



# 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.**)*

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)**.

(Archived Course listings)

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

### MATH 1100 - Spring 2023

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** and thereafter.

Please also refer to the **TSI website** to confirm these courses.

**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	16277	Developmental Math	MATH 1314	Online	Asynchronous Online/ <b>On Campus Exams</b>	J. Chang
Math 1100 - 02	17957	Developmental Math	MATH 1332	Online	Asynchronous Online/ <b>On Campus Exams</b>	J. Chang
Math 1100 - 03	17958	Developmental Math	MATH 1324	Online	Asynchronous Online/ <b>On Campus Exams</b>	J. Chang
Math 1100 - 04	17959	Developmental Math	MATH 1342	Online	Asynchronous Online/ <b>On Campus Exams</b>	J. Chang

# UNDERGRADUATE COURSES - Spring 2023

[updated 01/17/23]

**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)

Course	Class #	Course Title	Course Day & Time	Rm #	Instructor
Math 2131-01	13750	Linear Algebra Labs w/MATLAB	MW, 2:30—4PM (F2F)	S 116	A. Vu
Math 2131-02	17823	Linear Algebra Labs w/MATLAB	TuTh, 4—5:30PM (F2F)	S 116	A. Goligerdian
Math 2318-01	11686	Linear Algebra	TuTh, 2:30—4PM (F2F)	SEC 104	N. Sherf
Math 2318-02	20287	Linear Algebra	TuTh, 1—2:30PM (F2F)	CBB 118	R. Sanders
<i>Math 2318-03</i>	<i>13749</i>	<i>Linear Algebra</i>	<i>Asynchronous/On Campus Exams</i>	<i>N/A</i>	<i>J. Morgan</i>
Math 2318-04	17778	Linear Algebra	MW, 1—2:30PM (F2F)	CBB 110	A. Mang
<i>Math 2318-05</i>	<i>17779</i>	<i>Linear Algebra</i>	<i>Asynchronous/On Campus Exams</i>	<i>N/A</i>	<i>J. Morgan</i>
Math 2318-06	13947	Linear Algebra	TuTh, 11:30AM—1PM (F2F)	MH 128	M. Perepelitsa
Math 3325-02	12887	Transition to Advanced Mathematics	TuTh, 2:30—4PM, (F2F)	CBB 214	N. Leger
Math 3325-01	25480	Transition to Advanced Mathematics	TuTh, 1—2:30PM, (F2F)	CBB 214	N. Leger
Math 3330-03	14679	Abstract Algebra	MW, 4—5:30PM, (F2F)	AH 16	M. O'Malley
Math 3330-04	14680	Abstract Algebra	TuTh, 11:30AM—1PM, (F2F)	S 102	G. Heier
Math 3331-02	11161	Differential Equations	TuTh, 10—11:30AM, (F2F)	CBB 124	R. Sanders
Math 3331-03	15204	Differential Equations	MWF, 10—11AM, (F2F)	CBB 214	D. Onofrei
Math 3333-02	17784	Intermediate Analysis	TuTh, 1PM—2:30PM, (F2F)	CBB 108	S. Ji
Math 3333-03	25481	Intermediate Analysis	MW, 1—2:30PM, (F2F)	MH 116	M. Nicol
Math 3334-01	18155	Adv Multi & Vector Calculus	MWF, 11AM—Noon, (F2F)	S 202	G. Jaramillo
Math 3336-01	11162	Discrete Mathematics	TuTh, 2:30—4PM, (F2F)	S 105	J. Winkle
<i>Math 3336-02</i>	<i>11163</i>	<i>Discrete Mathematics</i>	<i>Asynchronous/On Campus Exams</i>	<i>N/A</i>	<i>C. Douglas</i>

