

FACULTY SENATE MEETING AGENDA
January 12, 2021, 2:00 – 4:00 pm, via Zoom

<u>Time</u>	<u>Item</u>	<u>Presenter</u>
2:00-2:05 pm	Welcome	Andy Herring
2:05-2:15 pm	Provost / Academic Affairs Update	Rick Holz
2:15-2:25 pm	Registrar Update	Paul Myskiw
2:25-2:30 pm	Approval of Minutes – December 8, 2020	Andy Herring
2:30-3:00 pm	Need for MOU on Interdisciplinary programs	Andy Herring
3:00-3:20 pm	Committee Updates	Alina Handorean
3:20-3:40 pm	Undergraduate Council Updates <i>Undergraduate courses (new and changed) that have been approved in 2020 are listed at the end of this agenda, these are informational items.</i>	Jeff King

Up for Senate Vote:

1.1	INTERDISCIPLINARY [status: CIM 10/22; Provost: 10/23; UGC: 12/9] 1 new program BS in Quantitative Biosciences and Engineering (need to assign program & CIM codes) <i>As the traditional divisions between academic disciplines continue to blur, there is a need at Mines to offer students with the skills and education to address the next generation of challenges the world will encounter in treatment and healing of the environment, new energy, and in healthcare. This multi and interdisciplinary undergraduate program will give the students the skillset to tackle these challenges from every direction and opening more employment opportunities. This will be a residential program.</i>	Brian Trewyn
3:40-3:55 pm	Graduate Council Updates	Neal Sullivan

Up for Senate Vote:

2.1	CHEMICAL and BIOLOGICAL ENGINEERING [status: CIM 11/12] 1 program change: MSPHD-CBE: MS & PhD – Chemical and Biological Engineering <i>As the size of the MS program increases and educational (undergraduate) backgrounds grow more diverse, this will provide options for the MS core separate from the PhD requirements. Additional options have been added to the core course requirements for the MS degree.</i>	David Marr
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2.2 **HUMANITIES, ARTS, and SOCIAL SCIENCES**

Elizabeth Davis

[status: CIM 11/30; GC: 1/6]

1 program change: CERT-NREP: CERT – Natural Resources and Energy Policy

Changes to program requirements such as reducing 12 credit-hours to 9, requirements of 4 of 5 required courses has been changed to 2 of 5, as well as requirement of an additional elective approved by the NREP director.

1 program change: MS-NREP: Natural Resources and Energy Policy

Changes made to the course requirements: addition and removal of courses. Minor changes were made to reflect the small influx and outflow of courses.

2.4 Graduate Council Subcommittees:

- *Advisor / Advisee Procedures and Expectations*
- *Stipends for Graduate Students*
- *Interdisciplinary Graduate Programs*

3:55-4:00 pm **New Business / Adjourn**

Andy Herring

New Courses Approved by Undergraduate Council in 2020

HASS466: Science, Technology, and Confucian Ethics
EBGN230: Introduction to Business
EBGN435: Economics and Water Resources
EBGN453: Project Management
SCED262: K-12 Field Experience and Building Student Relationships
MAED262: K-12 Field Experience and Building Student Relationships
HASS422: Art and Environmentalism
HASS227: Beginning Orchestral Strings and Fundamentals of Music
HASS372: History of Medicine
HASS463: History of Epidemics
MEGN413: Aerospace Structures
HASS468: Environmental Justice
MEGN417: Vehicle Dynamics and Powertrain Systems
CSCI478: Introduction to Bioinformatics

Course Changes Approved by Undergraduate Council in 2020

GEGN473: Geological Engineering Site Investigation
EDNS491: Senior Design I
CSCI470: Introduction to Machine Learning
CSCI303: Introduction to Data Science
MEGN391: Automotive Design – SAE Collegiate Design Series (Formula SAE)
MEGN408: Introduction to Space Exploration