

# Stony Brook Mathematics

## Schedule of Classes

### Fall 2019

First Day of Classes	Monday, August 26, 2019
Last Day to drop w/o tuition liability	Sunday, September 1, 2019
Last Day to withdraw without a W	Monday, September 9, 2019
Last Day to add classes/swaps	Monday, September 9, 2019
Fall Break / NO CLASSES	Monday, October 14, 2019 and Tuesday, October 15, 2019
Last Day to switch (Drop-down/Move-up) from MAT 122, 123, 125, 126, 127, 131, 132, 171 MAP or MAT course	Friday, October 11, 2019
Last Day for section changes	Friday, October 25, 2019
Last Day to Withdraw or GPNC	Friday, October 25, 2019
Last Day of Classes	Monday, December 9, 2019
Reading Day	Tuesday, December 10, 2019
Final Exams	Wednesday, Dec. 11, 2019 to Thursday, Dec. 19, 2019
Commencement	Friday, December 20, 2019
Please Note	* indicates course coordinator
Last Revised	Tuesday, September 17, 2019 at 11:08 AM

## Mathematics Education Courses

### MAE 301 Foundations of Secondary School Mathematics

Note: Offered as MAE 301 and MAE 501

**Final:** Tuesday, Dec. 17, 11:15am-1:45pm

LEC 01	87155	9/25	TuTh 2:30pm- 3:50pm	Lisa Berger	Mathematics 4130	48
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### MAE 311 Intro. to Methods of Teaching Secondary School Math

Note: Offered as MAE 311 and MAE 510

**Final:** Tuesday, Dec. 17, 2:15pm-5:00pm

LEC 01	80609	9/24	TuTh 4:00pm- 5:20pm	Derek Pope	Mathematics 4130	48
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### MAE 312 Micro-Teaching

Note: Offered as MAE 312 and MAE 540

**Final:** Wed. Dec. 11, 5:30pm-8:00pm

S01	84966	8/25	W 2:30pm- 3:50pm	Alaa Abd-El-Hafez	Mathematics 4130	48
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### MAE 447 Directed Readings in Math

Note: offered as MAE 447 and MAE 530

**Final:** Tuesday, Dec. 17, 11:15am-1:45pm

T01	88044	8/25	Tu 2:30pm- 3:20pm	Alaa Abd-El-Hafez		
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**MAE 451 Supervised Student Teaching, Middle School**

Note: Offered as MAE 451 and MAE551

**Final:** No final exam

V01	80610	2/30		Alaa Abd-El-Hafez		
V60	95636	1/30		Natalie Lukas		

**MAE 452 Supervised Student Teaching, High School**

Note: Offered as MAE 452 and MAE 552

**Final:** No final exam

V01	80611	2/30		Alaa Abd-El-Hafez		
V60	95638	1/30		Natalie Lukas		

**MAE 454 Student Teaching Seminar**

Note: Offered as MAE 454 and MAE 554

**Final:** Wed. Dec. 11,  
8:30pm-11:00pm

S02	87612	2/29	W 4:00pm- 6:50pm	Alaa Abd-El-Hafez	Library N3074	29
S60	95640	1/25	W 4:00pm- 6:00pm	Natalie Lukas	301	

**MAE 501 Foundations, Secondary School Math Curriculum**

Note: Offered as MAE 501 and MAE 301

**Final:** Tuesday, Dec. 17,  
11:15am-1:45pm

LEC 01	87156	9/25	TuTh 2:30pm- 3:50pm	Lisa Berger	Mathematics 4130	48
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**MAE 510 Intro to Methods of Teaching**

Note: Offered as MAE 510 and MAE 311

**Final:** Tuesday, Dec. 17,  
2:15pm-5:00pm

LEC 01	84501	9/24	TuTh 4:00pm- 5:20pm	Derek Pope	Mathematics 4130	48
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**MAE 530 Directed Readings and Research**

Note: offered as MAE 447 and MAE 530

**Final:** Tuesday, Dec. 17,  
11:15am-1:45pm

T01	88045	8/25	Tu 2:30pm- 3:20pm	Alaa Abd-El-Hafez		
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**MAE 540 Clinical Experience**

Note: Offered as MAE 540 and MAE 312

**Final:** Wed. Dec. 11,  
5:30pm-8:00pm

S01	84967	8/25	W 2:30pm- 3:50pm	Alaa Abd-El-Hafez	Mathematics 4130	48
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**MAE 551 Supervised Student Teaching, Middle School**

Note: Offered as MAE 551 and MAE 451

**Final:** No final exam

V01	84683	2/30		Alaa Abd-El-Hafez		
V60	95637	1/30		Natalie Lukas		

**MAE 552 Supervised Student Teaching, High School**

Note: Offered as MAE 552 and MAE 452

**Final:** No final exam

V01	84684	2/30		Alaa Abd-El-Hafez		
V60	95639	1/30		Natalie Lukas		

**MAE 554 Student Teaching Seminar**

Note: Offered as MAE 554 and MAE 454

**Final:** Wed. Dec. 11,  
8:30pm-11:00pm

S02	87611	2/29	W 4:00pm- 6:50pm	Alaa Abd-El-Hafez	Library N3074	29
S60	95641	1/25	W 4:00pm- 6:00pm	Natalie Lukas	301	

