Aviation and Technical Education in the College of Agriculture and Applied Sciences to update the Medical Assistant Certificate of Completion.

Request from the Department of Landscape Architecture and Environmental Planning in the College of Agriculture and Applied Sciences to offer an accelerated Bachelor of Landscape Architecture and a Master of Science in Environmental Planning.

Request from the Department of Nutrition, Dietetics and Food Sciences in the College of Agriculture and Applied Sciences to offer a new Post Baccalaureate Certificate, Practitioner of Food Safety.

Request from the Departments of Communicative Disorders and Deaf Education, Human Development and Family Studies, Instructional Technology and Learning Sciences, Kinesiology and Health Science, Psychology, School of Teacher Education and Leadership and Special Education and Rehabilitation Counseling in the Emma Eccles Jones College of Education and Human Services to offer a Post-Baccalaureate (Graduate) Certificate Program: Certificate in Advanced Research Methods and Analysis – Quantitative (CARMA-Q).

Request from the Department of Special Education and Rehabilitation Counseling in the Emma Eccles Jones College of Education and Human Services to change the name of the Rehabilitation Counseling specialization within the Disability Disciplines doctoral program to Rehabilitation Counselor Education and Supervision.

Request from the Department of Data Analytics and Information Systems in the Jon M. Huntsman School of Business to offer a Baccalaureate degree in Data Analytics.

Request from the Department of Economics and Finance in the Jon M. Huntsman School of Business to offer a new Business Economics emphasis within the BA/BS degree in Economics.

Request from the Department of Economics and Finance in the Jon M. Huntsman School of Business to create a new Econometrics and Data Analytics emphasis within the existing BA/BS Economics degree.

Request from the Department of Economics and Finance in the Jon M. Huntsman School of Business to create a new Financial Economics Emphasis within the existing BA/BS Economics degree.

Request from the Department of Economics and Finance in the Jon M. Huntsman School of Business to offer a Master of Financial Economics degree.

Request from the Department of Watershed Sciences in the S.J. & Jessie E. Quinney College of Natural Resources to offer a Master of Ecological Restoration.

# b. Academic Standards Subcommittee (Renee Galliher)

Minutes – No January Meeting (nothing to report)

#### c. General Education Subcommittee (Lee Rickords)

Motion to approve the General Education Subcommittee report made by Dan Coster. Seconded by Nick Morrison. Report approved.

Minutes – 19 January 2021

There is some talk from USHE regarding identifying certain majors to see if they can standardize the general education requirements across the Utah institutions.

#### III. Other Business

Missing Course Descriptions (missing descriptions/examples) – Toni Gibbons Registrar's Office has identified courses that do not have course descriptions. Most of these courses are graduate programs. Curriculum Committee asked for a boilerplate description for the courses. These will be reviewed and an electronic vote will be taken.

#### Institutional Certificates – Paul Barr

Fran Hopkin and Adam Gleed brought forth recommendations to establish policies to handle Institutional Certificates of Proficiencies. The committee discussed the various issues and recommended that ICP Programs and degree codes be developed in Degree Works. This would allow students to declare in a program which would improve tracking and advising. It was recommended that students apply for graduation and that the certificate would be treated the same as USHE certificates and appear in the commencement book at graduation. It was further recommended that the certificates be listed as an award on the transcript and the Registrar's Office would provide a university style diploma. These recommendations will be summarized and presented to the Provost for approval.

Deans and department heads (DH) got email regarding fall semester and there will be a DH workshop to answer questions on how fall will be moving forward. Will be easier to transition from in-person to remote than it is from remote to in-person.

Adjourn: 3:57 pm

# CAAS - Aviation and Technical Education - Nail Technician -Certificate of Proficiency

4.1.a R401 Abbreviated Program Proposal

## **Proposal Information**

# **Instructions for Completing R401:**

Writing Guidelines/Suggestions

**USHE R401 Policy** 

### **Contact Information:**

Paul Barr: Vice Provost (797-0718)

**Step 1:** <u>Turn</u> on "Help Tips" by clicking on the Show Help TextPrint icon (*small blue circle with i inside*) at the top right-hand side of your proposal.

**Step 2:** <u>Select</u> the College and Department Involved in the Process to Ensure the Correct Workflow and Approval.

Select the College(s) this proposal involves.

Select the Department(s) this proposal involves.

COLLEGE (include all cross listed colleges)*	CAAS
DEPARTMENT (include all cross listed departments)*	Aviation and Technical Education
Current Title (if applicable)*	NA
	Nail Technician - Certificate of Proficiency

Step 3: Enter the Correct CIP Code Using the Following Website: Classification

Instructional Programs

CIP Code (6-digits) *	12.0410				
Minimum Number of	18				
Credits (if applicable)*		Maximum Number 18 of Credits (if			
		applicable)*			
Type of Degree: (BA,	Certificate of Proficiency				
BS, etc.)*					
Poguest					
Request					
Step 4: Select th	ne Type of Change Being	Requested.			
New Academic		······································			
Program:	-4	Certificates of Proficiency (including CTE)			
	Institutional Certificate of Prof				
	K-12 Endorsement Program	•			
	Minor				
	New Emphasis for Existing Program				
	Out of Service Area Delivery Program (attach signed MOU)				
	Post-Baccalaureate				
	Post-Masters Certificate				
Fyisting Academic					
Program Changes:					
	Program Restructure (with or Program Transfer to a New Ac				
	Program Suspension	adefine Department of Offic			
	Program Discontinuation				
	Reinstatement of Previously S	uspended Program			
	Out-of-Service Area Delivery F	Program (attach signed MOU)			
Administrative Unit Changes:					
_	Administrative Unit Transfer				
		re (with or without Consolidation)			
	Administrative Unit Suspensio				
	Administrative Unit Discontinu				
	Reinstatement of Previously S				
Deinstatement of Proviously Discontinued Administrative Unit					

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New Administrative Unit:	New Administrative Unit New Center New Institute New Bureau	
Other: (explain change)		
Additional App	provals (if applicable)	
Graduate Council*	☐ Yes ☑ No	Council on Teacher Yes Education* No
Section I: The	Request	
R401 Purpose*	effective fall 2021. The Certificate of standalone credential. This credential within a Certificate of Completion in degree in Cosmetology or General students for nail technician jobs an	oroval to offer a Nail Technician Certificate of Proficiency of Proficiency in Nail Technician is an 18 credit hour stial can then be used to meet some of the requirements in Cosmetology; and/or an Associate of Applied Science I Technology. In addition, this certificate qualifies and business ownership. A Certificate of Proficiency for students and will stack into additional

# Proposed Action & Rationale\*

The Nail Technician Certificate of Proficiency is designed to help students prepare for and pass state certification tests and licensure administered by the state of Utah. The aim of the State of Utah Licensure is to ensure safety and efficacy of Nail Technicians related to standards of health procedures. Students who complete the certificate will be prepared with entry-level training to create their own small business and/or work as an independent contractor.

