

Members present (via Webex): Thomas Stollar, AL; Ethlyn Williams, BA; John Renne, CDSI; Yash Bhagwanji, ED; Dan Meeroff, EG; Miguel Ángel Vázquez, HC; Katherine Chadwell, NU; Jerry Haky, SC; Thomas O’Brien, Library; Edward Pratt, Dean, Undergraduate Studies; Brian Hodge, Maria Jennings and Elissa Rudolph, Registrar’s Office (RO).

Guests: Fred Bloetscher, Engineering and Computer Science; Mihaela Cardei, CEECS; Donna Chamely-Wiik, Office of Undergraduate Research and Inquiry (OURI); Jeff Galin, Writing Across Curriculum (WAC); Mary Ann Gosser, University Honors Council (UHC); Wendy Guastaferrro, Criminology and Criminal Justice; Eric Hanne, History; Eric Levy, Economics; Kristen Lindbeck, Languages, Linguistics and Comparative Literature; William Kalies, Mathematics; Evonne Rezler, Science; Ata Sarajedini, Dean, College of Science; Debra Szabo, Provost’s Office; Hanqi Zhuang, CEECS.

The meeting was called to order at 10:05 a.m. on Webex.

I. MINUTES APPROVAL AND ANNOUNCEMENTS

After welcoming the members and guests, Chair Jerry Haky asked for review/approval of the Committee’s minutes from its last meeting, February 24, 2020. No corrections or additions were put forward. **The UUPC approved the minutes as written.**

Chair Haky mentioned that the new pass/fail option for students is going into effect soon. By April 22, students must make a decision. Once the deadline has passed, students may not change their grading option back to standard grading. University Registrar Brian Hodge shared that the BOG wanted universities to submit their decisions by March 25. Therefore, the Steering Committee of the University Faculty Senate made the determination. Undergraduate Studies Dean Ed Pratt clarified that certain writing courses (Writing Across Curriculum [WAC]) cannot use the P/F option. Certain colleges are also restricting which courses may be taken as P/F. Chair Haky asked how this option is to be shown on student records. Dean Pratt stated that the professors add the usual grade to each student’s record, then it is converted to P or F, if the student has requested such.

II. OLD BUSINESS

1. Engineering and Computer Science

EG Rep Dan Meeroff spoke about a new program, approval of which had been postponed at the last meeting due to lack of review by Continuing Education. Now additional documents showing review and support of the new Self-Supporting BS in Computer Science have been obtained. **The UUPC approved the new program.**

<p>New Program Signature Form Additional Documents Approval</p>	<p>Self-Supporting Bachelor of Science in Computer Science with Professional Specialized Track</p>		<p>New</p>	
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2. Science

Approval of two new Chemistry courses had been postponed at the last UUPC meeting due to the need for more discussion between departments. Now, the Biology department, after review, provided a letter of support. **The UUPC approved the new courses.**

<p>CHM 4270 Support</p>	<p>Introduction to Drug Development</p>	<p>3</p>	<p>New</p>	
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CHM 4274 Support	Introduction to Drug Formation	3	New	
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III. New Business

1. Arts and Letters

History

Guest Eric Hanne presented the first three items in History. The U.S. History courses will have the P/F grading option removed. Since the first course fulfills the Civic Literacy component and the second course is inextricably related to the first, removal of the P/F choice is necessary for both. The third course has been taught as Special Topics and will become part of a new Public History program. Both Anthropology and Architecture have reviewed this new course and have no objections. **The UUPC approved the course changes and new course.**

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Much discussion centered on the new German course, GER 2225, prompted by the word “Online” in the title. Guest Kristen Lindbeck said that, essentially this was the typical Intermediate German course, the only difference being that it was taught online. Registrar Hodge voiced a concern that a new course number was necessary if the only difference was mode of delivery. Maria Jennings, Registrar’s Office, offered that there was precedent in the state; another state institution has the same course number and title. Dean Pratt added that mode of delivery was not enough of an incentive to qualify for a different course number. Dr. Lindbeck offered to withdraw the course and deliver the content through the current Intermediate German course, but with online delivery. Dr. Lindbeck also discussed the prefix, number and titles changes to the GEW 2104 course. **The UUPC agreed to the withdrawal of GER 2225 and the changes in the GEW course.**