**MAE 699 Dissertation Research On Campus**

T13	87191	0/10		Lisa Berger		
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# Undergraduate Courses

## MAP 101 Fundamentals of Arithmetic and Algebra

**Final:** Tuesday, Dec. 17,  
2:15pm-5:00pm

LEC 02	88723	24/ 28	TuTh 4:00pm- 5:20pm	Thomas Rico	Frey Hall 112	32
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## MAP 103 Proficiency Algebra

Note: Evening Exams: 8:45pm-10:15pm 9/25, 11/4.

**Final:** Monday, Dec. 16,  
2:15pm-5:00pm

LEC 01	80612	38/ 39	MWF 10:00am-10:53am	Christiane Stidham	Mathematics P131	50
LEC 02	80613	42/ 39	TuTh 11:30am-12:50pm	Thomas Rico	Library E4310	46
LEC 03	80614	27/ 39	TuTh 5:30pm- 6:50pm	Alan Higuera	Library E4310	46
LEC 04	80615	35/ 39	MW 5:30pm- 6:50pm	Mark Lombardi	Harriman Hll 112	62
LEC 05	80616	36/ 38	TuTh 5:30pm- 6:50pm	Thomas Rico	Physics P116	38
LEC 06	80617	38/ 38	MW 4:00pm- 5:20pm	Stephanie Salvator	Harriman Hll 111	48
LEC 07	80618	27/ 34	TuTh 4:00pm- 5:20pm	Mark Lombardi	Earth+Space 183	34
LEC 11	88142	43/ 39	TuTh 1:00pm- 2:20pm	Thomas Rico	Harriman Hll 112	62

## MAT 119 Foundations for Precalculus

Students must also enroll concurrently in MAT123

LEC 01	96148	28/ 27	Th 10:00am-11:20am	Thomas Rico	Frey Hall 316	32
LEC 02	95998	28/ 27	M 2:30pm- 3:50pm	Stephanie Salvator	Physics P128	29
LEC 03	95999	28/ 27	W 2:30pm- 3:50pm	Stephanie Salvator	Physics P128	29
LEC 04	96189	27/ 27	Tu 7:00pm- 8:20pm	Thomas Rico	Physics P116	38
UGTA1	Kristina Gonzalez					
UGTA2	Cassidy Williams					
UGTA3	Sara Scheibert					
UGTA4	Sefaeed Miah					

## MAT 122 Overview of Calculus, with Applications

**Final:** Wed. Dec. 11,  
2:15pm-5:00pm

LEC 01	80619	64/ 78	MWF 11:00am-11:53am	Deb Wertz	Simons Centr 103	250
R01	86668	20/ 26	Tu 4:00pm- 4:53pm	Shamuel Auyeung	Physics P127	38
R02	80620	19/ 26	M 10:00am-10:53am	Roberto Albesiano	Library E4330	71
R03	80621	25/ 26	W 10:00am-10:53am	Roberto Albesiano	Earth+Space 079	50

**MAT 123 Precalculus**

Note: Evening Exams: 8:45pm-10:15pm 10/3, 11/12.