#### Labor Market Demand (if applicable)

The United States Bureau of Labor Statistics projects employment of personal appearance workers and esthetician workers to grow 19 and 17 percent respectively from 2019 to 2029 (https://www.bls.gov/ooh/personal-care-and-service/manicurists-and-pedicurists.htm#tab-6). Nail Technician is a sizeable occupation with a low barrier for entry and a higher opportunity for earning potential for the technician, over individuals with a full cosmetologist license. In the coming decade, business expansion and retiring workers will create greater demand and a high volume of annual job openings for Nail Technicians. An opportunity to earn certification in Nail Technology during the course of one semester, will allow students to become familiar with higher education and gain current occupational training in a short period of time. Additionally, this program allows students earning potential throughout their educational experience with flexible hours and a skill which they can take anywhere. Students enrolled in the certificate program will also have an opportunity to complete an internship which will reduce the on-the-job learning curve and enable them to guickly earn an equitable wage.

Nail Technician jobs fall within esthetic and cosmetology occupations. The statewide median wage for Nail Technicians is \$17.12 an hour which is above the national average. The proposed certificate of proficiency offers accelerated entrance to the job market and a short-term credential which students can build upon to access more advanced jobs and higher wages. The proposed certification will be especially important for businesses in regions of the state with a diverse tourism, travel and recreation industry.

#### Consistency with Institutional Mission & Institutional Impact\*

The proposed Nail Technician Certificate of Proficiency will be offered as a technical education (a.k.a. CTE) program offering within the department of Aviation and Technical Education (AVTE) at the Southeast region location in Price. Existing faculty, staff, facilities and equipment will implement and sustain the proposed certificate program. No additional resources will be required.

The Certificate of Proficiency will provide an independent, state-regulated certification as well as a stackable credential toward a Certificate of Completion in Cosmetology. Credits earned in the certificate program(s) will meet some requirements for two existing AAS degrees:

- AAS, Cosmetology
- · AAS, General Technology, General Business Emphasis.

The AVTE department offers a broad-based Associate of Applied Science degree in General Technology, and it is intended that students pursue the general business emphasis. The proposed certificate provides an opportunity to develop region-specific training at a USU residential campus.

#### Finances\*

The proposed Certificate of Proficiency will be cost neutral, funded by internal reallocation of funds and tuition revenue. All courses for the proposed certificate are currently offered, and no new faculty, staff, library or operational funds are required. There will be no budgetary impact, including cost savings, to other programs or units at Utah State University.

# **Section III: Curriculum (if applicable)**

#### Program Curriculum Narrative

This certificate is based upon a nine-credit hour course focused upon the skills required of a nail technician. The balance of the certificate develops communication and small business operation skills crictical for student success in the workplace.

**Step 5:** <u>Attach</u> (if applicable) completed Program Curriculum and Degree Map to this request by clicking on the Files icon located in the upper left-hand corner of the Proposal Toolbox.

# Step 6: Submit

Click on the save all changes button below.

Scroll to the top left and click on the launch ▶ icon to launch your proposal.

# CHASS - Sociology, Social Work and Anthropology - Community and Natural Resources Institute

4.1.a R401 Abbreviated Program Proposal

# **Proposal Information**

# **Instructions for Completing R401:**

Writing Guidelines/Suggestions

**USHE R401 Policy** 

### **Contact Information:**

Paul Barr: Vice Provost (797-0718)

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**Step 2:** <u>Select</u> the College and Department Involved in the Process to Ensure the Correct Workflow and Approval.

Select the College(s) this proposal involves.

Select the Department(s) this proposal involves.

COLLEGE (include all cross listed colleges)*	CHASS
DEPARTMENT (include all cross listed departments)*	Sociology, Social Work and Anthropology
Current Title (if applicable)*	Institute for Social Science Research on Natural Resources
	Community and Natural Resources Institute

Step 3: Enter the Correct CIP Code Using the Following Website: Classification

Instructional Programs

<u></u>	
CIP Code (6-digits) 00.0000 *	
Minimum Number of () Credits (if applicable)*	Maximum Number () of Credits (if applicable)*
Type of Degree: (BA, NA BS, etc.)*	
Request	
Step 4: Select the Type of Change B	3eing Requested.
New Academic Program:  Certificates of Comple Certificates of Proficient	ncy (including CTE)
K-12 Endorsement Pro	ogram

	Certificates of Proficiency (including CTE)					
Institutional Certificate of Proficiency						
	K-12 Endorsement Program					
	Minor					
	New Emphasis for Existing Program					
	Out of Service Area Delivery Program (attach signed MOU)					
Post-Baccalaureate						
	Post-Masters Certificate					
Existing Academic Program Changes:	Name Change of Existing Program					
Program Changes.	Program Restructure (with or without Consolidation)					
	Program Transfer to a New Academic Department or Unit					
	Program Suspension					
	Program Discontinuation					
	Reinstatement of Previously Suspended Program					
	Out-of-Service Area Delivery Program (attach signed MOU)					

Administrative Unit Changes:	✓ Name Change of Existing Unit
_	Administrative Unit Transfer
	Administrative Unit Restructure (with or without Consolidation)
	Administrative Unit Suspension
	Administrative Unit Discontinuation
	Reinstatement of Previously Suspended Administrative Unit
	Poinctatement of Proviously Discontinued Administrative Unit

New Administrative Unit:	New Administrative Unit
	New Center
	New Institute
	New Bureau
Other: (explain change)	

Remislatement of Freviously Discontinued Administrative Unit

# **Additional Approvals (if applicable)**

**Step 5:** <u>Describe</u> the library resources required to offer the proposed program, including those needed for new courses or research areas. Include specialized resources that the Library already provides as well as new resources that would need to be acquired (with funding sources detailed in Appendix D). If you need assistance in completing this section, contact your department's assigned <u>liaison</u> librarian.w Field

Library Related Needs*	No known library resources required beyond those already offered to the university community.		
Graduate Council*	☐ Yes ☑ No	Council on Teacher Yes Education*  No	****

# **Section I: The Request**

#### R401 Purpose\*

The Institute for Social Science Research on Natural Resources (ISSRNR or the Institute) has been in existence since 1968 and has been an active contributor of applied research in the service of state agencies and other entities throughout the Western U.S. on issues related to community well-being, water, energy, land use, and beyond. Under new leadership and in an attempt to prioritize branding and new initiatives for the Institute, the Institute is seeking to change the name to something that more directly conveys the focus of the Institute's work. The Institute is dropping the word "Research" so as to expand initiatives to Extension outreach, civic engagement, and teaching (though research will remain a primary objective). The Sociology program at USU has been nationally-recognized for its expertise in natural resource and community social science for many decades. The faculty associated with the Institute are proud to continue this legacy.