Next, Dr. Lindbeck discussed the new Linguistics courses and the one LIT course change. EG Rep Meeroff offered a recommendation that the Research Methods course apply to add the Research Intensive (RI) component to the course. Dr. Lindbeck thanked Rep Meeroff for his suggestion and said she would convey it to her department chair. **The UUPC approved the four courses.**

Discussion then ensued concerning a program change in the German Minor. The withdrawn course was a part of this minor. Dr. Lindbeck said that she would substitute another course for the withdrawn one, but that could not be done at this meeting. **The UUPC approved postponing the Minor in German changes until the next meeting.**

Changes to the Linguistics Minor were reviewed and described by Dr. Lindbeck. **The UUPC approved the changes.**

The last item, reducing credits in the Commercial Music Minor, was explained by AL Rep Thomas Stollar. Removing one course from the 15-credit requirement lessened the burden on students, AL Rep Stollar explained; the course to be removed focused on music history, which was not totally relevant to a minor devoted to the business of music. **The UUPC agreed and approved the change.**

AMH 2010	U.S. History to 1877	3	Change	Remove P/F option
AMH 2020	U.S. History since 1877	3	Change	Remove P/F option
HIS 3091 Form Syllabus	Historic Preservation	3	New	

Program Change	Minor in German		Change	Postponed
Program Change Support	Minor in Linguistics		Change	
GEW 2104 (GER 2221)	Readings in Intermediate German (GER 2221, Intermediate German 2)	4	Change	
GER 2225	Online Intermediate German	4	New	Withdrawn
LIN 3004	Languages of the World	3	New	
LIN 4162	Field Methods in Linguistics	3	New	
LIN 4912	Research Methods in Linguistics	3	New	
LIT 3060	Introduction to Comparative Literature	3	Change prereqs. and description	
Program Change	Commercial Music Minor		Change	

2. Business

Guest Eric Levy introduced the new honors program in Economics and the new RI course. The four courses in the “honors in the major” program will help students achieve honors-level enrichment in economics. This honors program was reviewed and approved by the University Honors Council (UHC), as confirmed by Dr. Mary Ann Gosser, UHC Director. Donna Chamely-Wiik stated that the Research Intensive (RI) course was reviewed and approved by both the UHC and the OURI. **Chair Haky called for approval and the UUPC approved.**

BA Rep Ethlyn Williams next addressed the three new courses that will be available in the B.S. in Data Science and Analytics program. The three courses cover various areas of business that will enhance the experience of students who are focusing on the commercial aspects of data science. **The UUPC approved the new courses.**

New Program Honors Approval	Honors Program in Economics		New	
ECO 4935 Honors Approval RI Approval	RI: Honors Senior Seminar in Economics	3	New	
GEB 3231	Business Communication for Data Analysis	3	New	BS in Data Science and Analytics (BSDSA) course
HFT 4881	Revenue Management and Predictive Analytics in Hospitality and Tourism Industry	3	New	BSDSA course
MAR 4615	Business Analytics for Marketing and Customer Relationship Management	3	New	BSDSA course

3. Design and Social Inquiry

DSI Rep John Renne introduced Guest Wendy Guastafarro of Criminology and Criminal Justice who then spoke about the new course. She said this course encompasses social implications in Artificial Intelligence (AI) and strategies to ensure accountability. It is a survey course covering techniques and skills to help communities using AI to solve their social problems. This course will be available in the B.S. in Data Science and Analytics program. **The UUPC approved the new course.**

CCJ 3071	Artificial Intelligence for Social Good	3	New	BSDSA course
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4. Education

ED Rep Yash Bhagwanji described the new certificate saying that the 12-credit program is aimed at teaching nature-based environmental education. He also stated that FAU would be the first institution in the country to offer such a program for the professional development of teachers. **The UUPC approved the new certificate.**

New Certificate	Early Childhood Environmental Education Certificate		New	
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5. Engineering

Civil, Environmental and Geomatics Engineering

EG Rep Meeroff introduced the changes for this department's programs that entail refining elective choices and adding more flexibility for students. The three course changes noted below are being made to implement the revisions. **The program changes and course changes were approved by the UUPC.**

