

# Stony Brook Mathematics

## Schedule of Classes

### Fall 2018

First Day of Classes	Monday, August 27, 2018
Last Day to drop w/o tuition liability	Sunday, August 26, 2018
Last Day to withdraw without a W	Monday, September 10, 2018
Last Day to add classes/swaps	Monday, September 10, 2018
Fall Break/ NO CLASSES	Monday, October 8, 2018 and Tuesday, October 9, 2018
Last Day to switch (Drop-down/Move-up) from MAT 122, 123, 125, 126, 127, 131, 132, 171 MAP or MAT course	Friday, October 12, 2018
Last Day for section changes	Friday, October 26, 2018
Last Day to Withdraw or GPNC	Friday, October 26, 2018
Last Day of Classes	Monday, December 10, 2018
Final Exams	Wednesday, December 12, 2018 to Thursday, December 20, 2018
Commencement	Friday, December 21, 2018
Please Note	* indicates course coordinator
Last Revised	Thursday, December 13, 2018 at 12:43 PM

## Mathematics Education Courses

### MAE 301 Foundations of Secondary School Mathematics

Note: Offered as MAE 301 and MAE 501

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

LEC 01	88128	13/25	TuTh 2:30pm- 3:50pm	Lisa Berger	Mathematics 4130	48
--------	-------	-------	---------------------	-------------	------------------	----

### MAE 311 Intro. to Methods of Teaching Secondary School Math

Note: Offered as MAE 311 and MAE 510

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

LEC 01	80665	13/25	TuTh 4:00pm- 5:20pm	Derek Pope	Earth+Space 081	48
--------	-------	-------	---------------------	------------	-----------------	----

### MAE 312 Micro-Teaching

Note: Offered as MAE 312 and MAE 540

S01	85548	5/25	W 2:30pm- 3:50pm	Alaa Abd-El-Hafez	Mathematics 4130	48
-----	-------	------	------------------	-------------------	------------------	----

### MAE 447 Directed Readings in Math

Note: offered as MAE 447 and MAE 530

T01	89335	5/25	Tu 2:30pm- 3:20pm	Alaa Abd-El-Hafez	Physics P125	25
-----	-------	------	-------------------	-------------------	--------------	----

### MAE 451 Supervised Student Teaching, Middle School

Note: Offered as MAE 451 and MAE551

V01	80666	4/30		Alaa Abd-El-Hafez		
V60	96531	1/26		Natalie Lukas		

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

Note: Offered as MAE 452 and MAE 552

V01	80667	4/30		Alaa Abd-El-Hafez		
V60	96532	1/26		Natalie Lukas		

**MAE 454 Student Teaching Seminar**

Note: Offered as MAE 454 and MAE 554

S02	88705	4/29	W	4:00pm- 6:50pm	Alaa Abd-El-Hafez	Physics P129	29
S60	96533	1/26	W	4:00pm- 6:50pm	Natalie Lukas	TBD	20

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

Note: Offered as MAE 501 and MAE 301

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

LEC 01	88129	13/25	TuTh	2:30pm- 3:50pm	Lisa Berger	Mathematics 4130	48
--------	-------	-------	------	----------------	-------------	------------------	----

**MAE 510 Intro to Methods of Teaching**

Note: Offered as MAE 510 and MAE 311

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

LEC 01	85050	13/25	TuTh	4:00pm- 5:20pm	Derek Pope	Earth+Space 081	48
--------	-------	-------	------	----------------	------------	-----------------	----

**MAE 530 Directed Readings and Research**

Note: offered as MAE 447 and MAE 530

T01	89336	5/25	Tu	2:30pm- 3:20pm	Alaa Abd-El-Hafez	Physics P125	25
-----	-------	------	----	----------------	-------------------	--------------	----

**MAE 540 Clinical Experience**

Note: Offered as MAE 540 and MAE 312

S01	85549	5/25	W	2:30pm- 3:50pm	Alaa Abd-El-Hafez	Mathematics 4130	48
-----	-------	------	---	----------------	-------------------	------------------	----

**MAE 551 Supervised Student Teaching, Middle School**

Note: Offered as MAE 551 and MAE 451

V01	85236	4/30		Alaa Abd-El-Hafez		
V60	96978	1/26		Natalie Lukas		

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

Note: Offered as MAE 552 and MAE 452

V01	85237	4/30		Alaa Abd-El-Hafez		
V60	96979	1/26		Natalie Lukas		

**MAE 554 Student Teaching Seminar**

Note: Offered as MAE 554 and MAE 454

S02	88704	4/29	W	4:00pm- 6:50pm	Alaa Abd-El-Hafez	Physics P129	29
S60	96980	1/26	W	4:00pm- 6:50pm	Natalie Lukas	TBD	20

