
[Draft] Fw: Proposed EECS Graduate-Level Courses (UGPC Aug 26)

From

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From: Hari Kalva <hkalva@fau.edu>
Sent: Tuesday, September 16, 2025 6:36 AM
To: Sarah Milton <smilton@fau.edu>
Cc: Rodrigo De Oliveira Pena <penar@fau.edu>
Subject: RE: Proposed EECS Graduate-Level Courses (UGPC Aug 26)

Hi Sarah, we have no objections.
Thank You,
Hari

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Hari Kalva, Ph.D.
eecs.fau.edu

From: Sarah Milton <smilton@fau.edu>
Sent: Monday, September 15, 2025 5:06 PM
To: Hari Kalva <hkalva@fau.edu>
Cc: Rodrigo De Oliveira Pena <penar@fau.edu>
Subject: Re: Proposed EECS Graduate-Level Courses (UGPC Aug 26)

Good afternoon Hari - one of my faculty is proposing a new course in Brain Modeling and Simulation. I am sending the proposed syllabus to you - please let me know if your department is ok with this new course.

Best,
Sarah

Dr. Sarah L. Milton
Professor and Chair
Department of Biological Sciences
FAU

Re: support for undergraduate class

From Alan Kersten <akersten@fau.edu>

Date Fri 9/19/2025 1:54 PM

To Rodrigo De Oliveira Pena <penar@fau.edu>; Gary Perry <perryg@fau.edu>

Cc William Alexander <walexander@fau.edu>

Hi Rodrigo,

This course appears to be distinct from our undergraduate course offerings, so we are happy to support this new course proposal.

Sincerely,

Alan

Alan Kersten
Professor and Chair
Department of Psychology
Florida Atlantic University
Boca Raton, FL 33431

From: Rodrigo De Oliveira Pena <penar@fau.edu>

Sent: Tuesday, September 16, 2025 8:16 AM

To: Alan Kersten <akersten@fau.edu>; Gary Perry <perryg@fau.edu>

Cc: William Alexander <walexander@fau.edu>

Subject: support for undergraduate class

Hi Alan, Gary, and Will —

I am proposing an undergraduate course called Brain Modeling and Simulation. It goes about modeling ion currents, and single biophysical neurons, with some techniques that are useful for this modeling (spike train statistics, how to fit parameters from electrophysiological recordings, etc).

Would the Psychology Department and the Center for Complex Systems support this class?

Best,
Rodrigo

Rodrigo Pena, PhD
Assistant Professor
Department of Biological Sciences
Florida Atlantic University
url: penaslab.com