Computer & Electrical Engineering and Computer Science

Guest Fred Bloetscher spoke to the addition of a cooperative education option in the CEECS programs. It offers a structured learning situation permitting students to apply concepts learned in the classroom to real-world work environments. Registrar Hodge suggested that the catalog description accompanying this new program involves much in-depth explanation that might be better viewed as webpage text. Guest Bloetscher agreed to consolidate the catalog text reserving the broader text for the department's webpage. **The UUPC approved the new addition contingent upon receiving a modified catalog description (this revision was received). Changes to two courses, CAP 4770 and CEN 4400, and the addition of a course to the choices in the Data Science Certificate were also approved by the UUPC.**

Two new courses, part of the B.S. in Data Science and Analytics program, were discussed. The question of whether the Psychology Department was contacted about CAP 2750 came up, since the title is reminiscent of PSY 3234 (Experimental Design and Statistical Inference). Dr. Mihaela Cardei, CEECS, said that all five colleges involved in the B.S. program in the original Data Science and Analytics proposal had seen a list of the courses to be taught including CAP 2750. No one had voiced an objection at that time. Dr. William Kalies, Mathematics, said that he was unaware of a problem, but would contact the Psychology Department to get their views and send a letter of support for this course to the Registrar's Office. **The UUPC approved both new courses, contingent upon receiving support from Psychology for CAP 2750 (this support was received).**

Program Change	Civil Engineering, Environmental Engineering and Geomatics Engineering revisions		Changes	
CES 4711	Prestressed Concrete Design	3	Change prereqs.	
ENV 4112	Air Pollution and Control Systems	3	Change prereqs.	

ENV 4112L	Air Pollution Lab	1	Change prereqs.	
Program Change	Cooperative Education Program for Computer and Electrical Engineering and Computer Science		Add option	
Program Change Catalog Change Support	Data Science Certificate		Change	
CAP 2750 Syllabus Engineering Support Psychology Support	Experimental Design and Data Analytics	3	New	BSDSA course
CAP 2751 Syllabus	Tools for Data Science	3	New	BSDSA course
CAP 4770 Syllabus	Introduction to Data Mining and Machine Intelligence (New title: Introduction to Data Mining and Machine Learning)	3	Change	Title, prereqs.
CEN 4400 Syllabus	Introduction to Computer Systems Performance Evaluation	3	Change	Prereqs.

6. Honors College

HC Rep Miguel Vázquez presented two new combined BA or BS/MS programs in Math. Chair Haky asked about the approval chain for such programs. Usually the UUPC approves a combined program first, then the UGPC (University Graduate Programs Committee) approves. In this case though, the UGPC has already seen these proposals and has approved. Dr. Kalies mentioned that the intention was to get these programs on the March 18 UGPC meeting agenda since it would be the last meeting until August, thus holding up the implementation of the new combined programs. **The UUPC approved the new programs while reiterating that the normal process should be followed in the future.**

New Combined Program	Honors College BA or BS in Math/Science/ MS in Applied Mathematics and Statistics		New	
New Combined Program	Honors College BA or BS in Math/Science/ MS in Mathematical Sciences			
Flight Plans				
Honors Approval				

7. Science

Interdisciplinary Sciences

Chair Haky introduced Ata Sarajedini, Dean of the College of Science, so he could present a new course, IDS 2155, Human Mission to Mars. Dean Sarajedini began by describing how the course had been offered as Special Topics, and now, due its popularity among students and the twelve faculty who teach it, the course needs a permanent number. A question arose about the resources devoted to this course

as 12 faculty are involved, each teaching a difference module. Dr. Sarajedini replied that as long as the 12 faculty members are committed, there is not an issue, but the course will be reviewed in the future as it evolves. In addition, it was approved as an IFP course in the area of Science/Natural World. There are no prerequisites, Dr. Sarajedini said, so that any student at FAU can take it. **The UUPC approved the new course.**

Chemistry and Biochemistry

Chair Haky presented two new courses from Chemistry. A committee member asked whether or not the Biology Department had reviewed the Chemical Biology course. Chair Haky said that the review did take place, and he will email Biology's support letter to the Registrar's Office (that support letter was received). **The UUPC approved the two new courses.**