**MAE 699 Dissertation Research On Campus**

T13	88171	0/10		Lisa Berger		
-----	-------	------	--	-------------	--	--

# Undergraduate Courses

## MAP 101 Fundamentals of Arithmetic and Algebra

**Final:** Lecture 01 Wed.  
Dec. 12, 5:30pm-8:00pm  
and Lecture 02 Tuesday,  
Dec. 18, 2:15pm-5:00pm

LEC 01	88136	18/ 19	MW 2:30pm- 3:50pm	Thomas Rico	Physics P122	25
LEC 02	97019	13/ 19	TuTh 4:00pm- 5:20pm	Thomas Rico	Physics P127	38

## MAP 103 Proficiency Algebra

Note: Evening Exams: 8:45pm-10:15pm 9/26, 11/5.

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

LEC 01	80668	34/ 37	MW 10:00am-11:20am	Stephanie Salvator	Library E4310	46
LEC 02	80669	33/ 37	TuTh 11:30am-12:50pm	Stephanie Salvator	Library E4310	46
LEC 03	80670	32/ 36	MW 5:30pm- 6:50pm	Mark Lombardi	Harriman Hll 111	48
LEC 04	80671	28/ 36	MW 5:30pm- 6:50pm	Jeremy Kline	Library E4310	46
LEC 05	80672	30/ 36	TuTh 5:30pm- 6:50pm	Thomas Rico	Library E4310	46
LEC 06	80673	31/ 36	MW 4:00pm- 5:20pm	Thomas Rico	Library E4310	46
LEC 07	80674	8/ 36	MW 7:00pm- 8:20pm	Jeremy Kline	Library E4310	46
LEC 08	87261	31/ 36	TuTh 2:30pm- 3:50pm	Stephanie Salvator	Physics P130	38
LEC 11	89472	32/ 36	TuTh 1:00pm- 2:20pm	Thomas Rico	Library N4072	37
LEC 12	89474	27/ 36	TuTh 4:00pm- 5:20pm	Alan Higuera	Physics P130	38

## MAT 122 Overview of Calculus, with Applications

**Final:** Thursday,  
Dec. 13,  
11:15am-1:45pm

LEC 01	80675	1+115/ 152	MWF 11:00am-11:53am	David Kahn	Simons Centr 103	250
R01	87560	1+38/ 38	Tu 4:00pm- 4:53pm	Stephanie Salvator	Library N4006	39
R02	80676	39/ 38	M 10:00am-10:53am	Zhuang Tao	Earth+Space 079	50
R03	80677	38/ 38	W 10:00am-10:53am	Zhuang Tao	Harriman Hll 116	62

**MAT 123 Precalculus**

Note: Evening Exams: 8:45pm-10:15pm 10/10, 11/13.

