

Members present (via Webex): Thomas Stollar, AL; Ethlyn Williams, BA; Yash Bhagwanji, ED; Dan Meeroff, EG; James Wetterer, HC; Katherine Chadwell, NU; Jerry Haky, SC; Precious Skinner-Osei, SJ; Thomas O’Brien, Library; Edward Pratt, Dean, Undergraduate Studies; Brian Hodge, Maria Jennings and Elissa Rudolph, Registrar’s Office.

Guests: Anthony Ambrosio, Undergraduate Studies; Fred Bloetscher, Engineering and Computer Science; Randy Brooks, Biology; Mihaela Cardei, Engineering; Donna Chamely-Wiik, Office of Undergraduate Research and Inquiry (OURI); Eric Chang, Economics; DaLaine Chapman, Music; Willie Freeman, Center for Online and Continuing Education; Julie Golden-Botti, Center for Online and Continuing Education; Mary Ann Gosser, University Honors Council (UHC); Javad Hashemi, Engineering and Computer Science; Terje Hill, Honors College; Erik Johanson, Geosciences; Hari Kalva, CEECS; Tricia Meredith, Henderson School; Debra Szabo, Provost’s Office; William Trapani, Arts and Letters; Kevin Wilt, Music; Zhixiao Xie, Geosciences; Xiao-Dong Zhang, Mathematics; Hanqi Zhuang, CEECS; Michael Zourdos, Exercise Science and Health Promotion.

The meeting was called to order at 10 a.m.

I. APPROVAL OF MINUTES AND ANNOUNCEMENTS

After welcoming the members and guests, Chair Jerry Haky asked for review/approval of the Committee’s minutes from its last meeting, March 1, 2021. **The UUPC approved the minutes as written.** Chair Haky’s only announcement was to remind representatives to attend the Senate meeting that afternoon if they had items on the agenda and to attend the Steering meeting on April 15, 2021, if they have items being approved at today’s meeting.

II. OLD BUSINESS

1. Science

Guest Zhixiao Xie spoke about the minor changes for the two Geosciences courses, which had been postponed at the previous meeting due to a lack of representation. After Dr. Xie’s discussion, the **UUPC approved the new courses.**

GIS 4035C	Remote Sensing of the Environment	3	Change prerequisite and corequisite	
GLY 4750C	Field Methods (New title: Geology Field Methods)	3	Change title and description	

III. NEW BUSINESS

1. University-Wide

Discussion – Mapping of Diversity, Equity and Inclusion in the Intellectual Foundations Program (IFP)

Undergraduate Studies Dean Ed Pratt began the discussion of diversity, equity and inclusion (DEI) and introduced Guest Anthony Ambrosio to present recent findings. Dr. Ambrosio stated that a survey had been sent to FAU professors to gather current syllabi, which his committee then studied for gaps in DEI and will assist faculty in integrating DEI into their teachings or Student Learning Outcomes (SLOs). Dr. Ambrosio’s committee also found the syllabi that did express DEI in some measure could revamp the statements to more clearly demonstrate DEI goals.

Dean Pratt stated that voluntary statements from faculty members would go a long way to achieving DEI objectives. He said the committee is ready to move forward in communicating with IFP faculty to add DEI to their courses. Guest Debra Szabo said that Academic Learning Compacts (ALC) would be revised as well to show DEI outcomes. Faculty will receive resources to develop rubrics. Then the new ALCs will be received by the Provost’s Office by August, reviewed during the coming year and implemented in 2022-2023. **The UUPC expressed interest in this initiative and requested updates as they happen.**

AA Degrees

Dean Pratt brought forward a new requirement for students who earn an AA degree at FAU. The additional statement requires that AA students earn a minimum of 30 of 40 lower-division credits at FAU to ensure the university awards AA degrees to students who have earned the majority of lower-division credits at FAU. Exceptions may be made for transfer students. **The UUPC approved this new requirement.**