## **Section II: Program Proposal**

# Proposed Action & Rationale\*

The Institute faculty seek to change the name of the Institute for Social Science Research on Natural Resources (ISSRNR) to the Community and Natural Resources Institute (CANRI).

#### Labor Market Demand (if applicable)

#### Consistency with Institutional Mission & Institutional Impact\*

This Institute and associated name change are in line with the land grant mission of USU. The Institute seeks to provide applied research and engagement on timely issues related to the human dimensions of natural resources and the wellbeing of communities in Utah, the Western U.S., the U.S., and the world.

#### Finances\*

The Institute has an existing index with modest funds accumulated by the previous director and has an agreement with CHASS to hire a staff person for the Institute for the next six months. Pending and planned grant proposals will hopefully further support the Institute.

# Section III: Curriculum (if applicable)

Program Curriculum Narrative

**Step 6:** <u>Attach</u> (if applicable) completed Program Curriculum and Degree Map to this request by clicking on the Files icon located in the upper left-hand corner of the Proposal Toolbox.

# Step 7: Submit

Click on the save all changes button below.

Scroll to the top left and click on the launch icon to launch your proposal.



## **GENERAL EDUCATION COMMITTEE**

February 16, 2021 8:30 a.m. – 9:30 a.m. Zoom meeting

**Present:** \*Lee Rickords, College of Agriculture and Applied Sciences (Chair)

\*Christopher Scheer, Caine College of the Arts

\*Greg Podgorski, College of Science

\*Matt Sanders, Connections

\*Dory Rosenberg, University Libraries

\*Robert Mueller, Statewide Campuses/Communications Intensive

\*Charlie Huenemann, Humanities \*Ryan Bosworth, Social Sciences

\*Toni Gibbons, Registrar's Office

\*Mykel Beorchia, University Advising

\*Kristine Miller, University Honors Program

\*Shelley Lindauer, Emma Eccles Jones College of Education and Human Services

\*John Mortensen, Academic and Instructional Services

\*Thom Fronk, College of Engineering

\*Daniel Holland, Jon M. Huntsman School of Business

\*David Wall. Creative Arts

\*Daniel Coster, Quantitative Literacy/Intensive

\*Harrison Kleiner, College of Humanities and Social Science

\*Lawrence Culver, American Institutions

\*Claudia Radel, S.J. & Jessie E. Quinney College of Natural Resources

\*Paul Barr, Office of the Executive Vice President and Provost

\*Beth Buyserie, CI Committee \*Michelle Smith, Secretary

**Excused**: Steve Nelson, USU Eastern

Sami Ahmed, USUSA President

Ryan Dupont, Life and Physical Sciences

Call to Order - Lee Rickords

Approval of Minutes – January 19, 2021 (https://usu.app.box.com/file/765909250001)

Motion to approve the January minutes made by Shelley Lindauer

Seconded by David Wall

Approved unanimously by voting members

Course Approvals/Removals/Syllabi Approvals https://usu.curriculog.com/

Daniel explained the course and how the QI Committee came to a decision on the proposal. Without a QI rubric, they based their decision on the fact that the course did have a type of intensive QI activity worthy of the designation.

A motion was started but Bob Mueller had a question and wanted discussion on the proposal.

#### Discussion

Bob Mueller asked about the credits of the course. It is a one-week course, but he wanted to know how many hours in the day are also part of the course since it was three credits. The syllabus wasn't clear. Daniel Coster said he was also surprised by the week-long course being three credits. Students were to spend all their time in field work the first few days, and the quantitative activity is fulfilled in the classroom after the field work. The particular QI activity was a quantitative literacy type of activity that builds on previous statistics courses. It would involve model progression of generalized variants, perhaps a general model, and the activity each student engaged upon depended on the particular question the student researched and attempted to answer. The vote by the QI Committee was a majority decision, not unanimous, because there was uncertainty on the amount of required work and length of the course.

Bob wanted to know if students are doing different things? Is the work required by this course comparable to other QI courses?

Daniel said the total QI assignment would require comparable work, but the number of hours may not be the same. He isn't sure what that would look like based on the proposal. It has not been taught before.

Bob questioned whether it should be a general ed course without more information.

Claudia mentioned that as she understands, the course used to be taught by ENVS previously, but was difficult to teach in the last few years due to the intensive field component. It would be geared to recreation management students. It does align with learning outcomes for the program and career goals for the students. It would be a week-long intensive course because it mimics how data is collected within the actual career field.

Greg asked if the course was a weeklong or was the experience a week long followed by classroom experience? Claudia didn't have the answer. Greg said the syllabus wasn't clear – it seemed like it was a semester course. Claudia thought they were going to have two different deliveries – one intensive and one that is a semester long – because the course would be delivered statewide.

Greg stated that he is uncomfortable because the syllabus didn't seem like an intensive course that was one week long but the proposal stated the course was one week long. They didn't match. He wanted to know if there was time in the course for students to reflect on their data or would it be a rushed week-long experience.

Bob said he was uncomfortable in approving the designation when there might be two different methods of teaching the course using the same course number.

Claudia said she wasn't certain that would be the case. She does want to support the proposal so that ENVS has the right kind of QI course for recreation management students. She does

say that USU does have the option for a three-credit week-long course and that those types of courses should be allowed an option for General Education designation since some summer and May courses do have the same outcomes.

Bob said he didn't see how the syllabus showed they were getting the QI experience if they are simply collecting data for the week. He didn't feel comfortable supporting it.

Lee asked Daniel if he had any knowledge about how many hours would be involved with the quantitative activity. Daniel said that he didn't get a clear answer from the originator of the proposal in his discussions. It was clear they would collect the data, analyze it, and report on it. He didn't have knowledge on the time involved.

Lee said it sounds like the committee should ask for more information about what is being delivered within that five-day period.

Bob moved that the committee get more information on how students are spending that intensive week before moving forward.

Greg seconded the motion.

Bob also mentioned Harrison's chat comments that stated the originator should make sure that the necessary information is in the syllabus.

Motion to ask for more information approved unanimously by voting members. Additional information would be presented to the committee at the next meeting.

Toni also pointed out that any approved designations would not be given the QI designation until Fall 2022 due to current curriculum deadlines.

Claudia said that ENVS had sought an exception for this proposal but it was contingent on approval at this meeting. She had not communicated clearly to ENVS about the timing.

John Mortensen also pointed out that there were nonvoting members of the committee and that they used to have that language in minutes pointing out there were nonvoting members and voting members. Michelle Smith will make sure minutes contain that language differentiating between the types of committee members.