**Final:** Thursday,  
Dec. 13, 2:15pm-5:00pm

LEC 01	80678	1+250/ 250	MW 5:30pm- 6:50pm	William Bernhard*	Frey Hall 100	250
R01	88114	37/ 37	Tu 11:30am-12:23pm	Paul Frigge	Library N4072	37
R02	80681	38/ 38	M 12:00pm-12:53pm	Xinyu Xu	Earth+Space 079	50
R03	80682	39/ 38	W 4:00pm- 4:53pm	Mark Lombardi	Earth+Space 079	50
R04	80683	1+38/ 38	M 7:00pm- 7:53pm	Mark Lombardi	Library E4320	71
R05	80684	1+38/ 37	Tu 2:30pm- 3:23pm	Paul Frigge	Library E4310	46
R06	88110	38/ 38	Tu 5:30pm- 6:23pm	Saman Habibi Esfahani	Physics P116	38
R07	97139	35/ 37	Th 10:00am-10:53am	Stephanie Salvator	Library N4072	37
LEC 02	80679	231/ 250	TuTh 10:00am-11:20am	Siqi He	Simons Centr 103	250
R20	88115	37/ 37	M 12:00pm-12:53pm	Christiane Stidham	Physics P112	40
R21	80685	40/ 38	F 1:00pm- 1:53pm	Christiane Stidham	Earth+Space 079	50
R22	80686	38/ 38	Tu 8:30am- 9:23am	Ying Hong Tham	Library E4330	71
R23	80687	1+39/ 38	M 1:00pm- 1:53pm	Lisa Marquand	Earth+Space 069	50
R24	88111	39/ 38	W 4:00pm- 4:53pm	Huan Chen	Physics P112	40
R25	88113	38/ 38	W 5:30pm- 6:23pm	Huan Chen	Physics P112	40
LEC 03	80680	266/ 266	MWF 10:00am-10:53am	Christiane Stidham	Earth+Space 001	266
R30	85429	37/ 37	Th 8:30am- 9:23am	Ying Hong Tham	Mathematics P131	50
R31	88217	37/ 37	Th 5:30pm- 6:23pm	Alexandra Viktorova	Physics P116	38
R32	85430	37/ 37	M 4:00pm- 4:53pm	Xinyu Xu	Harriman Hll 108	60
R33	85431	36/ 37	M 11:00am-11:53am	Lisa Marquand	Library E4330	71
R34	88112	37/ 37	M 5:30pm- 6:23pm	Alexandra Viktorova	Physics P130	38
R35	89419	37/ 37	W 11:00am-11:53am	Saman Habibi Esfahani	Physics P116	38
R36	97140	35/ 37	Th 10:00am-10:53am	Stephanie Salvator	Library N4072	37
R37	97154	28/ 31	Tu 1:00pm- 1:53pm	Aaron Ackbarali	Physics P130	38
LEC 30	88616	46/ 45	FLEX 1:00am- 1:00am	Deb Wertz	Online	
R40	88615	46/ 45	Tu 8:30am- 9:23am	Stephanie Salvator	Mathematics P131	50

**MAT 125 Calculus A**

Evening Exams: 8:45pm-10:15pm 10/2, 10/29.

**Final:** Thursday,

Dec. 13,

11:15am-1:45pm

LEC 01	80688	241/ 250	MW	5:30pm- 6:50pm	Dimitrios Ntalampekos	Earth+Space 001	266
R01	80690	36/ 36	M	10:00am-10:53am	Dahye Cho	Harriman Hill 108	60
R02	80691	36/ 36	Tu	4:00pm- 4:53pm	Nguyen-Bac Dang	Earth+Space 069	50
R03	80692	35/ 36	M	12:00pm-12:53pm	Timothy Ryan	Harriman Hill 112	62
R04	80693	36/ 36	Th	5:30pm- 6:23pm	Avery Averill	Library E4330	71
R05	80694	36/ 36	M	11:00am-11:53am	Timothy Ryan	Earth+Space 079	50
R06	80695	37/ 36	M	7:00pm- 7:53pm	Daniel Brogan	Library E4330	71
R07	88117	25/ 31	W	8:30am- 9:23am	Dahye Cho	Physics P117	31
LEC 02	80689	266/ 266	TuTh	10:00am-11:20am	Marco Martens*	Earth+Space 001	266
R20	88451	30/ 36	Th	8:30am- 9:23am	Avery Averill	Physics P116	38
R21	84136	36/ 36	F	1:00pm- 1:53pm	Yi Wang	Earth+Space 069	50
R22	84137	35/ 36	W	12:00pm-12:53pm	Ruijie Yang	Earth+Space 069	50
R23	85096	36/ 36	Th	1:00pm- 1:53pm	Frederik Benirschke	Library E4310	46
R24	88118	37/ 37	M	4:00pm- 4:53pm	Manju Prakash	Physics P127	38
R25	88452	18/ 37	M	5:30pm- 6:23pm	Manju Prakash	Physics P127	38
R26	94872	37/ 37	Tu	11:30am-12:23pm	Deb Wertz	Physics P116	38
R27	96700	37/ 37	Th	11:30am-12:23pm	Deb Wertz	Earth+Space 069	50
LEC 03	85213	1+217/ 218	MWF	10:00am-10:53am	Timothy Ryan	Javits Lectr 110	218
R30	88453	1+36/ 36	F	1:00pm- 1:53pm	Manju Prakash	Library N4072	37
R31	85317	37/ 36	Tu	10:00am-10:53am	Santai Qu	Library E4310	46
R32	85400	34/ 36	W	11:00am-11:53am	Santai Qu	Earth+Space 079	50
R33	88454	1+37/ 37	Tu	11:30am-12:23pm	Taras Kolomatski	Physics P127	38
R34	88455	37/ 37	Th	4:00pm- 4:53pm	Frederik Benirschke	Library N4006	39
R35	88119	36/ 36	M	8:30am- 9:23am	Yi Wang	Library N4072	37
LEC 04	85214	1+209/ 266	TuTh	5:30pm- 6:50pm	Jason Starr	Earth+Space 001	266
R40	86877	36/ 36	Th	11:30am-12:23pm	Jacob Mazor	Library N4072	37
R41	88456	1+36/ 38	Tu	2:30pm- 3:23pm	Nguyen-Bac Dang	Physics P127	38
R42	88457	36/ 36	W	4:00pm- 4:53pm	Diljit Singh	Physics P130	38
R43	88458	34/ 36	W	5:30pm- 6:23pm	Emily Schaal	Physics P116	38
R45	89422	31/ 36	Tu	11:30am-12:23pm	James Seiner	Physics P130	38
R46	96701	36/ 37	Th	4:00pm- 4:53pm	Jaroslawn Jaracz	Library N4072	37

