

# Graduate School Update

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**Michigan Tech<sup>®</sup>**

# Thank you for your initiative: Senate proposal 4-19 “Expanded Endowment for Graduate support”





# Michigan Tech Milestone



**Celebrating 10,000  
Graduate Degrees**

**First Graduate Degree (MS) in 1927**



# Student Success - new initiatives and changes

- Graduate Student Handbook – with milestones and timelines
- Student transportation around campus and West Houghton shopping district
- New orientation session – City , Michigan Tech, Transportation, Career Center, Public Safety, Title IX
  
- Student mentoring – Individual Development Plan (IDP) – Bio; SFRES; KIP; MEEM; Biomed
- Professional development activities – collaboration with GSG to develop and deliver programming
  
- Changes to thesis/dissertation submission



# Professional development workshops (GSG and Graduate School)



## Professional Development Workshops for Graduate Students and Postdoctoral Fellows

Hosted by: Graduate Student Government  
and the Graduate School

### Fall 2018

**Publishing Your Research**  
September 12, 2018

**Managing the Job Search  
as an International Student**  
September 26, 2018

**Enhance and Broaden Your  
Communication & Interview Skills**  
October 17, 2018

**Effective Negotiation Strategies**  
January 30, 2019

**Exploring Your Career Pathways  
and Options  
&  
Managing the Job Search as an  
International Student**  
April 10, 2019

*This series is open to graduate students and  
postdoctoral fellows.*

*All workshops will be held from 3:00 pm to 5:00 pm  
in 404 Administration Building.*

### Spring 2019

*Space is limited so please be sure to register!*

*Questions? Contact us at [gsg@mtu.edu](mailto:gsg@mtu.edu).*



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Michigan Technological University  
Graduate School



# Dissertation/thesis/report submission update

- Responding to feedback to the format review and submission process from students and faculty
- Provide more help to students
- To set deadlines for dissertation/thesis submission later in the semester

## New steps implemented:

- Seminar on formatting at the beginning of each semester (please encourage students to attend)
- Provide templates (Word and LaTeX) for the entire thesis
- Workshops where students can work one-on-one with trained staff
- Provide software (Adobe Acrobat) and guidance on how to check and correct the document before submission (format, page numbers, margins, figure placement, copyright material)





# 1) Deadlines to graduate in semester extended (13<sup>th</sup> week to 14<sup>th</sup> week)

## 2) Fee charges reduced

	Mon	Tues	Wed	Th	Fri
Week 13	Deadline for post-defense docs				
Week 14	Deadline for submitting post-defense docs to graduate this semester	Grace period for post-defense docs Graduate next semester; Register for UN5951; Resubmission fee, 25% 1 cr tuition)			
Finals week		Deadline for receiving review from the Graduate School			Deadline for submitting compliant documents
Break week(s)			Grace period ends		
Classes start Week 1		28 November 2018			7

# Graduate School Emergency Fund Program

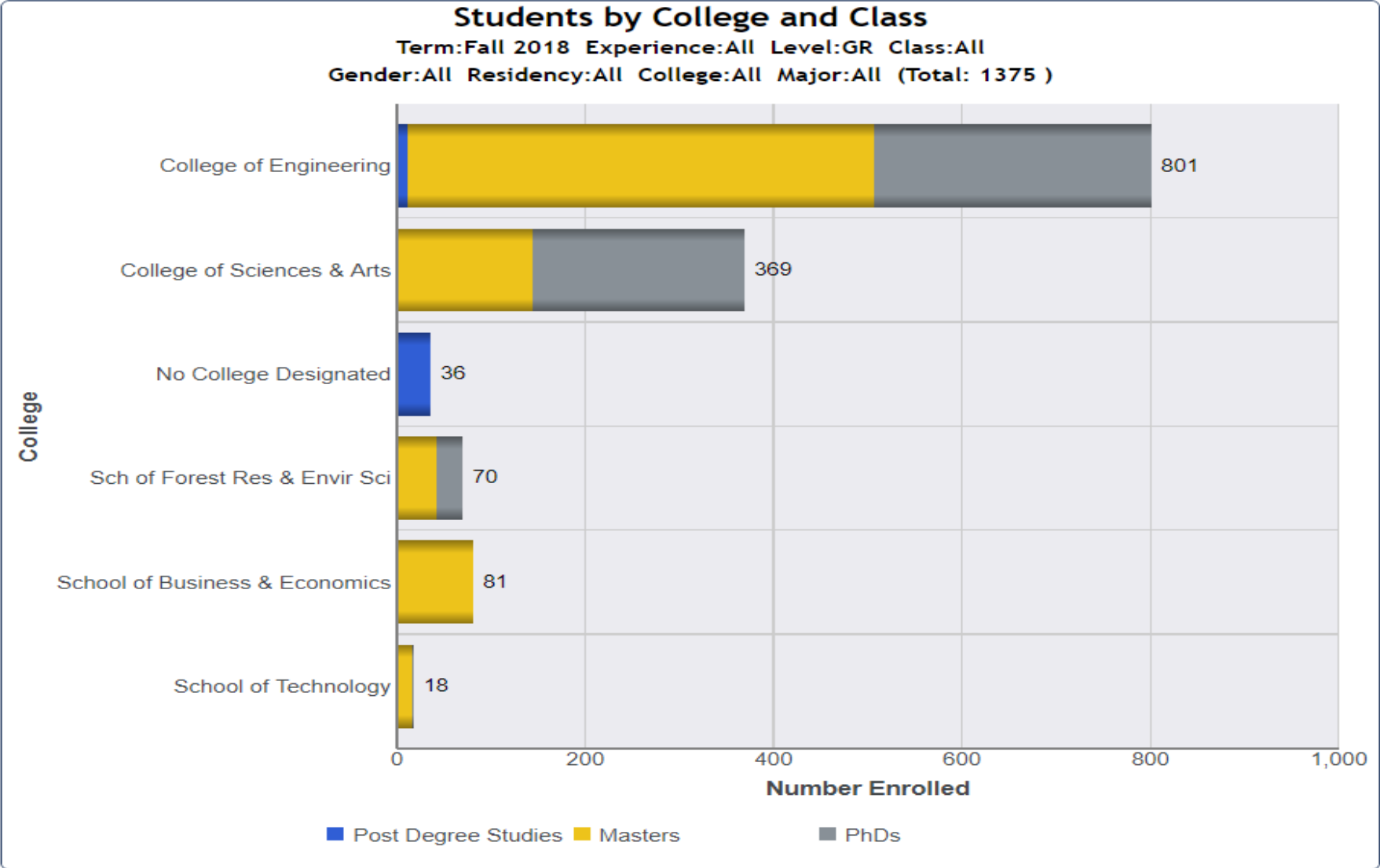
- Graduate students with unexpected financial emergencies
- Established and funded by Alumni Board of Directors, Graduate Student Government (GSG) and Graduate School
- Short-term, interest-free, loans (\$250-\$1,000)
- Qualifying reasons: family reasons, health reasons, accidents, emergency travel, academic reasons
- Committee reviews requests from students
- Since Feb 2018
  - 14 applications funded
  - \$12,500 given in loans to graduate students