Undergraduate Research Certificate

Guest Donna Chamely-Wiik of the Office of Undergraduate Research and Inquiry introduced Guest Tricia Meredith to discuss the new certificate. The purpose of the certificate is to recognize undergraduate students for their systematic development of excellence in research. There are just two requirements for students to obtain the certificate: complete 12 credits of coursework related to research and produce a presentation to be discussed at the FAU Undergraduate Research Symposium. The presentation requirement will be tracked by a new 0-credit course noted below, IDS 4914. Registrar Brian Hodge suggested that a representative attend an upcoming advisors' meeting to outline and explain the new certificate. **The UUPC approved the new undergraduate research certificate.**

New Course

A new course to accompany the new undergraduate research certificate was presented. HC Rep James Wetterer asked that since students presenting in the symposium would need to register for this new course, then students would not be able to decide last minute to present? Donna Chamely-Wiik replied that students would be able to decide later in the semester. This course does not prevent a late decision. **The UUPC approved the new course.**

Program Change	AA Degree Requirements		Add a new requirement	
New Certificate College support: AL, BA, ED, EG, HC, NU, SC	Undergraduate Research Certificate	12	New	
IDS 4914	Undergraduate Research Forum	0	New	

2. Science

Exercise Science and Health Promotion

Guest Michael Zourdos, Exercise Science and Health Promotion, presented the course changes in his area. The credit changes in two of the courses do not increase credits for the specific programs because other areas of the programs are being decreased. This was also part of his discussion for the program change in the BS in Exercise Science and Health Promotion program. **The UUPC approved the course changes and program change.** Next, Guest Zourdos discussed the two accelerated bachelor-to-master programs, each allowing 9 credits of graduate coursework to be shared by the undergraduate and graduate programs. Guest Debra Szabo stated that she had reviewed all combined programs and did not find any obstacles in these or other combined programs. The University Graduate Programs Committee (UGPC) has already reviewed and approved the two new combined programs. **The UUPC approved the two new combined programs.**

APK 4110	Exercise Physiology (New title: Exercise Physiology 1)	3	Change title	
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APK 4110L	Exercise Physiology Lab (New title: Exercise Lab Techniques)	1	Change title	
APK 4134	Exercise Physiology 2	2 (3)	Change credits	
PET 3102	Introduction to Exercise Science and Health Promotion (New title: Introduction to Health and Exercise Science)	3	Change title	
PET 4946	Internship	9 (3-9)	Change credits	
Program Change	BS in Exercise Science and Health Promotion		Course title and credit changes; removal of a required course; removal of three elective courses	
New Combined Program	BA in Health Science/MS in Exercise Science and Health Promotion		New	
New Combined Program	BS/MS in Exercise Science and Health Promotion		New	

Biological Sciences

Guest Randy Brooks presented a program change for the BS in Medical Biology, a change that adds a course to the electives table. **The UUPC approved this change.**

Program Change	BS in Medical Biology		Add course to electives table	
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Geosciences

Guest Zhixiao Xie first discussed the new GIS course. **It was approved by the UUPC.** Next he presented the program changes for the two GIS certificates, the GIS minor, and the BA and BS in Geosciences with a Geography focus. The changes for these programs all involve adding this new course (GIS 4054C) and another new course that already exists to the program choices. The BS changes also involve replacing MAC 2311 with MAC 2233. **The UUPC approved the program changes.** For the program change in the BS in Geosciences to add a Climate Change focus, Guest Erik Johanson explained that the new focus aligns with current climate science and encompasses elective courses from several departments. Support for this new focus was received from Civil, Environmental and Geomatics Engineering with the suggestion of adding ENV 3001C to the list of approved electives. Support was also received from the departments of Economics, Urban and Regional Planning and Political Science. **The UUPC approved the new focus on climate change.** Lastly, Guest Xie presented the new combined BS/MS program in Geosciences. He explained the department previously offered a BA/MA combined program that was phase out. **The UUPC approved the new combined program.**