Harrison said students could be given a designation for their course on appeal in the fall if the designation was approved before then, even if the course wasn't given the designation in the catalog by Fall 2021.

Lee asked how many students would be affected by this course.

Claudia said about 30. Bob pointed out the syllabus said 14-20, but the proposal mentioned it was taught twice a year. Claudia said she knew the course was going to be taught in the fall semester and would be capped since it was intensive.

Daniel Coster and his committee would seek further information on the proposal and report to the committee next month.

#### **Business**

CI Rubric Proposal (See attachments 1, 2, and 3)...... Harrison Kleiner and Beth Buyserie

Beth Buyserie introduced the proposal of the new communications sequence rubric by stating the courses are committed to teach oral and written communication throughout the sequence, and that each sequence intentionally builds on each other. They also wanted to emphasize that teaching writing doesn't stop at CL2 but continues throughout the sequence even in CI courses. The four criteria are outlined in the outcomes.

CL1 and CL2 designations will be opened up to any course. They also wanted to ensure CL1 and CL2 designations aren't major specific courses or writing discipline courses. Any proposal for those designations must show how they teach writing across the disciplines. CI will not use course caps in those courses. For CL they have to use course caps to teach intensive writing.

Beth explained the rubric after revisions were made by the committee following the feedback of the Gen Ed Committee. The rubric's intention was to state what is learned in each course and progression through the sequence. Beth briefly explained the criteria of each rubric. The intention for CL1 was that students demonstrate an "adequate" ability to write. Currently English 1010 is the only CL1 course. Students should not have only an "adequate" ability to write by the end of Cl. However, they didn't want to indicate at the end of CL1 that students couldn't write. They just write at the level of CL1.

Harrison said there was a word changed on the rubric following the Gen Ed Committee discussion in December. They removed "satisfactory" from the language and replaced it with "adequate".

Beth said the other major change on the rubric was concerning engaging with credible and relevant text sources. CI courses engage with texts in some way but not in terms of academic research. The CI milestone previously stated that within each major, students will skillfully develop their ability to use sources within their discipline, but the rubric now says students will further develop their ability to thoughtfully engage with and incorporate credible and relevant sources within their discipline. The CI Committee wanted CI designations to use text sources, and for proposals to explain how they would be engaging with sources. By USHE's code, CL1 and CL2 must use sources, but CI courses don't necessarily have to engage in research with texts. CI courses do still need to engage with text sources.

Harrison said the sequence page of the rubric was geared to students and instructors. It would help students so they know the learning outcomes they should look to when they take these courses, and it is also for instructors so they know what students were expected to accomplish in previous CI courses of the sequence. The faculty will use the rubrics when they propose courses.

Beth also stated that the rubrics should help improve the quality of Gen Ed proposals. Instead of focusing on the amount in terms of word count or how much oral communication is required, proposals should also speak to how they will teach quality of writing.

Harrison said it might be a shift in mindset for CI instructors. Previously they had to have "enough" writing and oral work. Now they have to show in their syllabus how they are achieving proficiency. How are instructors helping students improve their writing? It will be a process over time.

Dory thanked Harrison and Beth for using her feedback in their rubrics. Beth said that the rubric was meant to promote teaching writing throughout course work with more approaches to this outcome.

Harrison said that the Communication Committee (he proposed it should be renamed from the CI Committee since they are also reviewing CL courses) is proposing that the Gen Ed Committee accept the proficiencies and outcomes.

Daniel Coster said he wasn't present at past discussions and asked about the situation where there was a 5000-level course in statistics with a CI designation taught to grad and undergrad students, how do they deal with the idea that undergraduates are to achieve the outcomes of a CI designation but graduate students do not?

Harrison said he felt that from the point of view of the committee, it was somewhat irrelevant since the Gen Ed Committee is over undergraduate designations. If there are people taking the course who don't need the CI, and as long as the course achieves the CI outcomes, it is still a CI course. Because the grad students don't need the CI designation is irrelevant.

Lawrence asked how the courses are fitting in the overall education. For example, the lower CL courses are English courses, but the CI courses are much more major specific. It assumes that majors will be teaching enough CI courses with enough seats to fulfill the desire for the designation. Will this cause a bottleneck within majors that have less CI courses?

Harrison said that it is the case already that CI and QI courses are built into every major on campus. They are supposed to be accomplished within their major. Students may also take CI courses who are not interested in the designation but the topic. There are a handful of majors that don't have CI built out but that is an exception, not the rule. The CI Committee wanted to write the CI outcomes to be inclusive so that existing quality CI courses won't be threatened by the new CI outcomes.

Beth also stated that the CI Committee are not trying to shift CI so that they are only teaching writing within the majors. Students from other majors can also enroll in CI courses within a different major.

Bob motioned that they accept the rubrics for CL1, CL2, and CI courses. Matt Sanders seconded the motion.

Daniel Coster abstained; the remaining voting members voted aye.

Harrison also made one additional comment to thank Beth, Bob, Brad, Kelsey, Dory, and others on the working group who contributed to the CI outcomes. It was a large effort over the past year and a half.

The next part of this conversation is talking about what type of instructional and student support will be needed for faculty to help students achieve and demonstrate communication proficiency, especially for faculty teaching a large group of students. Provost Galey is keen on engaging in that question to provide more support to faculty. Resources need to follow the promise of what will be accomplished. More will be forthcoming.

Adjourned at 9:12 a.m.

