

Proposed Math Upper Division Courses Offering Rotation Schedule

Course	Semester Offered	Credits
MAS 4107* Linear Algebra 2	Fall and Spring	3
STA 4442* Prob. & Stats 1	Every	3
MAA 4200* Modern Analysis	Every	3
MAS 4301* Modern Algebra	Every	3
MAA 4402* Introductory Complex Analysis	Fall and Spring	3
MAT 4937* Mathematical Problem Solving	Fall and Spring	3
MAS 3203 Introductory Number Theory	Spring and Summer	3
MTG 3212 Survey of Geometry	Fall and Summer	3
MAP 3305 Engineering Mathematics 1	Every	3
MAD 3400 Numerical Methods	Fall	3
MHF 3404 History of Mathematics	Spring	3
MAP 4172 Actuarial Mathematics 1	Fall	3
MAP 4173 Actuarial Mathematics 2	Spring	3
MAA 4226 Introductory Analysis 1	Fall	3
MAA 4227 Introductory Analysis 2	Spring	3
MAD 4301 Graph Theory	Every Second Spring	3
MAP 4303 Differential Equation 2	Fall	3
MAP 4913 RI: Industrial Problems Applied Math	Spring	3
MAS 4304 Introductory Abstract Algebra 1	Fall	3
MAS 4306 Introductory Abstract Algebra 2	Spring	3

CIS 4362 Cryptography and Information Security	Fall (online)	3
MAD 4605 Introduction to Coding Theory	Every Second Spring	3
STA 4618 Linear Programming and Game Theory	Every Second Fall	3
MHF 3302 Mathematical Logic	Not offered after spring 2013	3
MAP 4306 Engineering Mathematics 2	Terminated	3
MAD 4401 Numerical Analysis 1	Not offered for more than five years	3
MTG 4930 Topics in Geometry	Not offered for more than five years	3

Note: courses with * are required.

Semester	Upper Division Math Courses to be Offered
Spring 2019	MAA 4200, MAA 4227, MAA 4402, MAD 4301, MAP 3305, MAP 4173, MAP 4913, MAS 3203, MAS 4107, MAS 4301, MAS 4306, MAT 4937, MHF 3404, STA 4442
Summer 2019	MAA 4200, MAP 3305, MAS 3203, MAS 4301, MAT 4937(?), MTG 3212, STA 4442
Fall 2019	MAA 4200, MAA 4226, MAA 4402, MAD 3400, MAP 3305, MAP 4172, MAP 4303, MAS 4107, MAS 4301, MAS 4304, MAT 4937, MTG 3212, STA 4442, CIS 4362 (online)
Spring 2020	MAA 4200, MAA 4227, MAA 4402, MAD 4605, MAP 3305, MAP 4173, MAP 4913, MAS 3203, MAS 4107, MAS 4301, MAS 4306, MAT 4937, MHF 3404, STA 4442
Summer 2020	MAA 4200, MAP 3305, MAS 3203, MAS 4301, MAT 4937(?), MTG 3212, STA 4442
Fall 2020	MAA 4200, MAA 4226, MAA 4402, MAD 3400, MAP 3305, MAP 4172, MAP 4303, MAS 4107, MAS 4301, MAS 4304, MAT 4937, MTG 3212, STA 4442, STA 4618, CIS 4362 (online)
Spring 2021	MAA 4200, MAA 4227, MAA 4402, MAD 4301, MAP 3305, MAP 4173, MAP 4913, MAS 3203, MAS 4107, MAS 4301, MAS 4306, MAT 4937, MHF 3404, STA 4442 (the same as the courses in Spring 2019)
Summer 2021	MAA 4200, MAP 3305, MAS 3203, MAS 4301, MAT 4937(?), MTG 3212, STA 4442 (the same as the courses in Summer 2019)
Fall 2021	MAA 4200, MAA 4226, MAA 4402, MAD 3400, MAP 3305, MAP 4172, MAP 4303, MAS 4107, MAS 4301, MAS 4304, MAT 4937, MTG 3212, STA 4442, CIS 4362 (online) (the same as the courses in Fall 2019)

Spring 2022	MAA 4200, MAA 4227, MAA 4402, MAD 4605, MAP 3305, MAP 4173, MAP 4913, MAS 3203, MAS 4107, MAS 4301, MAS 4306, MAT 4937, MHF 3404, STA 4442 (the same as the courses in Spring 2020)
Summer 2022	MAA 4200, MAP 3305, MAS 3203, MAS 4301, MAT 4937(?), MTG 3212, STA 4442 (the same as the courses in Summer 2020)
Fall 2022	MAA 4200, MAA 4226, MAA 4402, MAD 3400, MAP 3305, MAP 4172, MAP 4303, MAS 4107, MAS 4301, MAS 4304, MAT 4937, MTG 3212, STA 4442, STA 4618, CIS 4362 (online) (the same as the courses in Fall 2020)

202X=202X-2 (recursive formula).