



# Department of Mathematics

## Course Listing

*(Disclaimer: Be advised that some information on this page may not be current due to course scheduling changes. Please view either the **UH Class Schedule page** or your Class schedule in **myUH** for the **most current/updated information.**)*

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Academic calendar: Fall 2022—Summer 2023

**(NEW) University of Houston Textbook Adoption login:** Please use this link to **Create your account** and **Submit** your textbook information for your course. This login is specifically designed to allow faculty to submit their own textbook information **(PDF Instructions-screenshots)**.

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### **Classroom changes** for Fall 2022 (updated 08/22/22)

MATH 2415-01 (Lecture) **New room:** AAA AUD2  
MATH 1332 (14703) **New room:** SEC 104

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(Archived Course listings)

*(These courses will **NOT** apply toward a degree in Mathematics)*

## **MATH 1100 - Fall 2022**

There are 4 separate sections of MATH 1100, in which each have a specific co-requisite. The 4 sections of MATH 1100 and their co-requisites are listed below.

Students also need to be TSI incomplete in Math in order to enroll in MATH 1100. **Co-enrollment in MATH 1351 (previously MATH 1312) will not be permitted in Fall 2022.**

***NOTE:*** a new requirement for MATH 1300 enrollment is that students must have a **TSI Math Adult Basic Education** score below 5.

Course	Class #	Course Title	Co-requisite	Course Day & Time	Rm #	Instructor
Math 1100 - 01	16888	Developmental Math	MATH 1314	Online	Asynchronous Online/ <b>On Campus Exams</b>	M. Caputo
Math 1100 - 02	18805	Developmental Math	MATH 1332	Online	Asynchronous Online/ <b>On Campus Exams</b>	M. Caputo
Math 1100 - 03	18806	Developmental Math	MATH 1324	Online	Asynchronous Online/ <b>On Campus Exams</b>	M. Caputo
Math 1100 - 04	18807	Developmental Math	MATH 1342	Online	Asynchronous Online/ <b>On Campus Exams</b>	M. Caputo

## UNDERGRADUATE COURSES - FALL 2022

**Face to Face (F2F):** These courses are displayed with a Meeting Time in the class schedule.

**Synchronous Online:** courses have **NO** Face-to-Face classes but do meet at a particular day and time in a virtual classroom. All course materials are available online and virtual lectures may be recorded to provide additional flexibility for students to view them later. These courses are displayed as “Online” with a Meeting Time in the class schedule.

**Asynchronous Online:** courses have **NO** Face-to-Face classes or virtual meeting times. All course materials are available online anytime. These courses are displayed as “Online” with NO Meeting Time in the schedule.

*(These courses **will** apply toward a degree in Mathematics)  
updated 08/02/22*

Course	Class #	Course Title	Course Day & Time	Rm #	Instructor
Math 2131-01	15271	Linear Algebra Labs w/MATLAB	TTh, 4–5:30PM, (F2F)	CBB 118	<b>TBA</b>
Math 2131-02	14920	Linear Algebra Labs w/MATLAB	MW, 2:30–4PM, (F2F)	CBB 120	A. Vu
Math 2318-01	14698	Linear Algebra	MW, 1–2:30PM, (F2F)	CBB 118	L.Cappanera
Math 2318-02	16277	Linear Algebra	MW, 4–5:30PM, (F2F)	CBB 108	A. Mamonov
Math 2318-03	12190	Linear Algebra	TTh, 10–11:30AM, (F2F)	CBB 118	M. Kalantar