College	Department	Subject C	ourse Title	Туре	Implemented Description	Key:	
Conce	Department	Jubject C	ourse mile	Type	This course consists of individual work on research problems for students	KCy.	
CAAS	ADVS	ADVS	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.	DI	Dissertation
					This course provides graduate students with continued support and		
					advisement. It is usually taken following completion of all coursework required		
CAAS	ADVS	ADVS	7990 CONT GRAD ADVISEMENT	GA	for the degree.	DP	Design Project
CCA	ART	ART	6970 RESEARCH AND THESIS	TH	This course is designed for students preparing a master's degree thesis.	DR	Directed Reading
					This course provides graduate students with continued support and		
					advisement. It is usually taken following completion of all coursework required		
CCA	ART	ART	6990 CONT GRAD ADVISEMENT	GA	for the degree.	DS	Directed Study
					This course consists of additional readings or research done beyond the material		,
CCA	ART	IAD	6700 GRAD TOPICS IN INTERIOR DESIGN	ST	covered in other courses.	GA	Grad Advisement
					This course entails an advanced internship at a professional level, with		
					increased complexity, approved by the department and advisor. The internship		
					project and number of credits must be approved by advisor and major		
CCA	ART	IAD	6710 GRAD INTERNSHIP IN ID	GI	professor.	GI	Grad Intership
					Students explore basic to advanced concepts contained in research as		
CCA	ART	IAD	6720 RESEARCH METHODS IN ID	RE	applicable to Interior Architecture and Design.	GT	Grad Topics
CCA	IAD	IAD	6790 MASTERS SEMINAR	SE	This course provides a focused study of selected topics.	IS	Independent Study
					, , ,		Interdisciplinary
CCA	IAD	IAD	6970 MASTERS THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.	IW	Workshop
					This course provides graduate students with continued support and		·
					advisement. It is usually taken following completion of all coursework required		
CCA	ART	IAD	6990 CONT GRAD ADVISEMENT	GA	for the degree.	0	Other
CAAS	ASTE	ASTE	6970 RESEARCH AND THESIS	TH	This course is designed for students preparing a master's degree thesis.	RE	Research
					This course provides graduate students with continued support and		
					advisement. It is usually taken following completion of all coursework required		
CAAS	ASTE	ASTE	6990 CONT GRAD ADVISEMENT	GA	for the degree.	SE	Seminar
					This course covers special topics and projects directed toward enhancing		
CAAS	ASTE	TEE	5910 SP: ETE	SP	principles and practices in Technology and Engineering Education.	SP	Special Problems
					This course provides for enrollment in industry-related training that aligns with		
					university-level competencies. Training is approved by department faculty upon		
					evaluation of competency attainment/credential, application for/granting of a		
					trade competency examination or certificate, and/or evidence of experiential		
CAAS	ASTE	TEE	5920 RELATED TECH TRAIN	0	use in work environments.	ST	Special Topics
					This course is a graduate seminar related to Technology and Engineering		
CAAS	ASTE	TEE	6800 SEMINAR	SE	Education topics and discipline.	TH	Thesis
					This course provides graduate students with continued support and		
					advisement. It is usually taken following completion of all coursework required		
CAAS	ASTE	TEE	6990 CONT GRAD ADVISEMENT	GA	for the degree.		
					This course provides graduate students with continued support and		
					advisement. It is usually taken following completion of all coursework required		
COF	DENIC	DENIG	COOO CONT CRAD ADVICENTARIT NAC	64	for the degree		

for the degree.

enrolled in doctoral programs.

This course consists of individual work on research problems for students

GA

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COE

COE

BENG

BENG

BENG

BENG

6990 CONT GRAD ADVISEMENT MS

7970 DISSERTATION RESEARCH

					advisement. It is usually taken following completion of all coursework required
COE	BENG	BENG	7990 CONT GRAD ADVISEMENT PHD	GA	for the degree.
					This course allows an exploration of topics that are not part of the standard
cos	BIOL	BIOL	1750 TOPICS IN BIOLOGY	ST	curriculum.
					This course allows an exploration of topics that are not part of the standard
COS	BIOL	BIOL	4750 TOPICS IN BIOLOGY	ST	curriculum.
COS	BIOL	BIOL	5850 MICROBIOLOGY SEMINAR	SE	This course is a seminar that explores current work in particular topics.
					This course allows an exploration of topics that are not part of the standard
COS	BIOL	BIOL	6750 TOPICS IN BIOLOGY	ST	curriculum.
COS	BIOL	BIOL	6850 MICROBIOLOGY SEMINAR	SE	This course is a seminar that explores current work in particular topics.
COS	BIOL	BIOL	6970 THESIS RESEARCH	TH	This course allows students to pursue research toward the M.S. degree.
					This course provides graduate students with continued advisement. It is usually
COS	BIOL	BIOL	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
					This course explores a particular topic in greater depth and with narrower
COS	BIOL	BIOL	7750 TOPICS IN BIOLOGY	ST	focus than a conventional course.
COS	BIOL	BIOL	7970 DISSERTATION RESEARCH	DI	This course allows students to pursue research toward the Ph.D. degree.
					This course provides graduate students with continued advisement. It is usually
COS	BIOL	BIOL	7990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
					This course allows an exploration of topics that are not part of the standard
cos	BIOL	PUBH	4850 ST: PUBLIC HEALTH	ST	curriculum.
					Students study a specific area of discipline that is not part of the department's
CCA	CCA	CCA	1250 INTERDISCIPLINARY WORKSHOP	IW	regularly scheduled curriculum.
					Students study a specific area of discipline that is not part of the department's
CCA	CCA	CCA	5250 INTERDISCIPLINARY WORKSHOP	IW	regularly scheduled curriculum.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	CDDE	COMD	6900 INDEPENDENT STUDY	IS	professor or faculty mentor.
CEHS	CDDE	COMD	6970 THESIS	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CEHS	CDDE	COMD	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CEHS	CDDE	COMD	7990 CONT GRAD ADVISEMENT	GA	for the degree.
COE	CEE	CEE	6900 DIRECTED READING	DR	This course consists of directed readings on advanced topics.
COE	CEE	CEE	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
COE	CEE	CEE	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course consists of individual work on research problems for students
COE	CEE	CEE	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
COE	CEE	CEE	7990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course explores a particular topic in greater depth and with narrower
COS	CHEM	CHEM	3750 CHEMISTRY SPECIAL TOPIC	ST	focus than a conventional course.

This course provides graduate students with continued support and

					This course provides graduate students with continued advisement. It is usually
cos	CHEM	CHEM	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
COS	CHEM	CHEM	7970 DISSERTATION RSRCH	DI	This course allows students to pursue research toward the Ph.D. degree.
					This course provides graduate students with continued advisement. It is usually
COS	CHEM	CHEM	7990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
					This course provides graduate students with continued advisement. It is usually
COS	CS	CS	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
COE	ECE	ECE	6950 DESIGN PROJECT	DP	
COE	ECE	ECE	6970 THESIS RESEARCH, MS	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
COE	ECE	ECE	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course consists of individual work on research problems for students
COE	ECE	ECE	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
					This course provides graduate students with continued support and
COF	FCF	FCF	7000 CONT CDAD ADVICENTAL	C 4	advisement. It is usually taken following completion of all coursework required
COE	ECE	ECE	7990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course allows undergraduate students to pursue personal research
HSB	ECFN	ECN	4900 INDEP READ/RESEARCH	RE	interests by formalizing an independent project under the guidance of a professor or faculty mentor.
ПЭБ	ECFIN	ECIN	4900 INDEP READ/RESEARCH	NE	This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
HSB	ECFN	FIN	4900 INDEP RESEARCH/READ	RE	professor or faculty mentor.
1130	LCIN	1111	4900 INDEF RESEARCH/READ	IVL	This course consists of individual work on research problems for students
COE	EED	EED	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
COL	LLD	LLD	7370 DISSERTATION RESEARCH	Di	This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
COE	EED	EED	7990 CONT GRAD ADVISEMENT	GA	for the degree.
CHaSS	ENGL	ENGL	2030 GREAT BOOKS AND IDEAS	0	
					This course offers credit for special assignments, reading, and seminars beyond
CHaSS	ENGL	ENGL	6920 DIRECTED STUDY	DS	regularly scheduled courses.
CHaSS	ENGL	ENGL	6970 THESIS	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CHaSS	ENGL	ENGL	6990 CONT GRAD REGISTRATION	GA	for the degree.
					This course offers credit for special assignments, reading, and seminars beyond
CHaSS	ENGL	ENGL	7920 DIRECTED STUDY	DS	regularly scheduled courses.
					This course consists of individual work on research problems for students
CHaSS	ENGL	ENGL	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
					This course provides graduate students with continued support and
611.66	ENIG!	FNG	TOOL CONT. COAD ADVICENTATIVE		advisement. It is usually taken following completion of all coursework required
CHaSS	ENGL	ENGL	7990 CONT GRAD ADVISEMENT	GA	for the degree.
QCNR	ENVS	ENVS	6800 ENVS DEPT SEMINAR	SE	This course provides a focused study of selected topics.
QCNR	ENVS	ENIV.C	6010 DIRECTED STUDY	DS	This course offers credit for special assignments, reading, and seminars beyond
QCNR	ENVS	ENVS ENVS	6910 DIRECTED STUDY 6970 THESIS RESEARCH	DS TH	regularly scheduled courses. This course is designed for students preparing a master's degree thesis.
QCNK	EINVS	EINVS	03/U ITESIS RESEARCH	IП	this course is designed for students preparing a Master's degree thesis.