**Actively fundraising!**





# Graduate Enrollment



# Summary

<b>Graduate Enrollment (total):</b>	<b>1375 (1402 in 2017; down 2%)</b>
<b>First- time PhD:</b>	<b>111 (80 in 2017; up 39%)</b>
<b>First-time MS:</b>	<b>289 (348 in 2017; down 17%)</b>
<b>First-time Accl. MS:</b>	<b>56 (39 in 2017; up 44%)</b>



# Interim Report to HLC (July 2018)

## Graduate Learning Objectives

What are the learning objectives for MS and PhD students?

How do you assess that the GLOs are being met by students?

Demonstrate that the data is being used for continuous improvement?

✓ All programs have developed GLOs (70+ programs!)

## Graduate Program Review

Are all graduate programs being reviewed on a regular schedule?

- ✓ Do you have a schedule, including external review schedule, for all grad programs, especially those grad programs that are not accredited?
- ✓ Report preliminary findings based on the data collected and analyzed for the initial departments/programs (12 departments)
- ✓ Demonstrate the use of data for continuous improvement (MSE, CH, HU, SFRES)
- ✓ Report graduate program persistence, attrition and completion data

**Ensuring Graduate Program Quality**

Michigan Tech Graduate School

**Two Complementary Processes**

A: Graduate Learning Objectives (GLOs) are assessed annually  
B: 1. Graduate Program Outcomes (GPOs) are assessed every 5-6 years  
2. External Program Review will occur every 10-12 years

**A Student Learning**

**This is not about individual students**  
rather, overall, are your students meeting the GLOs your unit established to the level you expect?

Ongoing

Unit collects, analyzes, and stores data on student learning

A summary report is submitted to the Graduate School every year

**B Program Outcomes**

This process is to look at how your unit is meeting its stated program goals (GPOs).

**the basics**

**B1. Internal Review**

Graduate School provides basic program data to unit every 5-6 years

Unit uses data to write internal-review report

Internal-review report is submitted to the Graduate School

Refer to the "Procedure for Graduate Program Internal Review"

**B2. External Review**

If a program is externally accredited, follow your accreditor's timeline & procedures

Graduate School provides basic program data to unit every 10-12 years

Unit uses GPO and GLO data... plus undergrad data as applicable

Self-study report is submitted to the Provost's Office, who provides it to the review team

to generate a self-study report

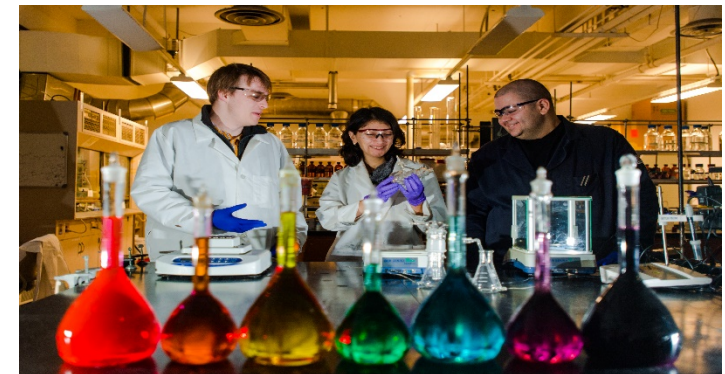
See "Procedure for Periodic External Review of Academic Degree Programs"

? As always: please contact the Graduate School if you have questions: 487-2327 mtu.edu/gradschool/about/dean/assessment/



# Business before the Senate

- **New Degrees and Certificates in development**
  - **Engineering Management (MEM) – School of Business and Economics**
  - **Safety and Security of Autonomous Cyber-Physical Systems (Certificate) - Interdisciplinary**
  - **Mechatronics (MS/Certificate) – School of Technology**
- **Shelving of unused degrees and certificates by Graduate Faculty Council**
- **Modification of Graduate Faculty Status in Faculty Handbook**
- **Further Revision of Graduate School Policy Regarding External Membership on Graduate Committees**





**THANK YOU!**

**Questions??**

