

Tentative upper level Math course offerings. Enrollment must meet UHD standards for course to make.

	Fall, 2018	Spring, 2019	Summer 1, 2019	Summer 2, 2019	Summer 3, 2019
<b>2018 / 2019</b>	3301 3313 3302 3321 3306 3322 3307 3308  4307 4315 recommend	3301 3321 3302 3322 3306 3307 3309 4302 4306 4314	3301 3321 3302 3314	4314	4312 3322
	Fall, 2019	Spring, 2020	Summer 1, 2020	Summer 2, 2020	Summer 3, 2020
<b>2019 / 2020</b>	3301 3303 3302 3321 3306 3322 3307 3312 4303 4308 4311	2301 3313 3301 3321 3302 3322 3306 3307 3314 4302 4305/5305	3301 3321 3302 3309		4312 3322
	Fall, 2020	Spring, 2021	Summer 1, 2021	Summer 2, 2021	Summer 3, 2021
<b>2020 / 2021</b>	3301 3321 3302 3322 3306 3307 3408 3309  4306 4314 4316	3301 3303 3302 3321 3306 3322 3307 3309  4301 4315	3301 3322 3302 3307		4312 3321
	Fall 2021	Spring 2022	Summer I 2022	Summer 2 2022	Summer 3 2022
<b>2021 / 2022</b>	3301 3313 3302 3321 3306 3322 3307 3314 3408  4304 4307/5307 4308	3301 3321 3302 3322 3306 3307 3312  4302 4303 4306/5306	3301 3322 3302 3307		4312 3322
	Fall 2022	Spring 2023	Summer I 2023	Summer 2 2023	Summer 3 2023
<b>2022 / 2023</b>	3301 3321 3302 3322 3307 3308 3408 3312 3317 4302 4305 4314	3301 3321 3302 3322 3306 3307 3314  4301 4303 4304	3301 3302 3322 3307		4312 3322

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Course Number	Course	Remarks (look at data to revise annually)
3301	Differential Equations	Core: Fall, Spring, Summer I
3302	Probability and Statistics	Core: Fall, Spring, Summer I
3303	<i>Geometry for Teachers</i>	Once every 3 long semesters
3306	Introduction to Modern Algebra	Core: once per long semester
3307	Analysis I	Core: once per long semester
3408	Numerical Methods	Core: every fall semester
3309	Number Theory	<sup>1</sup> In rotation (no summers)
3312	Set Theory	<sup>1</sup> In rotation (no summers)
3313	<i>Mathematics for Secondary Teachers</i>	Once every 3 long semesters
3314	Introduction to Combinatorics	<sup>1</sup> In rotation (no summers)
3317	Actuarial Mathematics I	<sup>2</sup> In rotation
3321	<i>Math Concepts I</i>	Every semester; Alternate Winter terms; Summer
3322	<i>Math Concepts II</i>	Every semester; Alternate Winter terms; Summer
4301/5301	Advanced Numerical Methods	<sup>2</sup> In rotation
4302	Advanced Multivariable Calculus	<sup>2</sup> In rotation
4303	Introduction to Topology and Functional Analysis	<sup>2</sup> In rotation
4304	Introduction to Partial Differential Equations	<sup>2</sup> In rotation
4305/5305	Complex Variables with Applications	<sup>2</sup> In rotation
4306/5306	Modern Algebra	<sup>2</sup> In rotation
4307/5307	Analysis II	<sup>2</sup> In rotation
4308	Introduction to Graph Theory	<sup>2</sup> In rotation
4312	History of Mathematics	Once per year (rotate as S3'16, F'17, S3'18, S'19, S3'20, etc.)
4314/5314	Differential Geometry	<sup>2</sup> In rotation
4315/5315	Mathematical Modeling	<sup>2</sup> In rotation
4316	Decision Mathematics	Stat committee

<sup>1</sup>One at a time in rotation: Fall, Spring only but not in summer

<sup>2</sup>One at a time in rotation: Fall, Spring, Summer II