**Final:** Thurs. Dec. 12,  
2:15pm-5:00pm

LEC 01	80622	208/ 217	MW	5:30pm- 6:50pm	Christiane Stidham	Harriman Hill 137	217
R01	87142	37/ 37	Tu	11:30am-12:23pm	Yuhan Sun	Library N4072	37
R02	80625	37/ 38	M	12:00pm-12:53pm	Paul Sweeney	Frey Hall 317	60
R03	80626	39/ 38	W	4:00pm- 4:53pm	Shannon Murphy	Frey Hall 105	60
R04	80627	39/ 38	M	7:00pm- 7:53pm	Mark Lombardi	Library E4320	71
R05	80628	38/ 38	Tu	2:30pm- 3:23pm	Alexandra Viktorova	Library E4310	46
R06	87138	18/ 18	Tu	5:30pm- 6:23pm	Mark Lombardi	Library N4006	39
LEC 02	80623	248/ 250	TuTh	10:00am-11:20am	Deb Wertz	Simons Centr 103	250
R20	87143	39/ 39	M	12:00pm-12:53pm	Mohamed El Alami	Library E4330	71
R21	80629	38/ 38	F	1:00pm- 1:53pm	Nikolaos Stavritis	Library E4310	46
R22	80630	38/ 38	Tu	8:30am- 9:23am	Ying Hong Tham	Library E4330	71
R23	80631	38/ 38	M	1:00pm- 1:53pm	Ajmain Yamin	Earth+Space 079	50
R24	87139	22/ 21	W	4:00pm- 4:53pm	Kristen Pagano	Physics P127	38
R25	87141	35/ 35	W	5:30pm- 6:23pm	Kristen Pagano	Physics P116	38
R26	96224	38/ 37	Th	2:30pm- 3:23pm	Diljit Singh	Physics P127	38
LEC 03	80624	245/ 250	MWF	10:00am-10:53am	David Kahn*	Earth+Space 001	266
R30	84862	30/ 33	Th	8:30am- 9:23am	Yoon-Joo Kim	Mathematics P131	50
R31	87233	32/ 33	Th	5:30pm- 6:23pm	Zhuang Tao	Library N4006	39
R32	84863	33/ 33	M	4:00pm- 4:53pm	Timothy Alland	Harriman Hill 116	62
R33	84864	33/ 33	M	11:00am-11:53am	Mohamed El Alami	Library E4330	71
R34	87140	27/ 33	M	5:30pm- 6:23pm	Chloe Sukkarieh	Library N4072	37
R35	88099	19/ 19	W	11:00am-11:53am	Diljit Singh	Frey Hall 201	60
R36	88769	33/ 33	Th	10:00am-10:53am	Yoon-Joo Kim	Library N4072	37
R37	88774	31/ 31	Tu	1:00pm- 1:53pm	Timothy Alland	Library N3063	31
R38	96328	7/ 18	Tu	8:30am- 9:23am	Shamuel Auyeung	Physics P127	38
LEC 04	95921	167/ 170	MW	8:30am- 9:50am	David Kahn	Simons Centr 103	250
R41	95923	25/ 38	M	1:00pm- 1:53pm	Paul Sweeney	Physics P116	38
R42	95924	18/ 20	Tu	8:30am- 9:23am	Shamuel Auyeung (see R38)	Physics P127	38
R43	95925	19/ 20	W	11:00am-11:53am	Diljit Singh (see R35)	Frey Hall 201	60
R44	95926	35/ 35	Th	12:00pm-12:53pm	Ying Hong Tham	Physics P112	40
R45	96147	18/ 18	W	4:00pm- 4:53pm	Kristen Pagano (see R24)	Physics P127	38
R46	96218	20/ 19	Tu	5:30pm- 6:23pm	Mark Lombardi (see R06)	Library N4006	39
R47	96219	32/ 37	Th	2:30pm- 3:23pm	Zhuang Tao	Earth+Space 069	50
LEC 30	87535	43/ 45	FLEX	1:00am- 1:00am	Deb Wertz	Online	
R40	87534	43/ 45	Tu	8:30am- 9:23am	Stephanie Salvator	Mathematics P131	50
UGTA1	Julia Miguel, Angela Reyes						
UGTA2	Montgomery Carroll, Cassidy Williams						
UGTA3	Max Benitez, Sara Scheibert						
UGTA4	Sara Almodovar, Kristina Gonzalez						

**MAT 125 Calculus A**

Note: Evening Exams: 8:45pm-10:15pm 10/2, 11/4.

**Final:** Wed. Dec. 11,  
2:15pm-5:00pm

LEC 01	80632	268/ 266	MW	5:30pm- 6:50pm	David Kahn*	Earth+Space 001	266
R01	80634	39/ 39	M	10:00am-10:53am	Santai Qu	Earth+Space 079	50
R02	80635	39/ 38	Tu	4:00pm- 4:53pm	Yanbing Gu	Earth+Space 069	50
R03	80636	40/ 38	M	12:00pm-12:53pm	Peiyu Han	Earth+Space 079	50
R04	80637	37/ 38	Th	5:30pm- 6:23pm	Yunpeng Niu	Earth+Space 069	50
R05	80638	38/ 38	M	11:00am-11:53am	David Diaz	Earth+Space 069	50
R06	80639	37/ 38	M	7:00pm- 7:53pm	Yeorgia Kafkoulis	Library E4330	71
R07	87144	38/ 37	W	8:30am- 9:23am	Phway Sandi San	Socbehav Sci N436	40
LEC 02	80633	266/ 266	TuTh	10:00am-11:20am	Siqi He	Earth+Space 001	266
R20	87407	33/ 33	Th	8:30am- 9:23am	Jiahao Hu	Physics P116	38
R21	83614	32/ 32	F	1:00pm- 1:53pm	Manju Prakash	Earth+Space 079	50
R22	83615	36/ 36	W	12:00pm-12:53pm	Stephanie Salvator	Library E4310	46
R23	84546	34/ 33	Th	1:00pm- 1:53pm	Emily Sellitti	Earth+Space 079	50
R24	87145	32/ 33	M	4:00pm- 4:53pm	Mark Lombardi	Library N4072	37
R25	87408	33/ 33	M	5:30pm- 6:23pm	Jared Krandel	Physics P116	38
R26	88573	33/ 33	Tu	11:30am-12:23pm	Mu Zhao	Physics P116	38
R27	88684	33/ 33	Th	11:30am-12:23pm	Jiahao Hu	Library N4072	37
LEC 03	84661	218/ 218	MWF	10:00am-10:53am	Marco Martens	Javits Lectr 102	218
R30	87409	33/ 36	F	1:00pm- 1:53pm	Lisandra Hernandez Vazquez	Library N4072	37
R31	84758	36/ 36	Tu	10:00am-10:53am	Aleksandar Milivojevic	Library E4310	46
R32	84835	37/ 36	W	11:00am-11:53am	Lisandra Hernandez Vazquez	Earth+Space 069	50
R33	87410	38/ 38	Tu	11:30am-12:23pm	Aleksandar Milivojevic	Physics P127	38
R34	87411	36/ 37	Th	4:00pm- 4:53pm	Dahye Cho	Physics P127	38
R35	87146	38/ 36	M	8:30am- 9:23am	Dahye Cho	Physics P127	38
LEC 04	84662	226/ 266	TuTh	5:30pm- 6:50pm	Benjamin Dozier	Earth+Space 001	266
R40	86059	36/ 38	Th	11:30am-12:23pm	Jin-Cheng Guu	Physics P116	38
R41	87412	39/ 38	Tu	2:30pm- 3:23pm	Prithviraj Chowdhury	Earth+Space 069	50
R42	87413	40/ 38	W	4:00pm- 4:53pm	Mark Lombardi	Physics P112	40
R43	87414	38/ 37	W	5:30pm- 6:23pm	Veronica Matedero	Physics P112	40
R45	88101	35/ 38	Tu	11:30am-12:23pm	Jin-Cheng Guu	Physics P130	38
R46	88685	38/ 38	Th	4:00pm- 4:53pm	Prithviraj Chowdhury	Physics P130	38

