Welcome

Briefings and Information Items
Office of Graduate Studies
No updates from OGS.

Registrar’s Office
Registration for Spring 2023 begins 11/14. The class schedule for Spring 2023 will be available for viewing 10/24.

Graduate Student Government
GSG preparing for a joint meeting with USG on fees for the next year; increase is proposed due to high inflation.

- **Question** if it is possible to know the percent increase in fees; Witteman noted the highest increase was for health services at 9.1%.

GSG undergoing discussion on a survey or feedback form for students with an advisor or participating in research. General idea to have surveys for professors; concern raised due to graduate students receiving unsatisfactory grades and being surprised by these grades. Process may improve communication between advisors and graduate students.

Items for Council Vote – from 9/8/22 and 9/21/22

1.1 **MINING ENGINEERING**
[CIM 8/24, Provost 8/24]
6 new courses:

**MNGN581A:** FUNDAMENTALS OF TAILINGS ENGINEERING I: INTRODUCTION
**MNGN581B:** FUNDAMENTALS OF TAILINGS ENGINEERING I: TSF
Registrar, Mines Online, and Nelson rescheduled meeting and discussion of courses for 10/20. Council asked to hold off on voting until discussion had continued. Three different versions had been proposed for the courses; parties to discuss constraints.

1.2 MINING ENGINEERING Şebnem Düzgün

2 new courses: MNGN502: GEOSPATIAL BIG DATA ANALYTICS MNGN566: INNOVATE X

Council had discussed varying possibilities for the MNGN566 course. Council noted these discussions on cross-listing should not affect the single course being presented and could be an item for broader Council discussion. Myskiw noted that departments should be aware of the cross-listing and instructor workload.

- **Question** on who the relevant parties are for assessing workload; Myskiw reported Institutional Research tallies faculty workload, Registrar’s Office tasked with running queries at the beginning of each semester to assure totals equal one hundred percent—RO then reach out to departments for adjustments, if needed.

**MOTION:** To approve the two (2) new courses in Mining Engineering MNGN502 and MNGN566 by Rostami, seconded by Morrison. 15 for, 1 abstention.

1.3 ECONOMICS AND BUSINESS Michael Heeley

2 course changes: EBN578: BUSINESS OPERATIONS AND SUPPLY CHAIN MANAGEMENT

We have changed the supply chain course (EBGN559) to just focusing on supply analytics and wanted to include the management side of supply chain in the business operations class.

EBGN566: TECHNOLOGY ENTREPRENEURSHIP

Updating the course description in the course catalog to more accurately reflect what is currently being taught.

**MOTION:** To approve two (2) course changes in Economic and Business to EBN578 and EBN566 by Heeley, seconded by Morrison. Motion passed unanimously.

New Business
Voelker had met with Barbari following the 10/5 graduate stipends discussion. Note had been made that there may not be an issue with Equal Pay for Equal Work but rather federal contractors that regularly audit. Voelker, Barbari, and Eagan to discuss further.

- **Question** why the graduate stipend does not fall under Equal Pay for Equal Work; graduate students are not considered employees and are not subject to that Act. Councilor noted that there may be ambiguity across positions.

Voelker reported some departments paying 0.5 FTE stipend in Fall and Spring; RAs working during the Summer may receive 1.0 FTE. Related discussion on how TA money flows into the departments and increasing the institutional minimum stipend to keep up with cost of living increases.

Voelker presented suggestion from OGS on graduate stipend increases for the next three years with the cost of living argument; Voelker made note this is presented as a suggestion to find what is palatable for faculty with grants and various factors. Finance to begin discussion with AA regarding TAs; TA increase may be feasible, RA increase required further discussion.

Suggested increase would be $3,000 a year. FY22 is currently $26,000. FY23 is currently $27,000. The previous stipend increase of 3% had been halted due to the COVID-19 pandemic and its affect on the institution’s financial standing.

Consumer Price Index (CPI) has continued to increase with rent in some Denver suburbs having increased as much as 25% as of March 2020. Councilor suggested increase of graduate stipends begin as early as Spring 2023 to account for inflation and overall CPI increase.

- **Question** on where the money for the increase would come from and if it would involve faculty asking for grant increases; an increase in TA money would come from AA and RA increases would come from grants.

There has been discussion in OGS on changing the graduate tuition pricing structure.

- **Question** on how department budgets could assist in this effort; suggestion made for flex spending in the short term for RA stipends, Councilor noted that departments with a large number of PhD students would be directly impacted by a graduate stipend increase.

Councilor noted that some fellowships and grants have been increasing for the 2022-2023 academic year and beyond.

2.1 **ECONOMICS AND BUSINESS**

Michael Heeley

| [CIM 10/4] |

**1 program deactivation:** CR-ENTR: Graduate Certificate in Entrepreneurship

The program had not been offered and courses were not developed. The program was supposed to be online.
MOTION: To approve program deactivation in Economics and Business of CR-ENTR: Graduate Certificate in Entrepreneurship by Morrison, seconded by Heeley. Motion passed unanimously.

2.2 NUCLEAR ENGINEERING
[10/4; Provost 10/4]

1 new course: NUGN570: MATHEMATICAL METHODS IN NUCLEAR SCIENCE AND ENGINEERING

The new course will expand and diversify Nuclear Science & Engineering program offerings through this additional elective option. Also, this course will open up a pathway for access to Nuclear Engineering degrees for senior level undergraduates lacking requisite mathematics and programming credits.

NUGN570 has been taught as a special topics course. The course would not be required.

- Question if all students would learn all deficiencies; clarification needed from the instructor on course outlook and who decides if a student needs to take it.

Continuing Business – from 9/7/22

3.1 MECHANICAL ENGINEERING
[10/1; Provost 10/3]

1 new course: AMFG591: ECONOMIC CONSIDERATIONS FOR ADDITIVE MANUFACTURING

AMFG591 has been taught twice and had advertising issues. Course will be addressing a hole in additive manufacturing regarding economic costs of techniques.

3.2 ENGINEERING, DESIGN, AND SOCIETY
[9/27; Provost 9/27]

1 new course: EDNS544: INNOVATE X

MOTION: To approve new course in Engineering, Design, and Society EDNS544 by Lucena, seconded by Heeley. Motion passed unanimously.

3.3 GEOPHYSICS
[9/29; Provost 9/29]

1 new course: SYGN505: WELLNESS PRACTICES FOR GRADUATE STUDENTS

Adjourn
Meeting adjourned: 4:48 pm.
Next meeting: October 19, 4:00-5:00 pm via Zoom. Please send all agenda items to Mara Green (mgreen1@mines.edu) 1 week in advance.
**Consent Agenda** The following proposals will not be discussed unless specifically requested by Council. Please review the following items. With no objections, approval is implied and items will be processed accordingly.

4.1 **Approval of Minutes** – October 5, 2022

4.2 **ECONOMICS AND BUSINESS**

[CIM 10/4]

2 program changes:
- CR-BUSANLY: Graduate Certificate in Business Analytics
- CR-PRODMGMT: Graduate Certificate in Product Management

*Modifying the certificate to requiring one core class and choose two from three elective classes. This will increase the ability of students to complete the certificate.*

4.2.1 [CIM 10/17]

1 course deactivation:
- EBGN573: ENTREPRENEURIAL FINANCE

*This course has not been offered in over ten years and is not part of any of our degree programs anymore.*