**MAT 126 Calculus B**

Note: Evening Exams: 8:45pm-10:15pm 10/1, 11/1.

**Final:** Thursday,  
Dec. 13, 2:15pm-5:00pm

LEC 01	80696	182/ 217	TuTh	10:00am-11:20am	Scott Sutherland*	Harriman Hill 137	217
R01	80698	37/ 38	F	10:00am-10:53am	Jiahao Hu	Library E4310	46
R02	80699	38/ 38	Tu	1:00pm- 1:53pm	Aleksander Doan	Mathematics P131	50
R03	80700	37/ 38	Th	4:00pm- 4:53pm	Stephanie Salvator	Library E4310	46
R04	80701	35/ 38	W	5:30pm- 6:23pm	Jin-Cheng Guu	Earth+Space 069	50
R05	88124	35/ 37	W	4:00pm- 4:53pm	Jin-Cheng Guu	Physics P116	38
LEC 02	80697	1+116/ 151	MWF	10:00am-10:53am	David Kahn	Simons Centr 103	250
R20	80702	40/ 38	M	12:00pm-12:53pm	Holly Chen	Earth+Space 069	50
R21	80703	2+38/ 38	Th	10:00am-10:53am	Jiahao Hu	Library E4310	46
R22	88120	38/ 38	Tu	4:00pm- 4:53pm	Yuhan Sun	Library W4530	39
LEC 03	85432	117/ 183	TuTh	5:30pm- 6:50pm	Scott Sutherland	Engineering 143	183
R30	87561	27/ 37	M	5:30pm- 6:23pm	Paul Sweeney	Physics P116	38
R31	85433	33/ 38	M	4:00pm- 4:53pm	Holly Chen	Earth+Space 079	50
R32	85434	33/ 38	Th	2:30pm- 3:23pm	Yao Xiao	Library E4310	46
R33	85435	24/ 38	Th	7:00pm- 7:53pm	Yuhan Sun	Library E4310	46

**MAT 127 Calculus C**

Note: Evening Exams: 8:45pm-10:15pm 9/6, 10/2, 10/29.

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

LEC 01	80704	38/ 60	MWF	10:00am-10:53am	Chuanhao Wei	Library E4320	71
LEC 02	87240	45/ 60	MF	1:00pm- 2:20pm	Jingrui Cheng	Library E4320	71
LEC 03	85258	59/ 60	TuTh	10:00am-11:20am	Sabyasachi Mukherjee*	Library E4330	71
LEC 04	87564	37/ 60	TuTh	5:30pm- 6:50pm	Babak Modami	Library W4540	70
grdr 2					Runjie Hu		
grdr 3					Myeongjae Lee		
grdr 1					Yinzhe Gao		

**MAT 131 Calculus I**

Evening Exams: 8:45pm-10:15pm 9/6, 10/1, 11/1.