**MAT 126 Calculus B**

Note: Evening Exams: 8:45pm-10:15pm 10/3, 10/31.

**Final:** Thurs. Dec. 12,  
2:15pm-5:00pm

LEC 01	80640	186/ 217	TuTh 10:00am-11:20am	Raanan Schul*	Javits Lectr 102	218
R01	80642	38/ 38	F 10:00am-10:53am	Manju Prakash	Library E4310	46
R02	80643	42/ 38	Tu 1:00pm- 1:53pm	Ben Wu	Mathematics P131	50
R03	80644	38/ 38	Th 4:00pm- 4:53pm	Holly Chen	Library E4310	46
R04	80645	36/ 38	W 5:30pm- 6:23pm	John Sheridan	Library E4330	71
R05	87151	32/ 37	W 4:00pm- 4:53pm	Yevgeniya Zhukova	Physics P130	38
LEC 02	80641	86/ 151	MWF 10:00am-10:53am	Jingrui Cheng	Simons Centr 103	250
R20	80646	36/ 40	M 12:00pm-12:53pm	Stephanie Salvator	Library E4310	46
R21	80647	29/ 38	Th 10:00am-10:53am	Qianyu Chen	Library E4310	46
R22	87147	21/ 38	Tu 4:00pm- 4:53pm	Holly Chen	Physics P130	38
LEC 03	84865	116/ 183	TuTh 5:30pm- 6:50pm	Mark McLean	Engineering 145	183
R30	86669	36/ 37	M 5:30pm- 6:23pm	Lisa Marquand	Physics P127	38
R31	84866	31/ 34	M 4:00pm- 4:53pm	Matthew Lam	Earth+Space 183	34
R32	84867	34/ 38	Th 2:30pm- 3:23pm	Ben Wu	Library E4310	46
R33	84868	15/ 38	Th 7:00pm- 7:53pm	Matthew Lam	Library E4310	46

**MAT 127 Calculus C**

Note: Evening Exams: 8:45pm-10:15pm 10/2, 11/4.

**Final:** Monday, Dec. 16,  
11:15am-1:45pm

LEC 01	80648	62/ 62	MWF 10:00am-10:53am	Demetre Kazaras	Library E4320	71
LEC 02	86380	57/ 60	MF 1:00pm- 2:20pm	Vardan Oganessian	Library E4320	71
LEC 03	84705	41/ 60	TuTh 10:00am-11:20am	Marie-Louise Michelsohn*	Library E4330	71
grdr 1				Lauren Perrotta		
grdr 2				Hang Yuan		
grdr 3				Hang Yuan		

**MAT 131 Calculus I**

Note: Evening Exams: 8:45pm-10:15pm 10/2, 10/31.