					advisement. It is usually taken following completion of all coursework required
QCNR	ENVS	ENVS	6990 CONT GRAD ADVISEMENT	GA	for the degree.
QCNR	ENVS	ENVS	7800 ENVS DEPT SEMINAR	SE	This course provides a focused study of selected topics.
					This course consists of individual work on research problems for students
QCNR	ENVS	ENVS	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
-					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
QCNR	ENVS	ENVS	7990 CONT GRAD ADVISEMENT	GA	for the degree.
cos	GEOS	GEO	4800 SENIOR SEMINAR	SE	This course is a seminar that explores current work in particular topics.
cos	GEOS	GEO	6800 GRADUATE SEMINAR	SE	This course is a seminar that explores current work in particular topics.
cos	GEOS	GEO	6970 THESIS	TH	This course allows students to pursue research toward the M.S. degree.
					This course provides graduate students with continued advisement. It is usually
cos	GEOS	GEO	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
cos	GEOS	GEO	7800 GRADUATE SEMINAR	SE	This course is a seminar that explores current work in particular topics.
cos	GEOS	GEO	7970 DISSERTATION RESEARCH	DI	This course allows students to pursue research toward the Ph.D. degree.
					This course provides graduate students with continued advisement. It is usually
cos	GEOS	GEO	7990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
					Students study a specific area of discipline that is not part of the department's
CEHS	HDFS	HDFS	5550 INTERDISCIPLINARY WORKSHOP	IW	regularly scheduled curriculum.
CHaSS	HIST	HIST	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CHaSS	HIST	HIST	6990 CONT GRAD ADVISEMENT	GA	for the degree.
CHaSS	JCOM	JCOM	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CHaSS	JCOM	JCOM	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					The purpose of this course is to provide an introduction to health promotion
CEHS	KAHS	HEP	5200 Foundations of GLOBAL HEALTH	0	practice and public health from a global perspective.
					Students conduct independent projects under the direction of one or more
					professors. This course provides students with the opportunity for
CEHS	KAHS	HEP	6900 INDEPENDENT STUDY	IS	individualized study.
					This course allows graduate students to pursue personal research interests by
CEHS	KAHS	HEP	6950 INDEPENDENT RESEARCH	RE	formalizing an independent project under the guidance of a graduate professor.
orus.					Students complete individually-directed work in thesis writing with guidance
CEHS	KAHS	HEP	6970 THESIS	TH	from their committee chair.
					This course provides graduate students with continued support and
CELIC	KALIC	LIED	COOO CONT CDAD ADVICENTAL	C 4	advisement. It is usually taken following completion of all coursework required
CEHS	KAHS	HEP	6990 CONT GRAD ADVISEMENT	GA	for the degree.
CEHS	KAHS	KIN	7970 DISSERTATION	DI	This course consists of research for a dissertation, as arranged with an advisor.
					This course is designed to prepare students as pool or nonsurf open water
CEHS	KAHS	PE	1340 LIFE GUARD	0	lifeguards. It presents knowledge and skills necessary for lifeguard functions.
CLIIJ	IVIII IJ	1 -	10-10 LII E GOARD	J	This course covers methods of teaching swimming and lifesaving. It presents
CEHS	KAHS	PE	1345 WATER SAFETY INSTRUCTOR	0	knowledge and skills necessary for lifeguard functions.
CLIIS	IVALIS		10-3 WATER SALETT INSTRUCTOR	J	momente and skins necessary for megadia functions.

This course provides graduate students with continued support and

CEHS	KIN	KIN	6970 THESIS	тн	Students complete individually-directed work in thesis writing with guidance from their committee chair.  This course provides graduate students with continued support and
CEHS	KIN	KIN	7990 COUNTINUING GRADUATE ADVISM	II GA	advisement. It is usually taken following completion of all coursework required for the degree.  This course includes the study of different views of the nature of science: the
					classical traditions of Hempel and Popper, Kuhn's subjectivism, and Feyerabend's anarchism. Topics include confirmation, induction, scientific
CHaSS	LPCS	PHIL	6890 PHILOSOPHY OF SCIENCE	0	realism, reductionism, and the growth of scientific knowledge.
					This course allows students to pursue personal research interests by formalizing
CHaSS	LPCS	PHIL	6900 INDEPENDENT STUDY	IS	an independent project under the guidance of a professor or faculty mentor.
COE	MAE	MAE	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
COE	MAE	MAE	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course consists of individual work on research problems for students
COE	MAE	MAE	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
COE	MAE	MAE	7990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
HSB	MGT	MGT	6990 CONT GRAD ADVISEMENT	GA	for the degree.
COS	MTST	MATH	2910 DIRECTED READING	DR	This course consists of directed readings on specific topics.
COS	MTST	MATH	4910 DIRECTED READING	DR	This course consists of directed readings on specific topics.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	5810 TOPICS IN MATH	ST	narrower focus than a conventional course.
605			FORG TORICS IN AAATU	<b>6</b> T	This course explores a particular topic in greater depth and with
COS	MTST	MATH	5820 TOPICS IN MATH	ST	narrower focus than a conventional course.
COS	MTST	MATH	5910 DIRECTED READING	DR	This course consists of directed readings on specific topics.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	6810 TOPICS IN MATH	ST	narrower focus than a conventional course.
605			CORD TODICS IN AATU	<b>6</b> T	This course explores a particular topic in greater depth and with
COS	MTST	MATH	6820 TOPICS IN MATH	ST	narrower focus than a conventional course.
COS	MTST	MATH	6910 DIRECTED READING	DR	This course consists of directed readings on specific topics.
COS	MTST	MATH	6970 THESIS	TH	This course allows students to pursue research toward the M.S. degree.
					This course provides graduate students with continued advisement. It is usually
COS	MTST	MATH	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.  This course explores a particular topic in greater depth and with
COS	MTST	MATH	7110 GEOMETRY (TOPIC)	ST	narrower focus than a conventional course.
			,		This course explores a particular topic in greater depth and with narrower focus
COS	MTST	MATH	7120 GEOMETRY (TOPIC)	ST	than a conventional course.
			. ,		This course explores a particular topic in greater depth and with
COS	MTST	MATH	7210 ANALYSIS (TOPIC)	ST	narrower focus than a conventional course.