**Final:** Thursday,  
Dec. 13,  
11:15am-1:45pm

LEC 01	80705	147/ 149	MWF	10:00am-10:53am	Benjamin McMillan	Engineering 143	183
R01	80708	1+39/ 38	TuTh	1:00pm- 1:53pm	Jordan Rainone	Frey Hall 305	52
R02	87571	36/ 37	TuTh	8:30am- 9:23am	Benjamin Sokolowsky	Library N4072	37
R03	88125	36/ 37	WF	4:00pm- 4:53pm	Holly Chen	Library N4006	39
R04	97105	36/ 38	TuTh	5:30pm- 6:23pm	Xujia Chen	Physics P112	40
LEC 02	80706	1+145/ 149	MW	5:30pm- 6:50pm	Holly Chen	Engineering 145	183
R20	80709	36/ 38	MW	10:00am-10:53am	Juan Ysimura	Harriman Hill 112	62
R21	81307	1+38/ 38	MW	4:00pm- 4:53pm	Shamuel Auyeung	Earth+Space 069	50
R22	80710	36/ 38	TuTh	5:30pm- 6:23pm	Edward Bryden	Earth+Space 079	50
R23	88121	35/ 38	TuTh	5:30pm- 6:23pm	Selin Taşkent	Physics P127	38
LEC 03	80707	180/ 183	TuTh	10:00am-11:20am	Deb Wertz*	Engineering 143	183
R30	86897	1+36/ 37	MW	12:00pm-12:53pm	Shamuel Auyeung	Mathematics P131	50
R31	80711	38/ 37	TuTh	4:00pm- 4:53pm	Jordan Rainone	Earth+Space 079	50
R32	80712	36/ 37	TuTh	8:30am- 9:23am	Juan Ysimura	Library E4320	71
R33	80713	36/ 37	MF	1:00pm- 1:53pm	Holly Chen	Harriman Hill 111	48
R34	89420	34/ 37	WF	11:00am-11:53am	Juan Ysimura	Physics P112	40

**MAT 132 Calculus II**

Note: Evening Exams: 8:45pm-10:15pm 10/1, 11/1.

**Final:** Thursday,  
Dec. 13, 2:15pm-5:00pm

LEC 01	80714	129/ 180	MW 5:30pm- 6:50pm	Benjamin Sibley	Javits Lectr 102	218
R01	80715	28/ 36	TuTh 5:30pm- 6:50pm	Jean-François Arbour	Physics P130	38
R02	80716	33/ 36	MW 12:00pm-12:53pm	John Sheridan	Library E4330	71
R03	80717	24/ 36	MF 1:00pm- 1:53pm	Juan Ysimura	Library E4330	71
R04	80718	29/ 36	MW 11:00am-11:53am	John Sheridan	Earth+Space 069	50
R05	88122	21/ 36	TuTh 5:30pm- 6:23pm	Aleksandar Milivojevic	Library E4320	71
LEC 02	85416	169/ 217	MWF 10:00am-10:53am	Demetre Kazaras	Harriman Hll 137	217
R20	80719	35/ 38	MW 12:00pm-12:53pm	El Mehdi Ainasse	Library E4310	46
R21	84138	36/ 36	TuTh 8:30am- 9:23am	Aleksandar Milivojevic	Library E4310	46
R22	85417	18/ 36	WF 4:00pm- 4:53pm	Zhaoqi Zhang	Harriman Hll 108	60
R23	85459	36/ 36	MF 1:00pm- 1:53pm	Marlon de Oliveira Gomes	Library E4310	46
R24	88123	33/ 34	TuTh 1:00pm- 1:53pm	Jean-François Arbour	Physics P127	38
R25	88720	28/ 36	TuTh 5:30pm- 6:50pm	Jean-François Arbour	Physics P130	38
LEC 03	87288	105/ 113	TuTh 10:00am-11:20am	Alexander Kirillov*	Lgt Engr Lab 102	122
R30	87289	36/ 38	MW 9:00am- 9:53am	El Mehdi Ainasse	Mathematics P131	50
R31	87562	33/ 34	MW 10:00am-10:53am	Timothy Alland	Physics P116	38
R32	87563	36/ 36	MF 12:00pm-12:53pm	Marlon de Oliveira Gomes	Physics P116	38
LEC 04	89423	45/ 50	TuTh 10:00am-11:20am	Yu Li	Library E4315	50
R40	89424	23/ 25	MW 9:00am- 9:53am	Timothy Alland	Physics P122	25
R41	89425	22/ 25	MF 12:00pm-12:53pm	Juan Ysimura	Physics P122	25

**Final:** Lecture 01 Wed.  
Dec. 12,  
8:30pm-11:00pm and  
Lecture 02 Thursday,  
Dec. 20,  
11:15am-1:45pm**MAT 200 Logic, Language and Proof**