**Final:** Wed. Dec. 11,  
2:15pm-5:00pm

LEC 01	80649	127/ 150	MWF 10:00am-10:53am	Nguyen-Bac Dang	Engineering 145	183
R01	80652	35/ 38	TuTh 1:00pm- 1:53pm	Yinzhe Gao	Frey Hall 201	60
R02	86679	35/ 37	TuTh 8:30am- 9:23am	Paul Frigge	Library N4072	37
R03	87152	24/ 37	WF 4:00pm- 4:53pm	Manju Prakash	Library N4072	37
R04	88762	33/ 38	TuTh 5:30pm- 6:23pm	Yinzhe Gao	Physics P127	38
LEC 02	80650	119/ 149	MW 5:30pm- 6:50pm	William Bernhard*	Frey Hall 104	250
R20	80653	37/ 38	MW 10:00am-10:53am	Yao Xiao	Earth+Space 069	50
R21	81219	36/ 38	MW 4:00pm- 4:53pm	Yao Xiao	Harriman Hill 112	62
R22	80654	46/ 38	TuTh 5:30pm- 6:23pm	Nathan Chen	Library E4320	71
LEC 03	80651	168/ 183	TuTh 10:00am-11:20am	Mikhail Movshev	Engineering 145	183
R30	86075	33/ 37	MW 12:00pm-12:53pm	Manju Prakash	Mathematics P131	50
R31	80655	34/ 37	TuTh 4:00pm- 4:53pm	Nathan Chen	Socbehav Sci S218	40
R32	80656	36/ 37	TuTh 8:30am- 9:23am	Juan Ysimura	Library E4310	46
R33	80657	33/ 37	MF 1:00pm- 1:53pm	Pranav Upadrashta	Library E4330	71
R34	88100	32/ 37	WF 11:00am-11:53am	Juan Ysimura	Physics P116	38

**MAT 132 Calculus II**

Note: Evening Exams: 8:45pm-10:15pm 10/3, 10/31.

**Final:** Thurs. Dec. 12,  
2:15pm-5:00pm

LEC 01	80658	159/ 183	MW 5:30pm- 6:50pm	Babak Modami	Engineering 145	183
R01	80659	36/ 37	TuTh 5:30pm- 6:23pm	Miao Song	Library E4330	71
R02	80660	36/ 37	MW 12:00pm-12:53pm	Owen Mireles Briones	Harriman Hill 112	62
R03	80661	31/ 37	MF 1:00pm- 1:53pm	Mads Villadsen	Harriman Hill 111	48
R04	80662	26/ 37	MW 11:00am-11:53am	Tobias Shin	Earth+Space 079	50
R05	87149	30/ 37	TuTh 5:30pm- 6:23pm	Taras Kolomatski	Physics P130	38
LEC 02	84851	180/ 218	MWF 10:00am-10:53am	Eun Hye Lee	Javits Lectr 110	218
R20	80663	31/ 38	MW 12:00pm-12:53pm	Juan Ysimura	Earth+Space 069	50
R21	83616	29/ 38	TuTh 8:30am- 9:23am	Emily Schaal	Library E4320	71
R22	84852	28/ 38	WF 4:00pm- 4:53pm	Taras Kolomatski	Harriman Hill 116	62
R23	84881	29/ 38	MF 1:00pm- 1:53pm	Saman Habibi Esfahani	Earth+Space 069	50
R24	87150	33/ 34	TuTh 1:00pm- 1:53pm	Runjie Hu	Earth+Space 183	34
R25	87623	30/ 37	TuTh 5:30pm- 6:23pm	Runjie Hu	Library N4072	37
LEC 03	86419	108/ 122	TuTh 10:00am-11:20am	Claude LeBrun*	Lgt Engr Lab 102	122
R30	86420	38/ 39	MW 9:00am- 9:53am	Daniel Brogan	Mathematics P131	50
R31	86670	35/ 37	MW 10:00am-10:53am	Juan Ysimura	Library N4072	37
R32	86671	35/ 38	MF 12:00pm-12:53pm	Saman Habibi Esfahani	Physics P116	38
LEC 04	88102	46/ 50	TuTh 10:00am-11:20am	Holly Chen	Library E4315	50
R40	88103	24/ 25	MW 9:00am- 9:53am	Tobias Shin	Physics P122	25
R41	88104	22/ 25	MF 12:00pm-12:53pm	Mads Villadsen	Physics P122	25

**Final:** Lec 01: Wed Dec.  
11, 8:30pm-11:00pm;  
Lec 02: Thurs. Dec. 19,  
11:15am-1:45pm; and  
Lec 03: Thurs. Dec. 12,  
8:30pm-11:00pm**MAT 200 Logic, Language and Proof**

LEC 01	84831	45/ 45	MW 4:00pm- 5:20pm	Peter Lin	Earth+Space 069	50
LEC 02	84843	38/ 45	TuTh 1:00pm- 2:20pm	Marie-Louise Michelsohn	Earth+Space 069	50
LEC 03	95554	40/ 40	MWF 9:00am- 9:53am	Alena Erchenko	Physics P112	40
grdr 1	Brandon Gontmacher					
grdr 2	Pranav Upadrashta					
grdr 3	El Mehdi Ainasse					

