Mary Simonsen has submitted a request for a major curricular change. His/her email address is: mbsimon@wsu.edu.

**Requested change:** Revise or Drop Graduate Plan

**Degree:** M.S. in Materials Science & Engineering

**Title:** Thesis

**Requested Effective Date:** Fall 2018

Revise plan requirement: Yes

**Dean:** Field, David - Assoc Dean - VCEA - Grad,

**Chair:** Dutta, Indranath,
I approve of this.
Rgds,
Indranath

Indranath Dutta, Ph.D.
Professor and Interim Director
School of Mechanical and Materials Engineering
Washington State University
Spokane Street, Dana Hall 149 / Sloan 201
Pullman, WA 99164, USA
Phone: 509-335-8354
Email: idutta@wsu.edu

On Feb 15, 2018, at 12:52 PM, curriculum.submit <curriculum.submit@wsu.edu> wrote:

Looks like we got the approvals on all the submissions except this one. I suspect it’s an email issue.

Just want to make sure we’re ok to move forward on this.

Suzanne

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<2018.02.13.13.44.41.11.currentCatalogFile_School_of_MME~MS_MSE_thesis.pdf>
Thanks Suzanne,

I also approve this one.

Dave

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From: curriculum.submit
Sent: Thursday, February 15, 2018 10:52:53 AM
To: Field, Dave; Dutta, Indranath
Subject: FW: 415652 Mechanical and Materials Engineering Requirements Revise - Revise or Drop Graduate Plan

Looks like we got the approvals on all the submissions except this one. I suspect it’s an email issue.

Just want to make sure we’re ok to move forward on this.

Suzanne

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From: noreply@wsu.edu [mailto:noreply@wsu.edu]
Sent: Tuesday, February 13, 2018 1:45 PM
To: curriculum.submit <curriculum.submit@wsu.edu>
Subject: 415652 Mechanical and Materials Engineering Requirements Revise - Revise or Drop Graduate Plan

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**Chair:** Dutta, Indranath,
Rationale statement for graduate program requirement changes

The School of Mechanical & Materials Engineering requests the following changes to our graduate programs.

1. Change to all programs regarding the math requirement
   - MS Mechanical Engineering (thesis option)
   - MS Mechanical Engineering (non-thesis option)
   - PhD Mechanical Engineering
   - MS Materials Science & Engineering (thesis option)
   - MS Materials Science & Engineering (non-thesis option)

   Current language: “3 credit hours of any 500-level math course.”
   Requested change: “3 credit hours of any 500-level math or stat course.”

At their meeting on September 12, 2017, our Graduate Studies Committee (GSC) discussed whether our math requirement should be revised. The program requirements at that time were, “3 credit hours of any 500-level math course.” Over time, some faculty advisors and their students had requested that a “stat” course be allowed to substitute for the math course, as the stat course was more applicable to the research they were conducting. Our GSC had been approving these requests on a case-by-case basis. Because so many requests were being made in recent times, the GSC felt it made more sense to just change the math requirement. The GSC voted unanimously in favor of changing the requirement to say, “3 credit hours of any 500-level math or stat course.” Our faculty discussed this at their meeting on October 6, 2017, and voted unanimously in favor of the change.

2. Additional change to MS MSE (thesis option) and MS MSE (non-thesis option)

The requirement for “MSE/ME coursework: 12 credits minimum” was clarified to indicate that at least 9 credits of the 12 must be 500-level MSE courses, while the remaining 3 credits can be 500-level MSE or ME courses. Making this change will align the language of the MS MSE program requirements with that of our MS ME program requirements.
Materials Science and Engineering MS (Thesis):

- **Math: 3 credits minimum:**
  - Any 500-level Math course
- **MSE/ME Coursework: 12 credits minimum:**
  - Any 500-level MSE or ME courses
- **Seminar: 2 credits minimum:**
  - MATSE 593
  - ME 598
- **Electives: 6 credits minimum:**
  - Chosen in consultation with the advisor
- **Research Credits: 4 credits minimum:**
  - MSE 700
- **Total Graded Credits: 21 credits minimum**
- **Total Credits: 30 credits minimum**

Applicable Graduate School Requirements:

- **Graded Credits: 21 credits**
- **Research Credits: 4 credits**
  - MSE 700
- **Total Credits: 30 minimum**