LEC 01	85396	4+58/ 55	MW 4:00pm- 5:20pm	Jozef Bodn+acute; r	Harriman Hll 112	62
LEC 02	85408	43/ 50	TuTh 1:00pm- 2:20pm	Marie-Louise Michelsohn	Library E4320	71
grdr 2				Xuntao Hu		
grdr 1				Roberto Albesiano		

**MAT 203 Calculus III with Applications****Final:** Thursday,  
Dec. 13, 2:15pm-5:00pm

LEC 01	80720	131/ 140	MF 1:00pm- 2:20pm	Anthony Phillips	Earth+Space 001	266
R01	80721	37/ 37	W 11:00am-11:53am	Jae Ho Cho	Library E4330	71
R02	80722	37/ 37	F 12:00pm-12:53pm	Jae Ho Cho	Earth+Space 069	50
R03	88722	36/ 37	Tu 1:00pm- 1:53pm	Michael Albanese	Physics P116	38
R04	95069	21/ 37	Th 8:30am- 9:23am	Jiasheng Teh	Physics P127	38
LEC 02	84170	148/ 183	TuTh 5:30pm- 6:50pm	Dror Varolin	Engineering 145	183
R20	84171	32/ 38	W 5:30pm- 6:23pm	Jiasheng Teh	Earth+Space 079	50
R21	84886	28/ 38	M 5:30pm- 6:23pm	Yoon-Joo Kim	Earth+Space 079	50
R22	87565	27/ 38	F 12:00pm-12:53pm	Lisandra Hernandez Vazquez	Physics P130	38
R23	88677	35/ 38	Tu 4:00pm- 4:53pm	Yoon-Joo Kim	Physics P112	40
R24	89292	26/ 32	Th 2:30pm- 3:23pm	Lisandra Hernandez Vazquez	Physics P127	38

**MAT 211 Introduction to Linear Algebra**

Note: Not for credit in addition to AMS 210.

**Final:** Thursday,

Dec. 13,

11:15am-1:45pm

LEC 01	80723	71/ 71	MWF 12:00pm-12:53pm	Fran+#231; ois Greer	Library E4320	71
LEC 02	87566	68/ 70	TuTh 11:30am-12:50pm	Marie-Louise Michelsohn	Library W4540	70
LEC 03	87567	69/ 70	MW 4:00pm- 5:20pm	Moira Chas	Library W4540	70
grdr 3				Siqing Zhang		
grdr 1				Qwen Mireles Briones		
grdr 2				Miao Song		

**MAT 250 Intro to Advanced Mathematics****Final:** Thursday,

Dec. 20,

11:15am-1:45pm

LEC 01	94799	18/ 30	TuTh 1:00pm- 2:20pm	Julia Viro	Frey Hall 216	30
grdr 1				Pranav Upadrashta		

**MAT 303 Calculus IV with Applications****Final:** Monday, Dec. 17,

11:15am-1:45pm

LEC 01	80724	113/ 150	MWF 12:00pm-12:53pm	Marcus Khuri	Harriman Hill 137	217
R01	80725	40/ 40	W 10:00am-10:53am	Matthew Dannenberg	Earth+Space 079	50
R02	85060	35/ 35	F 1:00pm- 1:53pm	Hang Yuan	Harriman Hill 104	60
R03	87568	23/ 35	Tu 5:30pm- 6:23pm	Matthew Dannenberg	Library W4530	39
R04	87613	15/ 35	W 7:00pm- 7:53pm	Hang Yuan	Library E4320	71

**MAT 307 Multivariable Calc Linear Alg****Final:** Wed. Dec. 12,

8:30pm-11:00pm

LEC 01	86407	43/ 47	MW 4:00pm- 5:20pm	Vardan Oganessian	Library W4535	48
R01	86409	43/ 47	M 5:30pm- 6:23pm	Vardan Oganessian	Earth+Space 069	50

**MAT 310 Linear Algebra****Final:** Wed. Dec. 19,

8:00am-10:45am

LEC 01	80726	1+72/ 72	MW 8:30am- 9:50am	Lowell Jones	Lgt Engr Lab 102	122
R01	85217	40/ 41	Tu 4:00pm- 4:53pm	Mohamed El Alami	Library E4310	46
R02	85218	1+32/ 34	M 10:00am-10:53am	Mohamed El Alami	Earth+Space 181	34

