

# UNDERGRADUATE COURSES - SPRING 2021

**\*NEW UH plans to deliver classes this fall in the following three instructional modes**

**Hyflex** courses have a safe number of students face-to-face in a socially distanced classroom, with lectures being live-streamed to allow additional students to participate in the class remotely. Lectures are also recorded for viewing by students online later if necessary, with additional course materials posted online that can be accessed anytime. 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.

*This schedule is subject to changes. Please contact the Course Instructor for confirmation (\*updated 11/11/20\*).*

(Archived Course listings)

*(These courses will apply toward a degree in Mathematics)*

Course	Class #	Course Title	Course Day & Time	Rm #	Instructor
<i>Math 2131</i>	<i>20904</i>	<i>Linear Algebra Labs w/MATLAB</i>	<b>Online</b>	<b>Online</b>	<i>J. Duvall</i>
Math 2331	16151	Linear Algebra	MW, 1—230PM- <b>Online</b>	<b>Online</b>	M. Olshanskii
Math 2331	2757—	Linear Algebra	MW, 230—4PM- <b>Online</b>	<b>Online</b>	G. Sosa Jones
Math 2331	20—02	Linear Algebra	TuTh, 10—1130AM - <b>Hyflex</b>	AAA AUD1	R. Sanders
Math 2331	21203	Linear Algebra	TuTh, 4—530PM- <b>Online</b>	<b>Online</b>	M. Papadakis
Math 3325	1—040	Transition to Advanced Mathematics	TuTh, 10—1130AM - <b>Online</b>	<b>Online</b>	B. Bodmann
Math 3325	20—03	Transition to Advanced Mathematics	MW, 1—230PM - <b>Online</b>	<b>Online</b>	W. Ott
<i>Math 3325</i>	<i>23741</i>	<i>Transition to Advanced Mathematics</i>	<b>Online</b>	<b>Online</b>	<i>P. Walker</i>
Math 3330	22686	Abstract Algebra	<b>Online</b>	<b>Online</b>	<i>M. O'Malley</i>
Math 3330	22687	Abstract Algebra	<b>Online</b>	<b>Online</b>	<i>G. Heier</i>
Math 3331	15100	Differential Equations	TuTh, 1—230PM - <b>Hyflex</b>	AAA AUD2	R. Sanders
Math 3331	23740	Differential Equations	MWF, — —10AM - <b>Online</b>	<b>Online</b>	G. Jaramillo
Math 3333	24263	Intermediate Analysis	MWF, 10—11AM - <b>Online</b>	<b>Online</b>	D. Onofrei
Math 3333	17618	Intermediate Analysis	TuTh, 1—230PM - <b>Online</b>	<b>Online</b>	N. Leger
<i>Math 3336</i>	<i>15101</i>	<i>Discrete Mathematics</i>	<b>Online</b>	<b>Online</b>	<i>P. Walker</i>
<i>Math 3336</i>	<i>15102</i>	<i>Discrete Mathematics</i>	<b>Online</b>	<b>Online</b>	<i>P. Walker</i>
Math 3336	1—678	Discrete Mathematics	TuTh, 10—1130AM - <b>Online</b>	<b>Online</b>	B. Fan
Math 3336	22320	Discrete Mathematics	MW, 1—230PM - <b>Online</b>	<b>Online</b>	A. Mang
Math 3338	24264	Probability	TuTh, 10—1130AM - <b>Online</b>	<b>Online</b>	E. Kao
<i>Math 3338</i>	<i>27712</i>	<i>Probability</i>	<b>Online</b>	<b>Online</b>	<i>I. Timofeyev</i>
Math 3338	1761—	Probability	TuTh, 4—530PM - <b>Online</b>	<b>Online</b>	N. Leger
Math 333—	1—875	Statistics for the Sciences	MW, 1—230PM - <b>Online</b>	<b>Online</b>	M. Jun
Math 333—	181—7	Statistics for the Sciences	TuTh, 1—230PM - <b>Online</b>	<b>Online</b>	M. Papadakis

Math 333—	28042	Statistics for the Sciences	MWF, 10—11AM, <b>Online</b>	<b>Online</b>	W. Wang
<i>Math 3339</i>	<i>22321</i>	<i>Statistics for the Sciences</i>	<b>Online</b>	<b>Online</b>	<i>W. Wang</i>
Math 334—	24812	Inferential Statistics	TuTh, 230—4PM - <b>Online</b>	<b>Online</b>	C. Poliak
<i>Math 3363</i>	<i>18616</i>	<i>Introduction to Partial Differential Equations</i>	<b>Online</b>	<b>Online</b>	<i>R. Glowinski</i>
<i>Math 3363</i>	<i>19585</i>	<i>Introduction to Partial Differential Equations</i>	<b>Online</b>	<b>Online</b>	<i>W. Fitzgibbon</i>
<i>Math 3363</i>	<i>16333</i>	<i>Introduction to Partial Differential Equations</i>	<b>Online</b>	<b>Online</b>	<i>Y. Gorb</i>
Math 3363	181—8	Introduction to Partial Differential Equations	MWF, 11—Noon - <b>Online</b>	<b>Online</b>	G. Jaramillo
Math 3364	1—037	Introduction to Complex Analysis	MWF, Noon—1PM - <b>Online</b>	<b>Online</b>	D. Onofrei
Math 337—	15103	Introduction to Higher Geometry	MW, 230—4PM - <b>Online</b>	<b>Online</b>	B. Xhabli
Math 430—	17880	Mathematical Biology	MWF, Noon—1PM - <b>Online</b>	<b>Online</b>	TBA
Math 4322	27551	Intro. to Data Science and Machine Learning	TuTh, 1130AM—1PM - <b>Online</b>	<b>Online</b>	C. Poliak
Math 4323	24854	Data Science and Statistical Learning	MW, 1—230PM - <b>Online</b>	<b>Online</b>	W. Wang
Math 4332	15104	Introduction to Real Analysis II	MWF, 11AM—Noon - <b>Online</b>	<b>Online</b>	A. Vershynina
Math 4351	27576	Differential Geometry II	MW, 1—230PM - <b>Online</b>	<b>Online</b>	M. Ru
Math 4355	27716	Mathematics of Signal Representation	TuTh, 10—1130AM - <b>Online</b>	<b>Online</b>	D. Labate
<i>Math 4362</i>	<i>23243</i>	<i>Theory of Differential Equations &amp; Non Linear Dynamics</i>	<b>Online</b>	<b>Online</b>	<i>V. Climenhaga</i>
Math 4364	20220	Intro. to Numerical Analysis in Scientific Computing	MW, 4—530PM - <b>Online</b>	<b>Online</b>	T. Pan
Math 4365	1—020	Numerical Methods for Differential Equations	TuTh, 1130AM—1PM - <b>Online</b>	<b>Online</b>	J. He
Math 4377	1—67—	Advanced Linear Algebra I	MWF, ——10AM - <b>Online</b>	<b>Online</b>	L. Cappanera
Math 4378	15105	Advanced Linear Algebra II	MWF, Noon—1PM - <b>Online</b>	<b>Online</b>	A. Mamonov
Math 4380	15106	Mathematical Introduction to Option	TuTh, 230—4PM - <b>Online</b>	<b>Online</b>	E. Kao
Math 438—	15107	Survey of Undergraduate Mathematics	MW, 1—230PM - <b>Online</b>	<b>Online</b>	M. Almus
Math 43—7	28354	Selected Topics in Mathematics	MW, 230—4PM - <b>Online</b>	<b>Online</b>	L. Wood