UNIVERSITY OF MICHIGAN

Laura Balzano <girasole@umich.edu>

EECS 553 Fall 2022 Update 2

Laura Balzano <girasole@umich.edu>   Sat, Aug 27, 2022 at 8:02 AM
To: Laura Balzano <girasole@umich.edu>

---------- Forwarded message ---------
From: **Laura Balzano** <girasole@umich.edu>
Date: Sat, Aug 27, 2022 at 8:01 AM
Subject: Re: EECS 553 Fall 2022 Update 2
To:

For those of you who have recently joined the waitlist, here is the information on how to make the override request.
If you have questions, please contact Ms. Punam Vyas <vyas@umich.edu>.

Prof B

Dear Students,

EECS 553 Machine Learning - ECE is being run for the first time in Fall 2022. It will be similar to EECS 545 (now
Machine Learning - CSE) with more emphasis on algorithms and their derivation from fundamental mathematical
principles. For Fall 2022, Professor Balzano will be relying heavily on the advisory pre-requisite of "graduate level
probability and linear algebra."

Please fill out the override form if you are on the waitlist: https://deptapps.engin.umich.edu/waitlist/student/index?
dept=216002

You can mark that you have met the pre-requisite requirements if you have taken the following University of Michigan
graduate courses (one from each category). If you have taken other courses that you think should count toward the
requirement, at UM or another school, please use the "Partial" option and explain in detail.

Probability:
EECS 501,
Stats 510,
Stats 610,
Math/Stats 525,
Math/Stats 625,
Math/Stats 626,
Biostats 601,
Biostats 801,
ECON 503,
SI 544

Linear algebra/Matrix methods/Linear systems:
EECS 505,
EECS 551,
Aerosp 550,
CEE 571,
MECHENG 564,
EECS 560,
ROB 501

On Fri, Aug 26, 2022 at 4:29 PM Laura Balzano <girasole@umich.edu> wrote:

Dear students,

EECS 553 Machine Learning - ECE is being run for the first time in Fall 2022. This message is a follow-up to the initial email I sent in July and will hopefully answer your questions about the course and give you guidance as to whether you should stay enrolled. The current draft of the syllabus is attached. You can look at this course information page for the previous message, FAQs and updates.

Key updates:
1) We have a new classroom: GGBL 2505.
2) Those given override permissions will now only have 24 hours to sign up.
3) The 553 Canvas page is live.

Currently there are 92 students enrolled, 2 with pending permissions to enroll, and 205 on the waitlist. Our new classroom GGBL 2505 has more space (capacity 130) but we still don't have enough GSI support to increase capacity -- as soon as the GSIs assignments are complete, we will hopefully be able to increase enrollment. There are no plans to add another section this semester. Both EECS 553 and EECS 545 are currently slated to be offered in Winter 2023.

If you are enrolled but have not taken graduate level probability and linear algebra, I encourage you to drop. For ECE students, I encourage you to take 501 and 551 first before 553. Other students should either consider EECS 498 - Principles of Machine Learning, or take the advisory prerequisites and try again in a future semester. If you choose to attempt EECS 553 without these prerequisites, you should understand that you will likely need to do quite a bit of extra work to do well in the course.

If you are on the waitlist, you received an email with a link to fill out a form and request an override. If you did not receive that email, please write to Ms. Punam Vyas at <vyas@umich.edu> to ask for instructions. **If you receive an override, you will get an email notification and <u>you will have only 24 hours to sign up.</u>** This time is shortened from before due to the high turnover coming in the next two weeks. If you receive an override, you will need to drop the course and then add it again to become enrolled. See this video for instructions on how to use an override. If it expires, please write <vyas@umich.edu> to ask for help.

You will find my priority order for overrides in the attached syllabus. As of today, I have admitted everyone in the first four categories. Some people said they have the prerequisites when they do not, and those students have been denied overrides.

If you haven't had graduate probability and linear algebra, I am very unlikely to approve an override for you. However if you have, don't lose hope; you'd be surprised how far down the waitlist we could get and many people drop in the first two weeks of class. If your required coursework is not covered by the course numbers listed in the syllabus, describe the courses you have taken in your override request form, including UM course number if taken here.

As a general rule, I will not be answering emails about the course. You can hopefully find answers in the syllabus or course info page FAQ for now. When the course begins, Piazza will be the venue for questions and answers.

Looking forward to seeing you on Tuesday,
Laura Balzano
Associate Professor of Electrical Engineering and Computer Science
http://web.eecs.umich.edu/~girasole/