GIS 4054C	Web GIS	3	New	
Program Change	Geographic Information Systems Certificate		Add two new courses to program choices	
Program Change	Advanced Geographic Information Systems Certificate		Add two new courses to program choices	
Program Change	Geographic Information Science Minor		Add two new courses to program choices	

Program Change	Bachelor of Arts in Geosciences: Geography Focus		Add two new courses to program choices	
Program Change	Bachelor of Science in Geosciences: Geography Focus		Add two new courses to program choices	
Program Change Support from departments	Bachelor of Science in Geosciences: Climate Change Focus		Add a new focus for the program: Climate Change	
New Combined Program	BS/MS in Geosciences		New	

Mathematical Sciences

Guest Xiao-Dong Zhang discussed the changes in the Mathematics Minor. He said the changes will make the minor more accessible and more appealing to students, including reducing the credits from 24 to 12-13. **The UUPC approved the changes in the minor.** Dr. Zhang next presented a new course (MAS 3156) that gained support from Engineering. **The UUPC approved the new course.**

Psychology

The last Science item, adding the research-intensive component (RI) to an existing course, had no representative to speak for it. Guest Chamely-Wiik stated that since the RI request came to her office first, she would answer any concerns about the component addition. There being no questions, the UUPC approved the addition of the RI component to the existing course.

Program Change	Mathematics Minor	24 (12-13)	Change credits and streamline program	
MAS 3156 Engineering support	Vector Calculus	3	New	
PSB 4810 RI approval	Neurobiology of Learning & Memory (Add RI to the title)	3	Add Research Intensive Component, change description	

3. Arts and Letters

History

AL Rep Thomas Stollar introduced Guest William Trapani to discuss the new concentration in History and changing the Ethnic Studies certificate to a minor. The new minor would also gain a title change to reflect the department's focus on Africana Studies. **The UUPC approved the new concentration and the change of a certificate to a minor**

Music

Guest Kevin Wilt presented a change to the number of credits for the bachelor of music education program. There was a discussion about whether the cap on the number of credits should be lowered or should courses be added to bring the total up to 134 to match what is listed for this program at the state. Guest Wilt said faculty members feel that students gain more from extra credits because that gives them a well-rounded education, plus students typically go over 120 credits. Guest Wilt also discussed the changes in two existing courses. **The UUPC approved the program change and the course changes.**

Philosophy

Guest Trapani presented a new course combining ethics and artificial intelligence. Since the content touched on several other departments – Business, Engineering and Mathematics – support letters were required and received from Business and Mathematics. Engineering, through Guest Fred Bloetscher present at the meeting, gave their support at the meeting. **The UUPC approved the new course.**

New Concentration	BA in History - Africana History Concentration		New	
Program Change	Ethnic Studies Certificate (New title: Africana and Ethnic Studies Minor)		Change title and convert the certificate to a minor	
Program Change	Bachelor of Music Education		Add credits for program to add up to 134 total credits	
MUG 4311	Instrumental Conducting 3	3 (2)	Change credits to 2	
MUL 2010	History and Appreciation of Music	3	Change description	
PHI 2681 Business support Math support (Engineering provided its support at the meeting.)	Artificial Intelligence and Ethics	3	New	

4. Business

BA Rep Ethlyn Williams presented a number of items from Business. First, the new minor in International Business. This minor will be available to non-management majors and students out-of-college. **The UUPC approved the new minor.**

Next, changes to the Health Administration minors that entail adding three elective courses to the list of existing courses, were discussed. **These changes were approved by the UUPC.**

Two new courses were presented by BA Rep Williams. **These new courses were approved by the UUPC.**

The two minors in Entrepreneurship will both undergo a similar change – replacing one course with a new course, ENT 4412. **The UUPC approved the changes.**

