

Report of the Undergraduate Studies Committee 2.27.18

All actions reported are from the 2.27.18 UGSC meeting. New degree proposals were introduced but no actions were taken at the 2.13.18 meeting.

The following proposed change to policy on double-counting of undergraduate core courses was approved unanimously and is forwarded to the University Faculty Council for consideration:

Change the existing double-counting policy for Core Curriculum courses from the current “Students who take the standard core curriculum’s distribution of courses may apply them toward the requirements of any standing minor” to instead read: “Students may apply course work from the Core Curriculum’s Human Sciences and/or STEM modules toward the non-core requirements of any standing minor, second major, or the second degree of a dual-degree program. This allowance does not override the distribution requirements of either core module for a student’s first major or first degree program.”

At the request of the submitting department, the committee voted unanimously to table discussion and the vote until the next meeting on the proposed *Bachelor of Science in Science, Technology and Society*, an interdisciplinary degree presented by Social Science.

The following new degree proposal was defeated by a vote of six to three:

Dual Degree in Biochemistry and Psychological Science

[N. Menhart – Biology and J. Miller – Psychology] The proposal is available at:

http://www.iit.edu/~ugsc/documents/Bchm-Psyc_Dual_Degree_Program_to_UGSC_v1.0.pdf

The following new degree proposals were approved unanimously and are forwarded to the University Faculty Council for approval:

Bachelor of Science in Computer and Cybersecurity Engineering

[E. Oruklu – Electrical and Computer Engineering]

The proposal is available at [http://www.iit.edu/~ugsc/documents/Proposal - BS in Computer and Cybersecurity Engineering 2-8-18.pdf](http://www.iit.edu/~ugsc/documents/Proposal_BS_in_Computer_and_Cybersecurity_Engineering_2-8-18.pdf)

Bachelor of Science in Statistics

[L. Kang, M. Pelsmajer, and R. Ellis – Applied Mathematics] The proposal is available at

http://www.iit.edu/~ugsc/documents/BS-Statistics-UG-Program_Proposal.pdf

The following co-terminal degree proposals were approved unanimously and are forwarded to the University Faculty Council:

Armour College of Engineering undergraduate engineering/interdisciplinary graduate degrees co-terminal programs [B. Haferkamp – Armour College] Proposals are available at

[http://www.iit.edu/~ugsc/documents/ArmourCo-terminalProposals\(pdf\).zip](http://www.iit.edu/~ugsc/documents/ArmourCo-terminalProposals(pdf).zip)

(PDF 3.8MB)

or [http://www.iit.edu/~ugsc/documents/ArmourCo-terminalProposals\(Word\).zip](http://www.iit.edu/~ugsc/documents/ArmourCo-terminalProposals(Word).zip)

(MS Word 737KB) with an additional document at

[http://www.iit.edu/~ugsc/documents/ArmourCo-terminalsUG-MEngMapping2-8-](http://www.iit.edu/~ugsc/documents/ArmourCo-terminalsUG-MEngMapping2-8-2018.xlsx)

[2018.xlsx](http://www.iit.edu/~ugsc/documents/ArmourCo-terminalsUG-MEngMapping2-8-2018.xlsx). The UGSC normally does not post documents in any format other than PDF but given the size of the resulting zip file, they are posted here in MS Word format as well. A full list of these co-terminal programs appears at the end of this document.

The following items were presented or discussed and are forwarded to the University Faculty Council for consideration as information items:

New Degree Specialization: Computer Science Honors Research

[M. Bauer – Computer Science] Documentation is available at

<http://www.iit.edu/~ugsc/documents/Computer%20Science%20Honors%20Research%20Specialization.pdf>

Minor Curriculum changes: Bachelor of Information Technology and Management courses [J. Hajek – ITM] Documentation is available at

http://www.iit.edu/~ugsc/documents/ITM_Information_Items_Jan_2018.pdf

Minor Curriculum change: Bachelor of Architecture Site Planning course

[C. Torres – Architecture] Documentation is available at

<http://www.iit.edu/~ugsc/documents/Bach.%20of%20Architecture%20Site%20Planning%20Course.pdf>

New Minor: Statistics [L. Kang, M. Pelsmajer, and R. Ellis – Applied Mathematics]

Documentation is available at <http://www.iit.edu/~ugsc/documents/StatisticsMinor-AMAT-2-12-18.pdf>

Discussion: Clarification of language on the web page covering English language requirements for admission. Greg Pulliam presented a revision to language on

<https://admissions.iit.edu/undergraduate/apply/international-student-english-proficiency-requirement> describing the process for evaluation of students who fail to

meet minimum English proficiency requirements. The committee voted to endorse the clarified language as posted.

Discussion: Apparent need to require more detailed justification of change of grade for reason “Other” [C. White via R. Trygstad – Chair]

Consensus of the Committee was that the comment space for “other” should be enlarged and if possible, a provision for uploading documents in support should be provided.

Here is the full list of Armour College of Engineering undergraduate engineering/interdisciplinary graduate degrees co-terminal programs as noted above:

- B.S. Aerospace Engineering / Master of Engineering in Advanced Manufacturing, all tracks
- B.S. Aerospace Engineering / Master of Computational Engineering, Computational Mechanics Specialization
- B.S. Aerospace Engineering / Master of Engineering in Energy Systems, tracks 1-2
- B.S. Aerospace Engineering / Master of Engineering Management, all tracks
- B.S. Architectural Engineering / Master of Engineering in Urban Systems, all tracks
- B.S. Architectural Engineering / Master of Engineering in Energy Systems
- B.S. Biomedical Engineering / Master of Computational Engineering, all tracks
- B.S. Biomedical Engineering / Master of Engineering Management, all tracks
- B.S. Biomedical Engineering / Master of Pharmaceutical Engineering
- B.S. Civil Engineering / Master of Engineering in Energy Systems, Building track
- B.S. Civil Engineering / Master of Engineering in Urban Systems, all tracks
- B.S. Chemical Engineering / Master of Biomedical Engineering
- B.S. Chemical Engineering / Master of Computational Engineering, Computational Chemical Engineering track
- B.S. Chemical Engineering / Master of Engineering Management, all tracks
- B.S. Chemical Engineering / Master of Pharmaceutical Engineering
- B.S. Computer Engineering / Master of Engineering in Advanced Manufacturing, all tracks
- B.S. Computer Engineering / Master of Computational Engineering, all tracks

B.S. Electrical Engineering / Master of Engineering in Advanced Manufacturing, all tracks
B.S. Electrical Engineering / Master of Computational Engineering, all tracks
B.S. Electrical Engineering / Master of Engineering in Energy Systems, all tracks
B.S. Engineering Management / Master of Engineering in Energy Systems, Building track
B.S. Engineering Management / Master of Engineering in Urban Systems, all tracks
B.S. Mechanical Engineering / Master of Engineering in Advanced Manufacturing, all tracks
B.S. Mechanical Engineering / Master of Computational Engineering, Computational Mechanics track
B.S. Mechanical Engineering / Master of Engineering in Energy Systems, tracks 1-2
B.S. Mechanical Engineering / Master of Engineering Management, all tracks
B.S. Materials Engineering / Master of Engineering in Advanced Manufacturing, all tracks
B.S. Materials Engineering / Master of Computational Engineering, Computational Mechanics
Specialization
B.S. Materials Engineering / Master of Engineering Management, all tracks

Full minutes of all UGSC meetings are available at <http://www.iit.edu/~ugsc/>