**MAT 312 Applied Algebra**

Note: Offered as MAT 312 and AMS 351

**Final:** Wed. Dec. 19,

11:15am-1:45pm

LEC 01	81670	50/ 50	TuTh 11:30am-12:50pm	Robert Lazarsfeld	Mathematics P131	50
R01	84139	23/ 24	Tu 1:00pm- 1:53pm	Qianyu Chen	Library E4310	46
R02	84140	26/ 25	W 11:00am-11:53am	Ruijie Yang	Earth+Space 181	34

**MAT 313 Abstract Algebra****Final:** Wed. Dec. 19,

11:15am-1:45pm

LEC 01	80727	31/ 29	TuTh 11:30am-12:50pm	David Ebin	Earth+Space 181	34
grader				Mads Villadsen		



**MAT 319 Foundations of Analysis****Final:** Thursday,  
Dec. 20,  
8:00am-10:45am

LEC 01	81781	71/71	TuTh 10:00am-11:20am	Lisa Berger	Library E4320	71
R01	81780	71/71	MW 11:00am-11:53am	Prithviraj Chowdhury	Library E4320	71

**MAT 320 Introduction to Analysis**

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

**Final:** Thursday,  
Dec. 20,  
8:00am-10:45am

LEC 01	80728	0/0	TuTh 10:00am-11:20am	Samuel Grushevsky	Mathematics P131	50
R01	80729	0/0	MW 11:00am-11:53am	Jack Burkart	Mathematics P131	50

**MAT 324 Real Analysis****Final:** Thursday,  
Dec. 20,  
8:00am-10:45am

LEC 01	80730	14/25	TuTh 10:00am-11:20am	Mark McLean	Physics P124	25
grader				Prithviraj Chowdhury		

**MAT 331 Computer-Assisted Mathematical Problem Solving****Final:** Wed. Dec. 19,  
11:15am-1:45pm

LEC 01	80731	35/30	TuTh 11:30am-12:50pm	Christopher Bishop	Mathematics S235S	43
grader				Zhongshan An		

**MAT 336 History of Mathematics****Final:** Wed. Dec. 12,  
5:30pm-8:00pm

LEC 01	86753	4+32/32	MW 2:30pm- 3:50pm	C. Denson Hill	Physics P127	38
--------	-------	---------	-------------------	----------------	--------------	----

**MAT 341 Applied Real Analysis****Final:** Lecture 01  
Thursday, Dec. 20,  
8:00am-10:45am and  
Lecture 02 Wed.  
Dec. 12, 5:30pm-8:00pm

LEC 01	80732	60/60	TuTh 10:00am-11:20am	Leon Takhtajan	Harriman Hll 116	62
LEC 02	94873	50/50	MW 2:30pm- 3:50pm	Mikhail Movshev	Library E4315	50
grader 2				Fangyu Zou		
grader 1				Zhongshan An		

**MAT 342 Applied Complex Analysis****Final:** Wed. Dec. 19,  
2:15pm-5:00pm

LEC 01	87569	50/50	MWF 10:00am-10:53am	Mikhail Lyubich	Mathematics P131	50
grader				Lilya Lyubich		

**MAT 364 Topology and Geometry**

Offered as MAT 364 and MAT 529

**Final:** Wed. Dec. 19,  
2:15pm-5:00pm

LEC 01	80733	27/29	MWF 10:00am-10:53am	Moira Chas	Earth+Space 183	34
grader				Xuntao Hu		

**MAT 371 Logic**

Note: Offered as MAT 371 and CSE 371. P/NC grading option not available.

**Final:** Monday, Dec. 17,  
5:30pm-8:00pm

LEC 01	81671	49/65	MW 5:30pm- 6:50pm	Anita Wasilewska	Library E4320	71
--------	-------	-------	-------------------	------------------	---------------	----

**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:** Thursday,  
Dec. 20,  
11:15am-1:45pm

LEC 01	80734	219/218	TuTh 1:00pm- 2:20pm	Steven Skiena	Javits Lectr 102	218
--------	-------	---------	---------------------	---------------	------------------	-----

**MAT 401 Seminar in Mathematics: Introduction to Enumerative Geometry****Final:** Thursday,  
Dec. 20,  
11:15am-1:45pm

S01	80735	9/25	TuTh 1:00pm- 2:20pm	Aleksey Zinger	Earth+Space 181	34
-----	-------	------	---------------------	----------------	-----------------	----

**MAT 444 Experiential Learning**

T01	88247	0/10				
T25	88752	0/10				

**MAT 459 Write Effectively**

T02	89438	2/10		Christopher Bishop		
-----	-------	------	--	--------------------	--	--

**MAT 475 Undergrad Teaching Practicum**

Note: S/U grading only.