**MAT 203 Calculus III with Applications****Final:** Thurs. Dec. 12,  
2:15pm-5:00pm

LEC 01	80664	140/ 140	MF 1:00pm- 2:20pm	Ruobing Zhang	Harriman Hill 137	217
R01	80665	38/ 37	W 11:00am-11:53am	Siqing Zhang	Library E4330	71
R02	80666	38/ 37	F 12:00pm-12:53pm	Myeongjae Lee	Library E4310	46
R03	87625	35/ 37	Tu 1:00pm- 1:53pm	Holly Chen	Library N4072	37
R04	88599	29/ 37	Th 8:30am- 9:23am	Holly Chen	Physics P127	38
LEC 02	83647	103/ 183	MW 5:30pm- 6:50pm	Julia Viro	Engineering 143	183
R20	83648	21/ 38	W 11:00am-11:53am	Myeongjae Lee	Physics P130	38
R22	86673	21/ 38	F 12:00pm-12:53pm	Juan Ysimura	Physics P127	38
R23	87588	34/ 38	Tu 4:00pm- 4:53pm	Juan Ysimura	Library W4530	39
R24	88006	27/ 32	Th 2:30pm- 3:23pm	Siqing Zhang	Physics P130	38

**MAT 211 Introduction to Linear Algebra**

Note: Not for credit in addition to AMS 210.

**Final:** Wed. Dec. 11,  
2:15pm-5:00pm

LEC 01	80667	54/ 60	MWF 12:00pm-12:53pm	Eun Hye Lee	Library E4320	71
LEC 02	86674	61/ 61	TuTh 11:30am-12:50pm	Yusheng Luo	Library E4320	71
LEC 03	86675	55/ 56	MW 4:00pm- 5:20pm	Jonguk Yang	Physics P113	56
LEC 04	95555	59/ 60	TuTh 4:00pm- 5:20pm	François Greer	Library E4330	71
grdr 1	Jean-François Arbour					
grdr 2	James Seiner					
grdr 3	Miao Song					
grdr 4	Hugo Mainguy					

**MAT 250 Intro to Advanced Mathematics****Final:** Thurs. Dec. 19,  
11:15am-1:45pm

LEC 01	88524	22/ 30	TuTh 1:00pm- 2:20pm	Julia Viro	Physics P117	31
grader	Alexandra Viktorova					

**MAT 303 Calculus IV with Applications****Final:** Tuesday, Dec. 17,  
5:30pm-8:00pm

LEC 01	80668	114/ 150	MWF 12:00pm-12:53pm	Lowell Jones	Harriman Hill 137	217
R01	80669	38/ 38	W 10:00am-10:53am	Marlon de Oliveira Gomes	Library E4330	71
R02	84511	37/ 38	F 1:00pm- 1:53pm	Juan Ysimura	Harriman Hill 104	60
R03	86676	39/ 38	Tu 5:30pm- 6:23pm	Juan Ysimura	Library W4530	39

**MAT 307 Multivariable Calc Linear Alg****Final:** Wed. Dec. 11,  
8:30pm-11:00pm

LEC 01	85791	48/ 48	MW 4:00pm- 5:20pm	Marco Martens	Earth+Space 079	50
R01	85793	22/ 22	M 5:30pm- 6:23pm	Jiasheng Teh	Earth+Space 177	23
R02	95556	26/ 25	Th 4:00pm- 4:53pm	Jordan Rainone	Physics P128	29

**MAT 310 Linear Algebra****Final:** Wed. Dec. 18,  
8:00am-10:45am

LEC 01	80670	91/ 95	MW 8:30am- 9:50am	Andrew Hanlon	Javits Lectr 109	103
R01	84664	32/ 35	Tu 4:00pm- 4:53pm	Ruijie Yang	Library E4310	46
R02	84665	33/ 33	M 10:00am-10:53am	Jae Ho Cho	Earth+Space 181	34
R03	96217	26/ 27	Tu 8:30am- 9:23am	Jae Ho Cho	Earth+Space 183	34

**MAT 311 Number Theory**

Note: Offered as MAT 311 and MAT 521

**Final:** Wed. Dec. 11,  
5:30pm-8:00pm

LEC 01	95557	21/ 38	MW 2:30pm- 3:50pm	Jason Starr	Physics P130	38
grader	Jean-Francois Arbour					

**MAT 312 Applied Algebra**

Note: Offered as MAT 312 and AMS 351

**Final:** Wed. Dec. 18,  
11:15am-1:45pm

LEC 01	81576	52/ 56	TuTh 11:30am-12:50pm	Aleksey Zinger	Physics P113	56
R01	83617	27/ 28	Tu 1:00pm- 1:53pm	Yi Wang	Earth+Space 079	50
R02	83618	25/ 28	W 11:00am-11:53am	Yi Wang	Earth+Space 181	34



**MAT 313 Abstract Algebra**

Note: Offered as MAT 313 and MAT 524

**Final:** Wed. Dec. 18,  
11:15am-1:45pm

LEC 01	80671	46/50	TuTh 11:30am-12:50pm	Mikhail Movshev	Mathematics P131	50
grader	Bowen Zhang					

**MAT 319 Foundations of Analysis****Final:** Thurs. Dec. 19,  
8:00am-10:45am

LEC 01	81674	89/90	TuTh 10:00am-11:20am	Yu Li	Javits Lectr 103	103
R01	81673	60/60	MW 11:00am-11:53am	James Seiner	Library E4320	71
R02	95558	29/29	TuTh 2:30pm- 3:23pm	Ruijie Yang	Physics P129	29