Geosciences

Chair Haky spoke to the Geosciences items: A new course and two courses changes. The new course will be an elective. EG Rep Meeroff noted that the Geosciences Department did reach out to Civil Engineering about the GIS course. A letter of support exists, and he will convey it to the Registrar's Office (that support was received). The course changes involved changing titles to better reflect the developing science of climate change. **The UUPC approved the new and changed courses.**

Mathematical Sciences

Dr. Kalies presented the new B.S. in Data Science and Analytics, a shared program among the colleges of Arts and Letters, Business, Design and Social Inquiry, Engineering and Computer Science and Science. This program has three concentrations reflecting the importance of data science and analytics in the areas of Business, Engineering and Natural Science. Registrar Hodge noted that the Transfer Student language on p. 21 was not clear. It should be further clarified for the catalog. Also the Capstone area could be abridged. Chair Haky asked about flight plans for this program. Dr. Kalies would look into flight plans using a template from CEECS and Dr. Cardei and offered to adjust the transfer student information and capstone verbiage (all revisions were received after the meeting). Three new courses are associated with the new degree and those were discussed as well. **After this discussion, the UUPC approved the new program and courses.**

Another new item, a combined program – B.S. in Math/M.S. in Applied Mathematical Sciences and Statistics – was described by Dr. Kalies. He stated that this program also went to the UGPC first, for the same reason as the Honors College combined programs. **The UUPC approved the new combined program.**

Removing the Research Intensive (RI) component in a statistics course, the last item on the agenda, prompted a discussion with Dr. Chamely-Wiik about the process. Usually her office (OURI) reviews and approves the inclusion of the RI component, but this is the first instance in which RI is being removed for a course. She asked the committee for recommendations on how to proceed with removals. Dr. Kalies said that the department retooled the course removing the parts related to RI. Dr. Chamely-Wiik replied that it might have been better to leave the original course with the RI and create a new course without RI. Then there would be two courses on the books in case a future professor might want to teach a statistics course with a research component. In the end, it was decided that OURI should be contacted by any department wishing to remove RI on a course allowing them to provide recommendations before such action takes place. Dr. Jeff Galin shared that for the WAC component, a memo to his office would also be appreciated for the removal of WAC. EG Rep Meeroff suggested that for existing RI courses, it might be better to leave them as is and create a new course without the RI instead of removing the RI. Dr. Chamely-Wiik recommended that this new process be conveyed to the colleges. **The course change was approved by the UUPC.**

IDS 2155 IFP Approval Support	Human Mission to Mars	3	New and IFP	
CHM 4300 Support	Introduction to Chemical Biology	3	New	
CHM 4490	Organic Spectroscopy	3	New	
EVR 4112	Natural Hazards, Climate and Society (New title: Hazards, Climate and People)	3	Change title	
GIS 4122C Support	Mobile GIS and Drone Technology	3	New	
MET 2010	Weather and Climate (New title: Weather, Climate and Climate Change)	3	Change title	
New Program Signature Forms/Approvals Catalog Copy, IFP, Outcomes Flight Plans	BS in Data Science and Analytics		New	
Support for courses below				
ISC 4312	Data Science Capstone	3	New	BSDSA course
MAP 2190	Mathematics of Data Science	3	New	BSDSA course
MTG 4328	Topology for Data Science	3	New	BSDSA course
STA 4102 (STA 3100)	RI: Computational Statistics	3	Remove RI, change level and course number	BSDSA course
New Combined Program	B.S./M.S. in Applied Mathematical Sciences and Statistics		New	

8. Library

Library Rep Thomas O'Brien offered that although the library is closed, they are still working from home and have resources for students working from home. The Libraries have a webpage that provides students with ways to access resources remotely, as well as ways to get in touch with a librarian for assistance. It can all be found by going to www.fau.edu and doing a search for "lib2go" There are many resources here.

9. Nursing had no report

IV. NEXT MEETING/ADJOURNMENT

1. The next UUPC meeting will be on Monday, April 27, 2020, 10 a.m. to noon in a format to be determined.
2. Steering Meeting dates: <http://www.fau.edu/ufsgov/steering-committee.php>
3. University Faculty Senate meeting dates: <http://www.fau.edu/ufsgov/calendar.php>
4. Chair Haky declared the meeting adjourned at 12:03 a.m.