

FACULTY SENATE MEETING AGENDA  
 April 26, 2:00 – 4:00 pm, in Brown 206 and Zoom

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<u>Time</u>	<u>Item</u>	<u>Presenter</u>
2:00-2:05 pm	<b>Welcome</b>	Sebnem Duzgun
2:05-2:15 pm	<b>Academic Affairs</b>	Rick Holz
2:15-2:25 pm	<b>Registrar’s Office</b> <i>Add Date Recommendation</i>	Paul Myskiw
2:25-2:35 pm	<b>Procedures Committee Update</b>	John McCray
2:35-3:30 pm	<b>Committee Updates</b> <i>Core Curriculum</i>  <i>Taskforce on Instruction Effectiveness</i>	Vibhuti Dave Joe Horan Megan Sanders Justin Shaffer
3:30-3:35 pm	<b>May Graduation List Vote</b>	Sebnem Duzgun
3:35-3:40 pm	<b>Undergraduate Council</b>	Jeff King

**Program for Vote** – Presented to Faculty Senate on 3/8/22 and 4/12/22

- 1.1 **CIVIL & ENVIRONMENTAL ENGINEERING**  
 [CIM 2/16; Provost 2/16; UGC 4/13]  
**1 new program:** BS-CONSTR: Bachelor of Science in Construction Engineering
  
- 1.2 **COMPUTER SCIENCE**  
 [CIM 1/26; UGC 3/9]  
**5 program changes:** BS-CS: BS in Computer Science  
 MIN-COMPE: Minor in Computer Engineering  
 MIN-DSCI: Minor in Data Science  
 MIN-RIS: Minor in Robotics and Intelligent Systems  
 MINASI-CS: Minor/ASI in Computer Science  
*Updating courses to align with creation of new course sequence of CSCI 200 -> CSCI 220 in place of CSCI 261 -> CSCI 262.*
  
- 1.3 **ENGINEERING, DESIGN, AND SOCIETY**  
 [CIM 1/24; UGC 3/9]  
**3 program changes:** BS-EGN: BS in Engineering  
*The Bachelor of Science in Engineering Program supports students with a disciplinary background in Design Engineering through multi-disciplinary educational opportunities.*

*Students within the program are required to take design courses every semester through the EDS department. Engineering Fundamentals courses together with more specific Engineering Elective courses deepen technical knowledge for the students. Focus Area electives provide an opportunity for the students to advance their knowledge in fields/areas of which they are most passionate. The focus on design engineering and the multi-disciplinary technical background of the students supports the Mines@150 mission through hands-on, active learning, engineering design, and multi-disciplinary teamwork.*

MIN-ECD: Minor in Engineering for Community Development

MIN-LSR: Minor in Leadership in Social Responsibility

*To facilitate pathway to graduation, use existing faculty courses more effectively, and maintain the two distinctive flavors of our minors, we proposed an updated structure to the two minors (see CIM page/agenda item).*

#### 1.4 HUMANITIES, ARTS, AND SOCIAL SCIENCE

[CIM 1/24; UGC 3/9]

**1 program change:** MIN-CCC: Minor in Culture, Creativity, and Communication  
*Course numbers have changed—they have been updated in the course lists for HASS303 (changed from HASS201 Spring2022), HASS 302 (changed from HASS300 Spring 2022).*

3:40-3:55 pm Graduate Council

Tina Voelker

Approved new courses and course changes listed at the end of this agenda.

#### Programs for Presentation –

##### 2.1 UNIVERSITY HONORS AND SCHOLARS PROGRAM

[CIM 4/8]

**1 new program:** MSNT-TEACH: Teach@Mines

##### 2.2 PHYSICS

[CIM 4/1; GC 4/20]

**1 program change:** CRTG-OPTICS: Optics for Engineering

*Request made to consolidate tracks into one path. Had been approved by GC and FS with two (2) tracks, was approved by BoT with one (1) track.*

##### 2.2 MINING ENGINEERING

[CIM 4/8; GC 4/20 (Consent Agenda)]

**2 program changes:** MSPHD-ERDE: MS & PhD Program in Earth Resources  
Development Engineering  
MSPHD-MNEG: MS & PhD Program in Mining Engineering

*Request to add MNGN625 as a required course for MS/PhD in Mining Engineering and Earth Resource Development Engineering (ERDE).*

##### 2.3 OPERATIONS RESEARCH WITH ENGINEERING

[CIM 3/1; GC 4/20]

**1 program change:** MSPHD-ORWE: Operations Research with Engineering

*Routine changes based on Catalog updates from MATH and EBGN (from core courses: removal of MATH531, addition of MATH424).*

**Programs for Vote** – Presented to Faculty Senate on 4/12/22

2.4 **ECONOMICS AND BUSINESS**

[CIM 2/17; GC 4/6]

**1 program change:** MSPHD-ECO: MS & PhD – Mineral & Energy Economics  
*Adding language to the program to encourage applicants to the Mineral and Energy Economics (MEE) program by facilitating applications from Western Colorado University's Bachelors of Energy Management program. The program will allow these students to complete the non-thesis Masters in MEE in one year by setting specific course requirements at Western Colorado University.*

2.5 **MECHANICAL ENGINEERING**

[CIM 2/16; GC 4/6]

**1 program change:** MSPHD-MECH: MS & PhD – Mechanical Engineering  
*Adding Online Modality to support an Online Mechanical Engineering Masters Non-Thesis degree. Actual start date would be Spring 2023, but not available as an option for the drop-down menu.*

3:55-4:00 pm **Executive Session**

*Mines Online Resolution*

Sebnem Duzgun

Next meeting: May 10, 2:00-4:00 pm in McNeil 213 and Zoom.

**Graduate Council Approved Course Changes**

MNGN504: Underground Construction Engineering in Hard Rock – *Update to prerequisites and co-requisites (removal of CEEN513) add "MNGN321 or CEEN312", addition of GEGN462 for co-requisites. Added online modality.*

**Graduate Council Approved New Courses**

MNGN582: Fundamentals in Tailings Engineering II