Math 2318-04	12885	Linear Algebra	TTh, 2:30—4PM, (F2F)	CBB 104	R. Sanders
<i>Math 2318-05</i>	<i>13138</i>	<i>Linear Algebra</i>	<i>Asynchronous/On Campus Exams</i>	<i>Online</i>	<i>M. Perepelitsa</i>
Math 2318-06	26355	Linear Algebra	MWF, Noon—1PM, (F2F)	CBB 118	Y. Wu
Math 3325-01	12959	Transition to Advanced Mathematics	TTh, 10—11:30AM, (F2F)	CEMO 109	W. Ott
Math 3325-02	18123	Transition to Advanced Mathematics	MWF, 11AM—Noon, (F2F)	SEC 204	A. Vershynina
Math 3330-01	18124	Abstract Algebra	MW, 4—5:30PM, (F2F)	AH 108	M. O'Malley
Math 3330-02	11624	Abstract Algebra	TTh, 2:30—4PM, (F2F)	SEC 202	N. Leger
Math 3331-01	11625	Differential Equations	TTh, 11:30AM—1PM, (F2F)	SEC 206	R. Sanders
Math 3331-02	12360	Differential Equations	MWF, Noon—1PM, (F2F)	SEC 203	J. Winkle
Math 3333-02	11626	Intermediate Analysis	MWF, 10—11AM, (F2F)	SEC 204	J. Winkle
Math 3333-03	12886	Intermediate Analysis	TTh 1—2:30PM, (F2F)	SEC 202	N. Leger
Math 3336-02	20690	Discrete Mathematics	MWF, 11AM—Noon, (F2F)	SEC 103	B. Xhabli
Math 3336-04	15274	Discrete Mathematics	MW, 4—5:30PM, (F2F)	AH 110	J. Winkle
<i>Math 3336-05</i>	<i>16884</i>	<i>Discrete Mathematics</i>	<i>Asynchronous/On Campus Exams</i>	<i>Online</i>	<i>C. Douglas</i>
Math 3338-01	16885	Probability	TTh, 10—11:30AM, (F2F)	M 108	I. Timofeyev
Math 3338-05	17666	Probability	TTh, 2:30—4PM, (F2F)	SEC 206	E. Kao
Math 3339-01	16886	Statistics for the Sciences	TTh, 4—5:30PM, (F2F)	SR 117	J. Ryan
Math 3339-02	12087	Statistics for the Sciences	TTh, 10—11:30AM, (F2F)	GAR 201	J. Kwon
Math 3339-03	14909	Statistics for the Sciences	MW, 4—5:30PM, (F2F)	SEC 204	M. Papadakis
<i>Math 3339-04</i>	<i>12887</i>	<i>Statistics for the Sciences</i>	<i>Asynchronous/On Campus Exams</i>	<i>Online</i>	<i>W. Wang</i>
Math 3339-05	16278	Statistics for the Sciences	MWF, 11AM—Noon, (F2F)	SEC 104	Y. Niu
Math 3340-01	11863	Introduction to Fixed Income Math	TTh, 1—2:30PM, (F2F)	SEC 206	I. Timofeyev
<i>Math 3363-01</i>	<i>11627</i>	<i>Introduction to Partial Differential Equations</i>	<i>Asynchronous/On Campus Exams</i>	<i>Online</i>	<i>A. Caglar</i>
Math 3363-03	12088	Introduction to Partial Differential Equations	MW, 4—5:30PM, (F2F)	SEC 105	L. Cappanera
Math 3364-01	11629	Introduction to Complex Analysis	MWF, 10—11AM, (F2F)	SEC 203	A. Haynes
Math 4310-01	16365	Biostatistics	MWF, 11AM—Noon, (F2F)	AH 301	D. Labate
Math 4320-01	11630	Intro. To Stochastic Processes	TTh, 10—11:30AM, (F2F)	SEC 105	E. Kao
Math 4322-02	17199	Intro. to Data Science and Machine Learning	TTh, 11:30AM—1PM, (F2F)	GAR 201	C. Poliak
Math 4323-01	17145	Data Science and Statistical Learning	TTh, 10—11:30AM, (F2F)	CBB 106	W. Wang

Math 4331-02	13140	Introduction to Real Analysis I	TTh, 1—2:30PM, (F2F)	F 154	M. Kalantar
Math 4335-01	15291	Partial Differential Equations I	MWF, 9—10AM, (F2F)	SEC 201	G. Jaramillo
Math 4339-02	16536	Multivariate Statistics	TTh, 1—2:30PM, (F2F)	SEC 201	C. Poliak
Math 4350-01	24420	Differential Geometry I	MW, 1—2:30PM, (F2F)	S 102	M. Ru
Math 4364-01	13590	Intro. to Numerical Analysis in Scientific Computing	MW, 4—5:30PM, (F2F)	SEC 202	T. Pan
<i>Math 4364-02</i>	<i>16887</i>	<i>Intro. to Numerical Analysis in Scientific Computing</i>	<i>Asynchronous/ <b>On Campus Exams</b></i>	<i>Online</i>	<i>J. Morgan</i>
Math 4366-01	14942	Numerical Linear Algebra	TTh, 11:30AM—1PM, (F2F)	CBB 214	J. He
Math 4377-01	13142	Advanced Linear Algebra I	MWF, Noon—1PM, (F2F)	F 154	A. Haynes
<i>Math 4388-01</i>	<i>12472</i>	<i>History of Mathematics</i>	<i>Asynchronous/ <b>On Campus Exams</b></i>	<i>Online</i>	<i>S. Ji</i>
Math 4389-01	12090	Survey of Undergraduate Mathematics	MWF, 11AM—Noon, (F2F)	SEC 203	D. Blecher
<b>Math 4397-01</b>	<b>24332</b>	<b>Classical and Quantum Information Theory</b>	<b>MWF, Noon—1PM, (F2F)</b>	<b>S 116</b>	<b>L. Gao</b>