

From: noreply@wsu.edu
To: [curriculum.submit](#)
Subject: 612299 Engineering and Computer Science WSU-V Requirements Revise - Revise or Drop Graduate Plan
Date: Tuesday, September 29, 2020 3:58:04 PM
Attachments: [2020.09.29.15.55.27.32.FormData.html](#)
[2020.09.29.15.55.26.84.currentCatalogFile WSUV MSEE Plan Change Supporting Document Re.docx](#)

John Lynch has submitted a request for a major curricular change. His/her email address is: jdlynch@wsu.edu.

Requested change: Revise or Drop Graduate Plan

Degree: M.S. Electrical Engineering

Title: Thesis

Requested Effective Date: Fall 2021

Revise plan requirement: Yes

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

Chair: Zhao, Xinghui – Director – Engineering and Computer Science Vancouver,

Catalog Subcommittee
Approval Date

AAC, PHSC, or GSC
Approval Date

Faculty Senate
Approval Date

From: [Zhao, Xinghui](mailto:Zhao.Xinghui)
To: curriculum.submit
Cc: Field, Dave
Subject: Re: 612299 Engineering and Computer Science WSU-V Requirements Revise - Revise or Drop Graduate Plan
Date: Tuesday, September 29, 2020 4:33:41 PM

1. I approve this proposal in its current form.

Thanks,

Xinghui

Xinghui Zhao
Associate Professor
School of Engineering and Computer Science
Washington State University Vancouver
14204 NE Salmon Creek Ave.
Vancouver, WA 98686

Tel: (360) 546-9110
Fax: (360) 546-9438

On Sep 29, 2020, at 3:55 PM, curriculum.submit@wsu.edu wrote:

Zhao, Xinghui – Director – Engineering and Computer Science Vancouver,

Field, David - Assoc Dean - VCEA - Grad,

John Lynch has submitted a request for a major curricular change.

Requested change: Revise or Drop Graduate Plan

Degree: M.S. Electrical Engineering

Title: Thesis

Requested Effective Date: Fall 2021

Revise plan requirement: Yes

Both Chair and Dean approval is required to complete the submission process. Please indicate that you have reviewed the proposal by highlighting one of the statements below and **reply all** to this email. (curriculum.submit@wsu.edu.) [Details of major change requested can be found in the attached supplemental documentation]

1. I approve this proposal in its current form.

From: [Field, Dave](#)
To: [Zhao, Xinghui](#); [curriculum.submit](#)
Subject: Re: 612299 Engineering and Computer Science WSU-V Requirements Revise - Revise or Drop Graduate Plan
Date: Tuesday, September 29, 2020 4:46:11 PM

I approve this proposal in the current form.

Dave

From: Zhao, Xinghui <x.zhao@wsu.edu>
Sent: Tuesday, September 29, 2020 4:33 PM
To: curriculum.submit <curriculum.submit@wsu.edu>
Cc: Field, Dave <dfield@wsu.edu>
Subject: Re: 612299 Engineering and Computer Science WSU-V Requirements Revise - Revise or Drop Graduate Plan

1. I approve this proposal in its current form.

Thanks,

Xinghui

Xinghui Zhao
Associate Professor
School of Engineering and Computer Science
Washington State University Vancouver
14204 NE Salmon Creek Ave.
Vancouver, WA 98686

Tel: (360) 546-9110
Fax: (360) 546-9438

On Sep 29, 2020, at 3:55 PM, curriculum.submit@wsu.edu wrote:

Zhao, Xinghui – Director – Engineering and Computer Science Vancouver,
Field, David - Assoc Dean - VCEA - Grad,
John Lynch has submitted a request for a major curricular change.
Requested change: Revise or Drop Graduate Plan
Degree: M.S. Electrical Engineering
Title: Thesis
Requested Effective Date: Fall 2021
Revise plan requirement: Yes

Both Chair and Dean approval is required to complete the submission process. Please indicate that you have reviewed the proposal by highlighting one of the statements below and **reply all** to this email. (curriculum.submit@wsu.edu.) [Details of major change requested can

Proposed change to catalog text:

The Master of Science in Electrical Engineering is a thesis-option program and requires a minimum of 30 credit hours. This includes 21 hours of graded coursework beyond the bachelor's plus a minimum of 4 thesis credits. Students present their research results to the faculty at the end of their last semester. The master's degree is awarded after approvals of the research by the student's advisory committee.

~~The thesis-option program must contain:~~

- ~~1. A minimum of 21 credit hours of graded coursework of which:
 - ~~○ At least 15 credit hours must be at the ECE 500-level,~~
 - ~~○ ECE 501 and 525 are required (6 credit hours),~~
 - ~~○ Six credit hours of additional courses as approved by the student's advisor.~~~~
- ~~2. A minimum of four credit hours of ECE 700 (thesis credits).~~

~~The Graduate School requires a minimum of 30 total credit hours for an MS degree. The School of ENCS graded course requirements add up to 21 credits and with the required minimum four credits of ECE 700, the program becomes 25 credits. The remaining five credits can be additional ECE 700 thesis credits or 500-level ECE classes.~~

The thesis-option program must contain at least 30 total credit hours (required by the Graduate School) including:

1. A minimum of 21 credit hours of graded coursework, including one or both of ECE 501 or ECE 525.
2. A maximum of 6 credit hours of 400-level undergraduate courses.
3. A minimum of 4 credit hours of ECE 700 (thesis credits).

Rationale:

ECE 501 Fundamentals of Laboratory-on-Chip is a specialized course; few of the Vancouver EE faculty have the expertise necessary to teach it. The requirement of ECE 501 has jeopardized graduation for several master's students when the faculty with the necessary expertise are not available to teach ECE 501 for a variety of reasons including sabbatical and the need to teach critical undergraduate core courses. ECE 525 Experimental Methods for Electrical Engineering,

on the other hand, is a generic course that can be taught by multiple instructors – no special expertise is required, so it can be offered regularly and not become an obstacle to graduation.