**MAT 320 Introduction to Analysis**

Students should enroll in MAT 319 R 01. After 6 weeks, student will move into MAT 320

**Final:** Thurs. Dec. 19,  
8:00am-10:45am

LEC 01	80672	0/0	TuTh 10:00am-11:20am	David Ebin	Mathematics P131	50
R01	80673	0/0	MW 11:00am-11:53am	Owen Mireles Briones	Mathematics P131	50

**MAT 324 Real Analysis**

Note: Offered as MAT 324 and MAT 522

**Final:** Thurs. Dec. 19,  
8:00am-10:45am

LEC 01	80674	16/34	TuTh 10:00am-11:20am	Dimitrios Ntalampekos	Earth+Space 181	34
grader	Emily Schaal					

**MAT 331 Computer-Assisted Mathematical Problem Solving****Final:** Wed. Dec. 18,  
11:15am-1:45pm

LEC 01	80675	32/32	TuTh 11:30am-12:50pm	Scott Sutherland	Harriman Hll 320	32
grader	Juan Ysimura					

**MAT 336 History of Mathematics****Final:** Lecture 01, Wed.  
Dec. 11, 5:30pm-8:00pm  
and Lecture 02, Monday,  
Dec. 16, 5:30pm-8:00pm

LEC 01	85945	35/32	MW 2:30pm- 3:50pm	C. Denson Hill	Chemistry 128	37
LEC 02	95559	32/32	MW 5:30pm- 6:50pm	C. Denson Hill	Earth+Space 181	34
grader	Joanna Siemion					

**MAT 341 Applied Real Analysis****Final:** Lec 01: Thu. Dec.  
19, 8:00am-10:45am;  
Lec 02: Wed. Dec. 11,  
5:30pm-8:00pm

LEC 01	80676	58/60	TuTh 10:00am-11:20am	Olga Plamenevskaya	Harriman Hll 104	60
LEC 02	88574	51/55	MW 2:30pm- 3:50pm	Xiuxiong Chen	Physics P113	56
grdr 1	Junbang Liu					
grdr 2	Willie Rush Lim					

**MAT 342 Applied Complex Analysis****Final:** Wed. Dec. 18,  
2:15pm-5:00pm

LEC 01	86677	61/62	MWF 10:00am-10:53am	Lowell Jones	Harriman Hll 112	62
grader	Conghan Dong					

**MAT 364 Topology and Geometry**

Offered as MAT 364 and MAT 529

**Final:** Wed. Dec. 18,  
2:15pm-5:00pm

LEC 01	80677	19/34	MWF 10:00am-10:53am	Moira Chas	Earth+Space 183	34
grader	Frederik Benirschke					

**MAT 373 Analysis of Algorithms**

Note: Offered as CSE 373 and MAT 373. Students satisfying prereqs by transfer must provide proof by the start of the semester. Course has an auto waitlist.

**Final:** Tuesday, Dec. 17,  
11:15am-1:45pm

LEC 01	80678	215/215	TuTh 2:30pm- 3:50pm	Steven Skiena	Javits Lectr 102	218
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**MAT 401**

Dessins d' Enfants, Riemann Surfaces and Algebraic Curves

**Final:** Thurs. Dec. 19,  
11:15am-1:45pm

S01	80679	9/15	TuTh 1:00pm- 2:20pm	Lisa Berger	Earth+Space 181	34
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**MAT 444 Experiential Learning**

T01	87258	0/10				
T25	87648	0/10				

**MAT 459 Write Effectively**

T31	96415	3/5		Scott Sutherland		
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**MAT 475 Undergrad Teaching Practicum**

Meets with MAT 598

**Final:** No final exam

T01	80680	4/10	TuTh 8:30am- 9:50am	Marcus Khuri	Mathematics 4130	48
video						

**MAT 487 Indep Study in Special Topics****MAT 495 Honors Thesis**

## Graduate Courses

**MAT 515 Geometry for Teachers****Final:** Wed. Dec. 11,  
8:30pm-11:00pm

LEC 01	81574	18/25	MW 4:00pm- 5:20pm	Dzmitry Dudko	Mathematics 4130	48
grader	Daniel Brogan					

**MAT 516 Probab + Statist for Teachers****Final:** Monday, Dec. 16,  
5:30pm-8:00pm

LEC 01	85751	16/25	MW 5:30pm- 6:50pm	Kevin Sackel	Mathematics 4130	48
grader	Jordan Rainone					

**MAT 521 Introduction to Number Theory**

Note: Offered as MAT 311 and MAT 521

LEC 01	96379	21/38	MW 2:30pm- 3:50pm	Jason Starr	Physics P130	38
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**MAT 522 Introduction to Measure Theory**

Note: Offered as MAT 324 and MAT 522

LEC 01	96381	16/34	TuTh 10:00am-11:20am	Dimitrios Ntalampekos	Earth+Space 181	34
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**MAT 524 Abstract Algebra I**

