

# Graduate Council Meeting Agenda

Wednesday, October 07, 2020, Noon to 1:00 PM

Zoom: <https://umsystem.zoom.us/j/99428664036?pwd=ME1LZE51bXh4K1RIRHdYU3psOEIyUT09>

Meeting ID: 994 2866 4036 / Password: 898060

1. Roll Call
2. Approval of Minutes from September 02, 2020 Meeting
3. Appointment of Ad Hoc Committee to Discuss New/Revised Forms for Graduate Students to Reflect Changes in the FS20 Graduate Catalog
  - Engineering Representation: Michael Moats (Declined – Need Replacement)
  - Science Representation: Gayla Olbricht
  - Arts, Humanities & Social Sciences Representation: Audra Merfeld-Langston
  - Business Related Representation: Vincent Yu
4. Presentation from Sara Fayek, Council of Graduate Students President – Main Issues Affecting Graduate Student Support
  - Delays in Stipend Payments
  - Graduate Student Appointments
  - Suggestion for Creating a Graduate Student Bill of Rights
5. Amend FS20 Graduate Catalog by Returning Option for Second/Subsequent Master's Degree with Credit Hour Reduction (S. Corns) – See Attached Proposal
6. Amend FS20 Graduate Catalog by Adjusting Coursework and Research Requirements for Doctoral Students without a Master's (M. Moats) – See Attached Proposal
7. Submit Nominations/Self-Nominations for 2020-21 End of Year Awards Committee to Kathy Wagner ([wagnerkc@mst.edu](mailto:wagnerkc@mst.edu)) by October 16, 2020. Vote will occur at the November Graduate Council Meeting.
  - Five members
    - Four must be members of Graduate Faculty (Self Nominations: Dr. V.P. Reddy, Dr. G. Olbricht)
    - One must be a staff member working with a graduate program/office
8. New Business

\*Suggested to insert just before “Master of Science Degree with Thesis” section.

### **Earning a Second/Subsequent Master’s Degree**

A student who has earned a master’s degree at Missouri S&T or elsewhere in one major shall be eligible to earn a second/subsequent master’s degree in another area upon satisfactory completion of a minimum of twenty-four additional hours of graduate credit (thesis or non-thesis). The plan of study (Form 1/1-A) must include a minimum of eighteen credit hours of 4000-, 5000-, and 6000-level lecture courses (1000/2000-level courses cannot be included). A minimum of nine credit hours of the required coursework must come from the group of 6000-level lecture courses. Additionally, for a second/subsequent master’s degree with a thesis, a minimum of six credit hours of graduate research is required.



# Materials Science and Engineering

**To: Graduate Faculty Council**  
**From: Michael S. Moats, MSE Representative**  
**Date: September 23, 2020**  
**Subject: Proposed Change to Direct PhD Course Requirements**

The current Missouri S&T graduate catalog for M.S. and Ph.D requirements are listed below.

<http://catalog.mst.edu/graduate/admissionsandacademicprogramprocedures/mastersdegrees/>

The master of science degree with thesis requires a minimum of thirty hours of graduate credit. The plan of study (Form 1/1-A) must include a **minimum of eighteen credit hours of 4000-, 5000-, and 6000-level lecture courses** (1000/2000-level courses cannot be included). **A minimum of six credit hours of the required coursework must come from the group of 6000-level lecture courses**. Additionally, **a minimum of six credit hours of graduate research is required**. If a student has co-advisors in different departments, the student's graduate research credit may be shared by all departments involved.

<http://catalog.mst.edu/graduate/admissionsandacademicprogramprocedures/doctoratedegrees/>

Students who hold a master's degree will be required to complete a minimum of forty-two hours of graduate credit. The plan of study (Form 5/5-A) must include a minimum of twelve credit hours of 4000-, 5000-, and 6000-level lecture courses (1000/2000-level courses cannot be included). It is recommended that nine credit hours of the required coursework come from the group of 6000-level lecture courses. Additionally, a minimum of twenty-four credit hours of graduate research is required. A Ph.D. student who holds a master's degree will receive a block of thirty credit hours that can be included on the Form 5/5-A, which will count toward the total seventy-two-hour program requirement.

Students who do not hold a master's degree will be required to complete a minimum of seventy-two hours of graduate credit. The plan of study (Form 5/5-A) must include a minimum of thirty-six credit hours of 4000-, 5000-, and 6000-level lecture courses (1000/2000-level courses cannot be included). It is recommended that fifteen credit hours of the required coursework come from the group of 6000-level lecture courses. Additionally, a minimum of twenty-four credit hours of graduate research is required.

Credit from only one master's degree may be included on the doctoral plan of study (Form 5/5-A).

Table 1 summarizes the current graduate degree requirements. From a consistency standpoint, the direct PhD requirements should be the sum of the requirement hours for PhD from MS + MS requirements in terms of lecture hours and research hours. Table 2 reflects this approach and is my recommendation for change.

**Table 1. Current minimum graduate degree requirements at Missouri S&T**

Degree	Transfer Hours from MS	Minimum All Lecture Hours	Minimum 6000 Level Lecture Hours	Minimum Research Hours	Minimum Total Hours
MS		18	6 (must)	6	30
PhD from MS	30	12	9 (recommended)	24	72
Direct PhD		36	15 (recommended)	24	72



**Table 2. Proposed changes to minimum graduate degree requirements at Missouri S&T**

Degree	Transfer Hours from MS	Minimum All Lecture Hours	Minimum 6000 Level Lecture Hours	Minimum Research Hours	Minimum Total Hours
MS		18	6 (must)	6	30
PhD from MS	30	12	9 (recommended)	24	72
Direct PhD		<b>30</b>	15 (recommended)	<b>30</b>	72

If approved the proposed wording change (highlighted in bold) to the graduate catalog would be:

Students who do not hold a master's degree will be required to complete a minimum of seventy-two hours of graduate credit. The plan of study (Form 5/5-A) must include a minimum of **thirty** credit hours of 4000-, 5000-, and 6000-level lecture courses (1000/2000-level courses cannot be included). It is recommended that fifteen credit hours of the required coursework come from the group of 6000-level lecture courses. Additionally, a minimum of **thirty** credit hours of graduate research is required.