BA Rep Williams spoke about a change in the BBA/BS Management program. Two new courses, the two approved earlier, will be listed in the program replacing two other courses. **The UUPC approved this change.**

Last, Guest Eric Chang discussed a new program combining a BBA or BS in Economics with the MS in Economics. This new program has already been approved by the UGPC. **The UUPC gave its approval.**

New Minor	International Business		New	
Program Change	Health Administration Minors		Add three existing courses to electives	
MAN 3113	Managing Workplace Diversity	3	New	
ENT 4412	Entrepreneurial Finance	3	New	
Program Change	Entrepreneurship Minor		Replace one course with a new course	
Program Change	Entrepreneurial Management Minor		Replace one course with a new course	

<u>Program Change</u>	BBA/BS in Management		Add two new courses and remove two electives	
<u>New Combined Program</u>	BBA or BS in Economics/MS in Economics		New	

5. Engineering

EG Rep Dan Meeroff introduced Guest Hari Kalva, who began the Engineering agenda items by presenting a new degree program – a Bachelor of Arts in Computer Science (BACS). There was a question from Chair Jerry Haky who asked why this kind of program was being proposed. Dr. Kalva said that there is good interest in the industry for students with more software development. This program will fill that need. The degree offered for this program was also discussed. It will be a BACS degree. Guest Bloetscher added that FIU has the same program. **The UUPC approved the new program.**

Next, Guest Mihaela Cardei discussed a new combined BS in Mechanical Engineering to MS in Artificial Intelligence. Guest Szabo mentioned that the required leveling courses between the bachelor’s part and the master’s part of the program do not qualify for financial aid. She requested that the program details include that restriction. Dr. Cardei stated that a line would be added to the program description. After the leveling courses are completed, 30 credits are required to complete the master’s portion of the program. Guest Szabo requested the description also include that detail. **The UUPC approved the combined program pending changes requested by Guest Szabo. Post meeting these changes were provided.**

EG Rep Meeroff presented three program changes involving the same change – adding an EEE course as an alternative to an STA course. **The UUPC approved the three program changes.**

A Computer Science minor was discussed next. The proposal reduces the credits needed for the minor and adds two tracks. **This change was approved by the UUPC.**

EG Rep Meeroff then reported on the various course changes that involved changing prerequisites. **These changes were approved by the UUPC.**

A new course, COT 2004, and a course change for EEE 4541 were discussed together. **Both were approved by the UUPC.**

Last, EG Rep Meeroff addressed the new cooperative education course. This course has no credits and may be taken up to four times. **The UUPC approved the new course.**

<u>New Program</u>	BACS in Computer Science		New	
<u>New Combined Program</u>	Bachelor of Science in Mechanical Engineering/Master of Science in Artificial Intelligence		New	
<u>Program Change</u>	Bachelor of Science in Computer Engineering		Add an EEE course as an alternative	
<u>Program Change</u>	Bachelor of Science in Computer Science		Add an EEE course as an alternative	
<u>Program Change</u>	Bachelor of Science in Electrical Engineering		Add an EEE course as an alternative	
<u>Program Change</u>	Computer Science Minor	25-26 (15)	Reduce minor credits to 15; add two tracks	

CAP 4401	Digital Image Processing	3	Change prereqs.	
CAP 4770	Introduction to Data Mining and Machine Learning	3	Change prereqs.	
CAP 4773	Introduction to Data Science and Analytics	3	Change prereqs.	
CDA 4102	Structured Computer Architecture	3	Change prereqs.	
CEN 4010	Principles of Software Engineering	3	Change prereqs.	
CEN 4400	Introduction to Computer Systems Performance Evaluation	3	Change prereqs.	
COP 3540	Introduction to Database Structures	3	Change prereqs.	
COP 3813	Introduction to Internet Computing	3	Change prereqs.	
COP 4045	Python Programming	3	Change prereqs.	
COP 4331	Object-Oriented Design and Programming	3	Change prereqs.	
COP 4610	Computer Operating Systems	3	Change prereqs.	
COT 2004	Foundations of Computing	3	New	
EEE 4541	Stochastic Processes and Random Signals	3	Change prereqs.	
EGN 3945	Cooperative Education in Engineering	0	New	