					This course explores a particular topic in greater depth and with
COS	MTST	MATH	7220 ANALYSIS (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
cos	MTST	MATH	7310 ALGEBRA (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	7320 ALGEBRA (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
cos	MTST	MATH	7410 DIFFERENTIAL EQUATIONS (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
cos	MTST	MATH	7420 DIFFERENTIAL EQUATIONS (TOPIC)	ST	narrower focus than a conventional course.
			· ,		This course explores a particular topic in greater depth and with
cos	MTST	MATH	7510 TOPOLOGY (TOPIC)	ST	narrower focus than a conventional course.
			, ,		This course explores a particular topic in greater depth and with
COS	MTST	MATH	7520 TOPOLOGY (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	7610 NUMERICAL ANALYSIS (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	7620 NUMERICAL ANALYSIS (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	7750 PROBABILITY (TOPIC)	ST	narrower focus than a conventional course.
			,		This course explores a particular topic in greater depth and with
COS	MTST	MATH	7760 PROBABILITY (TOPIC)	ST	narrower focus than a conventional course.
			7,00 11102/12/11 (10110)	· .	This course explores a particular topic in greater depth and with
COS	MTST	MATH	7810 TOPICS IN MATH	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	MATH	7820 TOPICS IN MATH	ST	narrower focus than a conventional course.
			7020 101100	· .	This course provides guided experience and supervision in teaching university-
COS	MTST	MATH	7910 COLLEGE TEACHING INTERNSHIP	GI	level courses.
COS	MTST	MATH	7970 DISSERTATION RESEARCH	DI	This course allows students to pursue research toward the Ph.D. degree.
			7576 516621117111611 112627111611	2.	This course provides graduate students with continued advisement. It is usually
COS	MTST	MATH	7990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
COS	MTST	STAT	4950 DIRECTED READING	DR	This course consists of directed readings on specific topics.
		0	1550 511120125 1121151110	2	This course explores a particular topic in greater depth and with
COS	MTST	STAT	5820 TOPICS IN STATISTICS	ST	narrower focus than a conventional course.
COS	MTST	STAT	5940 DIRECTED READING	DR	This course consists of directed readings on specific topics.
COS	MTST	STAT	6950 DIRECTED READING	DR	This course consists of directed readings on specific topics.
		•			This course provides graduate students with continued advisement. It is usually
COS	MTST	STAT	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
		•			This course explores a particular topic in greater depth and with
COS	MTST	STAT	7110 LINEAR MODELS (TOPIC)	ST	narrower focus than a conventional course.
		0	7 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· .	This course explores a particular topic in greater depth and with
cos	MTST	STAT	7120 LINEAR MODELS(TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7180 TIME SERIES (TOPIC)	ST	narrower focus than a conventional course.
				-	This course explores a particular topic in greater depth and with
COS	MTST	STAT	7190 TIME SERIES (TOPIC)	ST	narrower focus than a conventional course.
		÷ · · · · ·			

This course explores a particular topic in greater depth and with

					This course explores a particular topic in greater depth and with
cos	MTST	STAT	7210 EXPERIMENTAL DESIGN (TOPIC)	ST	narrower focus than a conventional course.
COS	101131	SIAI	7210 EXPERIIVIENTAL DESIGN (TOPIC)	31	This course explores a particular topic in greater depth and with
cos	MTST	STAT	7220 EVDEDIMENTAL DESIGN (TODIC)	ST	narrower focus than a conventional course.
CO3	101131	SIAI	7220 EXPERIMENTAL DESIGN (TOPIC)	31	
COS	N ATCT	CTAT	7240 BUS (INIDUSTRIAL STAT (TORIS)	CT	This course explores a particular topic in greater depth and with
COS	MTST	STAT	7310 BUS/INDUSTRIAL STAT (TOPIC)	ST	narrower focus than a conventional course.
606	N ATCT	CTAT	7220 BUS (INIDUSTRIAL STAT (TORIS)	CT	This course explores a particular topic in greater depth and with
COS	MTST	STAT	7320 BUS/INDUSTRIAL STAT (TOPIC)	ST	narrower focus than a conventional course.
COS	N ATCT	CTAT	TEAC NONDADANAETRIC CTAT (TODIC)	CT	This course explores a particular topic in greater depth and with
COS	MTST	STAT	7510 NONPARAMETRIC STAT (TOPIC)	ST	narrower focus than a conventional course.
606	• 4767	CTAT	TERRAL MONITOR DANAGET DISCOURT (TODIS)	C.T.	This course explores a particular topic in greater depth and with
COS	MTST	STAT	7520 NONPARAMETRIC STAT (TOPIC)	ST	narrower focus than a conventional course.
606	• 4767	CTAT	7550 (0040 (0040) (700)()	C.T.	This course explores a particular topic in greater depth and with
COS	MTST	STAT	7550 COMP-GRAPH (TOPIC)	ST	narrower focus than a conventional course.
606					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7560 COMP-GRAPH (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7610 MULTIVARIATE STAT (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7620 MULTIVARITE STAT (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7710 MATH STATISTICS (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7720 MATH STATISTICS (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7730 BAYESIAN STAT/DEC (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7740 BAYESIAN STAT/DEC (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7810 TOPICS-STAT (TOPIC)	ST	narrower focus than a conventional course.
					This course explores a particular topic in greater depth and with
COS	MTST	STAT	7820 TOPICS-STAT (TOPIC)	ST	narrower focus than a conventional course.
COS	MTST	STAT	7970 DISSERTATION RESEARCH	DI	This course allows students to pursue research toward the Ph.D. degree.
					This course provides graduate students with continued advisement. It is usually
COS	MTST	STAT	7990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CAAS	NDFS	NDFS	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CAAS	NDFS	NDFS	7990 CONT GRAD ADVISEMENT	GA	for the degree.
COS	PHYX	PHYS	2700 SCIENCE EXCURSION	0	
					This course provides graduate students with continued advisement. It is usually
COS	PHYX	PHYS	6990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
COS	PHYX	PHYS	7510 SEMINAR	SE	This course is a seminar that explores current work in particular topics.
COS	PHYX	PHYS	7970 DISSERTATION RESEARCH	DI	This course allows students to pursue research toward the Ph.D. degree.