Note: Offered as MAT 313 and MAT 524

LEC 01	96380	46/50	TuTh 11:30am-12:50pm	Mikhail Movshev	Mathematics P131	50
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**MAT 529 Basic Topology and Geometry**

Offered as MAT 364 and MAT 529

**Final:** Wed. Dec. 18,  
2:15pm-5:00pm

LEC 01	96382	19/34	MWF 10:00am-10:53am	Moira Chas	Earth+Space 183	34
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**MAT 530 Topology, Geometry I****Final:** Wed. Dec. 18,  
2:15pm-5:00pm

LEC 01	80683	25/25	MW 10:00am-11:20am	Oleg Viro	Mathematics 4130	48
grader				Lilya Lyubich		

**MAT 532 Real Analysis I****Final:** Thurs. Dec. 19,  
11:15am-1:45pm

LEC 01	87521	14/25	TuTh 1:00pm- 2:20pm	Dror Varolin	Physics P122	25
grader				Matthew Dannenberg		

**MAT 534 Algebra I****Final:** Thurs. Dec. 19,  
8:00am-10:45am

LEC 01	80684	18/30	TuTh 10:00am-11:20am	Leon Takhtajan	Earth+Space 183	34
grader				Lisa Marquand		

**MAT 541 Algebraic Topology I****Final:** No final exam

LEC 01	88007	5/25	TuTh 11:30am-12:50pm	Olga Plamenevskaya	Mathematics 4130	48
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**MAT 543 Complex Analysis II**

LEC 01	80686	6/25	MW 12:00pm- 1:20pm	Jason Starr	Mathematics 4130	48
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**MAT 544 Algebra III****Final:** No final exam

LEC 01	80685	5/25	TuTh 10:00am-11:20am	Mark De Cataldo	Mathematics 4130	48
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**MAT 545 Complex Geometry****Final:** No final exam

LEC 02	87169	10/20	TuTh 1:00pm- 2:20pm	Aleksey Zinger	Mathematics 4130	48
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**MAT 551 Real Analysis III****Final:** No final exam

LEC 01	88735	3/25	MW 2:30pm- 3:50pm	Robert Hough	Physics P123	25
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**MAT 560 Mathematical Physics I****Final:** No final exam

LEC 02	88676	8/25	MW 10:00am-11:20am	Alexander Kirillov	Physics P122	25
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**MAT 568 Differential Geometry****Final:** No final exam

LEC 01	80687	6/30	TuTh 2:30pm- 3:50pm	Michael Anderson	Earth+Space 183	34
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**MAT 598 Teaching Practicum**

Meets with MAT 475

LEC 01	80688	13/25	TuTh 8:30am- 9:50am	Marcus Khuri	Mathematics 4130	48
TA	Matthew Dannenberg					
video						

**MAT 599 M.A. Research**

Note: S/U grading only.

**MAT 614 Topics in Algebraic Geometry: Elements of Hodge Theory and Hyperkaehler Geometry**

LEC 01	88605	9/20	TuTh 11:30am-12:50pm	Ljudmila Kamenova	Physics P122	25
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**MAT 620 Topics in Topology: Introduction to Symplectic Geometry**

LEC 01	95550	11/25	TuTh 2:30pm- 3:50pm	Mark McLean	Physics P122	25
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**MAT 638 Topics in Real Analysis: Metric Spaces and Mappings Seen at Many Scales**

LEC 01	88607	8/20	TuTh 11:30am-12:50pm	Raanan Schul	Physics P123	25
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**MAT 644 Topics in Differential Geometry: Mass, Scalar Curvature, and ALE manifolds**

LEC 01	86678	8/20	TuTh 1:00pm- 2:20pm	Claude LeBrun	Physics P116	38
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**MAT 682 Advanced Topics in Differential Geometry: Index Theorems for Elliptic Operators**

LEC 01	87523	15/20	TuTh 10:00am-11:20am	Blaine Lawson	Physics P123	25
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**MAT 690 Advanced Topics in Algebraic Geometry: An Introduction to Hodge Modules**

LEC 01	95551	13/19	MW 2:30pm- 3:50pm	Christian Schnell	Physics P129	29
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**MAT 696 Mathematics Seminar**

S01	80690	2/50	F 12:30pm- 2:30pm	Dennis Sullivan	Mathematics 4130	48
S02	85555	0/20	Th 2:30pm- 3:30pm		Mathematics P131	50
S03	85556	0/20	F 4:00pm- 6:20pm		Mathematics P131	50
S04	85557	0/20	W 4:00pm- 5:20pm		Mathematics P131	50
S06	85558	0/20	M 1:00pm- 2:20pm		Mathematics P131	50

**MAT 697 Mathematics Colloquium**

S01	81575	0/20	Th 4:00pm- 6:00pm		Mathematics P131	50
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**MAT 698 Independent Study****MAT 699 Dissertation Research on-Campus****MAT 700 Dissertation off-Campus Domestic****MAT 701 Dissertation off-Campus International**