5. Honors College

HC Rep James Wetterer addressed the program changes and course terminations first. He explained that replacing a separate Honors Thesis course for each of fourteen concentrations with the same Honors Thesis course – IDS 4970 with a new title of “RI: Honors Thesis” – removes confusion and enhances clarity for students. **The UUPC approved the fourteen concentration changes and approved the connected fourteen course terminations.**

Next, HC Rep Wetterer discussed the proposed removal of the Writing Across Curriculum (WAC) designation from an ANT course. This request was supported by Dr. Jeff Galin, WAC Director. **The UUPC approved the WAC removal.**

One HC course has a title change. **That change was approved by the UUPC.**

Last, HC Rep Wetterer presented two new combined programs between the Honors College and the College of Engineering and Computer Science. Both give students an opportunity to receive a BA or BS in Biological and Physical Science at the Honors College, then move on to a master’s degree in either Mechanical or Ocean Engineering. The two new combined programs were previously approved by the UGPC. **The two new combined programs were also approved by the UUPC.**

Program Change	American Studies Concentration		Main change is to replace existing honors thesis course with IDS 4970	
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Program Change	Art Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Biological Chemistry Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Biology Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Economics Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Environmental Studies Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	History Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Latin American Studies Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Marine Biology Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Neuroscience Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Physics Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Political Science Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Spanish Concentration		Main change is to replace existing honors thesis course with IDS 4970	
Program Change	Women's Studies Concentration		Main change is to replace existing honors thesis course with IDS 4970	
AMH 4970	RI: Honors Thesis in American History	1-5	Terminate	
AMS 4970	RI: Honors Thesis in American Studies	1-5	Terminate	
ART 4970C	RI: Honors Thesis in Art	1-6	Terminate	
BSC 4970	RI: Honors Thesis in Biology	3	Terminate	
CHM 4970	RI: Honors Thesis in Chemistry	3	Terminate	
ECO 4970	RI: Honors Thesis in Economics	1-6	Terminate	
EVR 4970	RI: Honors Thesis in Environmental Studies	1-6	Terminate	
HIS 4971	RI: Honors Thesis in History	1-5	Terminate	

LAS 4970	RI: Honors Thesis in Latin American Studies	1-10	Terminate	
PHY 4970	RI: Honors Thesis in Physics	1-6	Terminate	
POS 4970	RI: Honors Thesis in Political Science	1-6	Terminate	
PSY 4971	RI: Honors Thesis in Psychology	1-6	Terminate	
SPW 4970	RI: Honors Thesis in Spanish	1-6	Terminate	
WST 4970	RI: Honors Thesis in Women's Studies	1-6	Terminate	
UHC approval for all program and course changes above				
ANT 2240	Honors Magic, Witchcraft and Religion	3	Remove Writing Across Curriculum Component	
EUH 3576	Honors Russian History 2 (New title: Honors The Soviet Union and Since)	3	Change title	
New Combined Program UHC approval	BA or BS in Biological and Physical Science/MS in Mechanical Engineering		New	
New Combined Program UHC approval	BA or BS in Biological and Physical Science/MS in Ocean Engineering		New	

6. Nursing

NU Rep Katherine Chadwell presented an expansion to a Nursing course by adding the Academic Service Learning (ASL) component. **The UUPC approved this addition.**

NUR 4829L ASL approval	Nursing Practice Immersion	4	Add Academic Service Learning Component	
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7. Education, Social Work and Criminal Justice, and the Library had no reports.

IV. NEXT MEETING/ADJOURNMENT

1. The next UUPC meeting is April 26, 2021, 10 a.m. to noon, via Webex.
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 12:04 p.m.