Math 3336-04	14473	Discrete Mathematics	TuTh, 10—11:30AM, (F2F)	CBB 118	J. Winkle
Math 3336-05	20285	Discrete Mathematics	MWF, 10—11AM, (F2F)	SEC 104	B. Xhabli
Math 3338-02	16303	Probability	TuTh, 10—11:30AM, (F2F)	CBB 122	E. Kao
Math 3338-03	12299	Probability	MW, 1—2:30PM, (F2F)	CBB 108	M. Papadakis
Math 3339-01	13281	Statistics for the Sciences	MW, 1—2:30PM, (F2F)	F 160	W. Wang
Math 3339-03	12497	Statistics for the Sciences	TuTh, 1—2:30PM, (F2F)	F 154	D. Labate
Math 3339-04	16384	Statistics for the Sciences	MWF, 11AM—Noon, (F2F)	CBB 104	Y. Niu
<i>Math 3339-05</i>	<i>14474</i>	<i>Statistics for the Sciences</i>	<i>Asynchronous/On Campus Exams</i>	<i>N/A</i>	<i>W. Wang</i>
Math 3339-06	18007	Statistics for the Sciences	MW, 4—5:30PM, (F2F)	SEC 206	M. Papadakis
Math 3349-01	15641	Inferential Statistics	TuTh, 1—2:30PM, (F2F)	S 132	C. Poliak
<i>Math 3363-01</i>	<i>12711</i>	<i>Introduction to Partial Differential Equations</i>	<i>Asynchronous/On Campus Exams</i>	<i>N/A</i>	<i>A. Caglar</i>
Math 3363-03	17787	Introduction to Partial Differential Equations	TuTh, 10—11:30AM, (F2F)	SEC 203	W. Fitzgibbon
Math 3363-05	17788	Introduction to Partial Differential Equations	MW, 4—5:30PM, (F2F)	CBB 214	A. Mamonov
Math 3364-01	12884	Introduction to Complex Analysis	MWF, Noon—1PM, (F2F)	S 132	I. Timofeyev
<i>Math 3379-02</i>	<i>25099</i>	<i>Introduction to Higher Geometry</i>	<i>Asynchronous/On Campus Exams</i>	<i>N/A</i>	<i>B. George</i>
Math 4309-01	12392	Mathematical Biology	MW, 2:30—4PM, (F2F)	SEC 104	R. Azevedo
Math 4315-01	17794	Graph Theory with Applications	TuTh, 4—5:30PM, (F2F)	CBB 214	K. Josic
Math 4322-01	16274	Intro. to Data Science and Machine Learning	TuTh, 11:30AM—1PM, (F2F)	SEC 104	C. Poliak
Math 4323-01	15666	Data Science and Statistical Learning	MWF, 11AM—Noon, (F2F)	SEC 104	W. Wang
Math 4332-01	11165	Intro to Real Analysis II	TuTh, 1—2:30PM, (F2F)	F 162	M. Kalantar
Math 4335-01	20411	Partial Differential Equations I	MWF, 9—10AM, (F2F)	CBB 214	G. Jaramillo
Math 4351-01	20834	Calculus on Manifolds	MWF, Noon—1PM, (F2F)	CBB 214	M. Nicol
Math 4362-01	14935	Theory Differential Equ. & Nonlinear Dynamics	MWF, 10—11AM, (F2F)	SEC 201	A. Török
Math 4364-01	13420	Intro. to Numerical Analysis in Scientific Computing	MW, 4—5:30PM, (F2F)	SEC 205	T.W. Pan
Math 4364-02	20284	Intro. to Numerical Analysis in Scientific Computing	TuTh, 8:30—10AM, (F2F)	SEC 205	L. Cappanera
Math 4365-01	12870	Numerical Methods for Differential Equations	TuTh, 11:30AM—1PM, (F2F)	CBB 214	J. He
Math 4370-01	20540	Mathematics for Physicists	MWF, 9—10AM, (F2F)	AH 301	A. Cardoso Barato
Math 4377-03	13148	Advanced Linear Algebra I	MW, 1—2:30PM, (F2F)	SEC 202	A. Quaini
Math 4378-01	11166	Advanced Linear Algebra II	MW, 1—2:30PM, (F2F)	F 154	A. Mamonov
Math 4380-01	11167	Mathematical Intro To Options	TuTh, 2:30—4PM, (F2F)	F 162	E. Kao

Math 4389-01	11168	Survey of Undergraduate Mathematics	TuTh, 1–2:30PM, (F2F)	GAR G201	M. Almus
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## **UNDERGRADUATE COURSES - SUMMER 2023**