

## MATH Department: Courses offered in SPRING 2021

*New courses / new offerings*

*Electives not offered every year*

Course	Title	Offered	Next offering after Spring 2021	Comments
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### *Service courses*

*Entry level*

<b>MATH 5</b>	Intro to Mathematical Thought	Spring	Spring 2022	
<b>MATH 12</b>	Basic Statistics	Every semester	Fall 2021	

*Calculus*

<b>MATH 21</b>	Calculus I	Every semester	Summer / Fall 2021	
<b>MATH 22</b>	Calculus II	Every semester	Summer / Fall 2021	
<b>MATH 23</b>	Calculus III	Every semester	Summer / Fall 2021	
<b>MATH 51</b>	Survey of Calculus I	Every semester	Fall 2021	
<b>MATH 52</b>	Survey of Calculus II	Every semester	Fall 2021	
<b>MATH 76</b>	Calculus I, Part B	Spring	Spring 2022	
<b>MATH 81</b>	Calculus with Business Applications I	Every semester	Fall 2021	
<b>MATH 82</b>	Calculus with Business Applications II	Every semester	Fall 2021	

NEW: Now offered every semester.

*Upper level*

<b>MATH 130</b>	Biostatistics	Spring	Spring 2022	
<b>MATH 205</b>	Linear Methods	Every semester	Summer / Fall 2021	
<b>MATH 208</b>	Complex Variables	Every semester	Summer / Fall 2021	
<b>MATH 231</b>	Probability and Statistics	Every semester	Summer / Fall 2021	

## **MATHEMATICS major courses**

### *Catalog 2017 and before - Required courses*

<b>MATH 163</b>	Intro Mathematical Reasoning	Spring	Spring 2022
<b>MATH 205*</b>	Linear Methods	Every semester	Fall 2021
<b>MATH 208</b>	Complex Variables	Every semester	Fall 2021
<b>MATH 231*</b>	Probability and Statistics	Every semester	Fall 2021
<b>MATH 243</b>	Algebra	Spring	Spring 2022

\*:MATH 205 and MATH 231 are not recommended for Math majors any longer. Discuss possible alternatives with your advisor.

Note: any student is eligible to join the new 2018 major format, talk to an advisor if interested.

### *Catalog 2018 and after - Core courses*

<b>MATH 163</b>	Intro Mathematical Reasoning	Spring	Spring 2022
<b>MATH 243</b>	Algebra	Spring	Spring 2022

### *Advanced Electives*

<b>MATH 203</b>	Actuarial Exam II	Every other Spring	Spring 2023	(2 credits only)
<b>MATH 208</b>	Complex Variables	Every semester	Summer / Fall 2021	
<b>MATH 263</b>	Intro to Probability Theory	Every semester	Fall 2021	
<b>MATH 264</b>	Intro Statistical Reasoning and Methods	Spring	Spring 2022	
<b>MATH 310</b>	Random Processes and Applications	Every semester	Fall 2021	
<b>MATH 311</b>	Graph Theory	Every other Spring	Spring 2023	
<b>MATH 312</b>	Statistical Computing and Applications	Every semester	Fall 2021	
<b>MATH 319</b>	Intro Differential Equations	Spring	Spring 2022	
<b>MATH 323</b>	Methods of Applied Analysis II	Every other Spring	Spring 2023	
<b>MATH 334</b>	Mathematical Statistics	Spring	Spring 2022	
<b>MATH 338</b>	Linear Models in Stat and Appl	Spring	Spring 2022	
<b>MATH 339</b>	Time Series and Forecasting	Every other Spring	Spring 2023	NEW Course !
<b>MATH 341</b>	Math Models and their Formulation	Spring	Spring 2022	
<b>MATH 342</b>	Number Theory	Every other Spring	Spring 2023	

## STATISTICS major courses

Catalog 2019 and before - Required courses

<b>MATH 205</b>	Linear Methods	Every semester	Fall 2021
<b>MATH 231*</b>	Probability and Statistics	Every semester	Fall 2021
<b>MATH 263</b>	Intro to Probability Theory	Every semester	Fall 2021
<b>MATH 264</b>	Intro Statistical Reasoning and Methods	Spring	Spring 2022
<b>MATH 310</b>	Random Processes and Applications	Every semester	Fall 2021
<b>MATH 312</b>	Statistical Computing and Applications	Every semester	Fall 2021
<b>MATH 334</b>	Mathematical Statistics	Spring	Spring 2022
<b>MATH 338</b>	Linear Models in Stat and Appl	Spring	Spring 2022
<b>MATH 374</b>	Statistical Project	Every semester	Spring 2022

\*: MATH 231 can be replaced by MATH 263/264. Talk to an advisor if you consider this better alternative.

Note: any student is eligible to join the new 2020 major format, talk to an advisor if interested.

Catalog 2020 - NEW Stat major format - Required courses (depend on the track)

<b>MATH 205</b>	Linear Methods	Every semester	Fall 2021
<b>MATH 263</b>	Intro to Probability Theory	Every semester	Fall 2021
<b>MATH 264</b>	Intro Statistical Reasoning and Methods	Spring	Spring 2022
<b>MATH 310</b>	Random Processes and Applications	Every semester	Fall 2021
<b>MATH 312</b>	Statistical Computing and Applications	Every semester	Fall 2021
<b>MATH 334</b>	Mathematical Statistics	Spring	Spring 2022
<b>MATH 338</b>	Linear Models in Stat and Appl	Spring	Spring 2022
<b>MATH 339</b>	Time Series and Forecasting	Every other Spring	Spring 2023
<b>MATH 374</b>	Statistical Project	Every semester	Spring 2022

NEW Course !

Advanced Math Electives

<b>MATH 203</b>	Actuarial Exam II	Every other Spring	Spring 2023
<b>MATH 208</b>	Complex Variables	Every semester	Summer / Fall 2021
<b>MATH 311</b>	Graph Theory	Every other Spring	Spring 2023
<b>MATH 319</b>	Intro Differential Equations	Spring	Spring 2022
<b>MATH 323</b>	Methods of Applied Analysis II	Every other Spring	Spring 2023
<b>MATH 339</b>	Time Series and Forecasting	Every other Spring	Spring 2023
<b>MATH 341</b>	Math Models and their Formulation	Spring	Spring 2022
<b>MATH 342</b>	Number Theory	Every other Spring	Spring 2023

(2 credits only)

NEW Course !

**GRADUATE courses**

<b>MATH 402</b>	Real Analysis II	Spring	Spring 2022
<b>MATH 408</b>	Algebraic Topology	Spring	Spring 2022
<b>MATH 424</b>	Differential Geometry II	Every other Spring	Spring 2023
<b>MATH 428</b>	Fields and Modules	Spring	Spring 2022
<b>MATH 463</b>	Advanced Probability	Every other Spring	Spring 2023
<b>MATH 468</b>	Financial Stochastic Analysis	Spring	Spring 2022

***Missing courses***