					This course provides graduate students with continued advisement. It is usually
COS	PHYX	PHYS	7990 CONT GRAD ADVISEMENT	GA	taken following completion of all coursework required for the degree.
CHaSS	POLS	POLS	3250 CHINESE GOVT/POLITIC (DSS)	0	
					This course provides an in-depth review and discussion of special topics that are
CHaSS	POLS	POLS	4890 SPECIAL TOPICS	ST	not part of the standard curriculum.
CHaSS	POLS	POLS	6910 GRADUATE TUTORIAL	0	This will be done via Curriculog (per email from Matthew Sanders)
CHaSS	POLS	POLS	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
CIT-CC	POLS	DOLC	COOR CONT CRAD ADVICENTAL	C 4	advisement. It is usually taken following completion of all coursework required
CHaSS CAAS	PSC	POLS PSC	6990 CONT GRAD ADVISEMENT 6970 RESEARCH AND THESIS	GA TH	for the degree. This course is designed for students preparing a master's degree thesis.
CAAS	rsc	rsc	0970 RESEARCH AND THESIS	111	This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CAAS	PSC	PSC	6990 CONT GRAD ADVISEMENT	GA	for the degree.
C/ U (S	130	150	COSC CONTINUE AND	O/ C	This course consists of individual work on research problems for students
CAAS	PSC	PSC	7970 RESEARCH AND THESIS	TH	enrolled in doctoral programs.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CAAS	PSC	PSC	7990 CONT GRAD ADVISEMENT	GA	for the degree.
					Students study a specific area of discipline that is not part of the department's
					regularly scheduled curriculum. Students should work with a professor before
CEHS	PSY	PSY	5500 INTERDISCIPLINARY WORKSHOP	IW	the semester begins to determine feasibility and scope of topic.
					This course consists of research for a master's thesis, arranged with the advisor.
CEHS	PSY	PSY	6970 THESIS	TH	Credits may vary by semester.
CEHS	PSY	PSY	6990 CONT GRAD ADVISEMENT	GA	This course consists of continuing registration to complete thesis requirements.
CLIIS	131	131	COSC CONTINUE AND	O/ C	This course covers dissertation research for students in the Curriculum and
CEHS	PSY	PSY	7970 DISSERTATION	DI	Instruction specialization. Credits may vary by semester.
					This course consists of continuing registration to complete dissertation
CEHS	PSY	PSY	7990 CONT GRAD ADVISEMENT	GA	requirements.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	SPER	REH	6900 INDEPENDENT STUDY	IS	professor or faculty mentor.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	SPER	REH	6910 INDEPENDENT RESEARCH	RE	professor or faculty mentor.
CEHS	SPER	REH	6970 THESIS	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CEHS	SPER	REH	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
CELIC	CDED	DELL	7000 CONT CRAD ADVICENATELY	C 4	advisement. It is usually taken following completion of all coursework required
CEHS	SPER	REH	7990 CONT GRAD ADVISEMENT	GA	for the degree. This course consists of additional readings or research done beyond the
CEHS	SPER	SPED	2790 SPECIAL TOPICS	ST	material covered in other courses.
CLIIJ	Jr LN	Jr LD	2750 SECIAL TOPICS	JI	material covered in other courses.

					This course consists of additional readings or research done beyond the
CEHS	SPER	SPED	4790 SPECIAL TOPICS	ST	material covered in other courses.
CENS	31 211	31 25	4730 SI ECIME FOLICES	3.	This course constitutes of a student teaching experience in the student's field of
CEHS	SPER	SPED	5200 STUDENT TEACHING (CI)	0	study.
02.10	31 211	31 25	3200 STODENT TEXTING (CI)	Ü	This course consists of additional readings or research done beyond the
CEHS	SPER	SPED	5790 SPECIAL TOPICS	ST	material covered in other courses.
02.10	31 211	31 25	3730 31 ECINE 1011C3	31	This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	SPER	SPED	5900 INDEPENDENT STUDY	IS	professor or faculty mentor.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	SPER	SPED	5910 INDEPENDENT RESEARCH	RE	professor or faculty mentor.
CEHS	SPER	SPED	6810 SEMINAR IN SPED	SE	This course provides a focused study of selected topics.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	SPER	SPED	6900 INDEPENDENT STUDY	IS	professor or faculty mentor.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	SPER	SPED	6910 INDEPENDENT RESEARCH	RE	professor or faculty mentor.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CEHS	SPER	SPED	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CEHS	SPER	SPED	7990 CONT GRAD ADVISEMENT	GA	for the degree.
					This is a special topics course or seminar for graduate students in the Master of
CHaSS	SSWA	ANTH	6950 SPECIAL TOPICS/SEMINAR	ST	Science in Anthropology program.
CHaSS	SSWA	ANTH	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
CHaSS	SSWA	SOC	6970 THESIS RESEARCH	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CHaSS	SSWA	SOC	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course consists of individual work on research problems for students
CHaSS	SSWA	SOC	7970 DISSERTATION RESEARCH	DI	enrolled in doctoral programs.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CHaSS	SSWA	SOC	7990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	TEAL	ELED	5900 INDEPENDENT STUDY	IS	professor or faculty mentor.
					This course allows undergraduate students to pursue personal research
					interests by formalizing an independent project under the guidance of a
CEHS	TEAL	SCED	5900 INDEPENDENT STUDY	IS	professor or faculty mentor.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CEHS	TEAL	TEAL	6990 CONT GRAD ADVISEMENT	GA	for the degree.

					relate to improving instructional practices. The course emphasizes research findings and recommended practices. Differentiated syllabi are provided
CEHS	TEAL	TEAL	7050 THEORIES INSTR SUPERVISION	0	between the master's and doctoral versions.
					Students study a specific area of discipline that is not part of the department's
CEHS	TEAL	TEAL	7500 INTERDISCIPLINARY WORKSHOP	IW	regularly scheduled curriculum.
CCA	THAR	THEA	6970 THESIS	TH	This course is designed for students preparing a master's degree thesis.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
CCA	THAR	THEA	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
QCNR	WILD	WILD	6990 CONT GRAD ADVISEMENT	GA	for the degree.
					This course provides graduate students with continued support and
					advisement. It is usually taken following completion of all coursework required
QCNR	WILD	WILD	7990 CONT GRAD ADVISEMENT	GA	for the degree.

This course covers principles and the theoretical base of supervision as they