T01	80736	0/10		Samuel Grushevsky		
video						

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

## Graduate Courses

**MAT 511 Fundamental Concepts of Math****Final:** Thursday,  
Dec. 13, 5:30pm-8:00pm

LEC 01	80738	18/15	TuTh 5:30pm- 6:50pm	Julia Viro	Mathematics 4130	48
grader				Aaron Ackbarali		

**MAT 515 Geometry for Teachers****Final:** Monday, Dec. 17,  
5:30pm-8:00pm

LEC 01	81668	10/25	MW 5:30pm- 6:50pm	David Ebin	Mathematics 4130	48
grader				Apratim Chakraborty		

**MAT 516 Probab + Statist for Teachers****Final:** Wednesday,  
Dec. 12,  
8:30pm-11:00pm

LEC 01	86363	10/25	MW 4:00pm- 5:20pm	C. Denson Hill	Mathematics 4130	48
grader						

**MAT 530 Topology, Geometry I****Final:** Wed. Dec. 19,  
2:15pm-5:00pm

LEC 01	80739	26/25	MW 10:00am-11:20am	Lowell Jones	Mathematics 4130	48
grader				Mu Zhao		

**MAT 532 Real Analysis I****Final:** Thursday,  
Dec. 20,  
11:15am-1:45pm

LEC 01	88597	27/25	TuTh 1:00pm- 2:20pm	Christopher Bishop	Earth+Space 183	34
grader				Jack Burkart		

**MAT 534 Algebra I****Final:** Thursday,  
Dec. 20,  
8:00am-10:45am

LEC 01	80740	25/30	TuTh 10:00am-11:20am	Christian Schnell	Earth+Space 183	34
grader				Qianyu Chen		

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

LEC 01	89293	7/25	TuTh 10:00am-11:20am	Blaine Lawson	Physics P122	25
--------	-------	------	----------------------	---------------	--------------	----

**MAT 543 Complex Analysis II****Final:** No final exam

LEC 01	80742	4/25	TuTh 11:30am-12:50pm	Eric Bedford	Mathematics 4130	48
--------	-------	------	----------------------	--------------	------------------	----

**MAT 544 Algebra III****Final:** No final exam

LEC 01	80741	7/25	TuTh 10:00am-11:20am	Ljudmila Kamenova	Mathematics 4130	48
--------	-------	------	----------------------	-------------------	------------------	----

**MAT 545 Complex Geometry****Final:** No final exam

LEC 02	88146	4/20	TuTh 1:00pm- 2:20pm	Mark De Cataldo	Mathematics 4130	48
--------	-------	------	---------------------	-----------------	------------------	----

**MAT 551 Real Analysis III****Final:** No final exam

LEC 01	97067	4/25	MW 2:30pm- 3:50pm	Marcus Khuri	Earth+Space 079	50
--------	-------	------	-------------------	--------------	-----------------	----

**MAT 560 Mathematical Physics I**

Wednesdays class will meet in 4-130 from 11:30am-12:50pm

**Final:** No final exam

LEC 02	96671	2/25	MW 1:00pm- 2:20pm	Mikhail Movshev	Mathematics 4130	48
--------	-------	------	-------------------	-----------------	------------------	----

**MAT 568 Differential Geometry****Final:** No final exam

LEC 01	80743	8/30	TuTh 2:30pm- 3:50pm	Xiuxiong Chen	Earth+Space 183	34
--------	-------	------	---------------------	---------------	-----------------	----

**MAT 598 Teaching Practicum****Final:** No final exam

LEC 01	80745	16/ 25	TuTh 8:30am- 9:50am	Samuel Grushevsky	Mathematics 4130	48
TA				Silvia Ghinassi		
video				Mu Zhao		

**MAT 599 M.A. Research**

Note: S/U grading only.

**MAT 608 Topics in Number Theory: Topics in analytic number theory****Final:** No final exam

LEC 01	95074	2/ 20	MW 10:00am-11:20am	Robert Hough	Physics P122	25
--------	-------	-------	--------------------	--------------	--------------	----

**MAT 614 Topics in Algebraic Geometry: Introduction to the minimal model program****Final:** No final exam

LEC 01	95075	13/ 20	TuTh 11:30am-12:50pm	Radu Laza	Physics P122	25
--------	-------	--------	----------------------	-----------	--------------	----

**MAT 615 Topics in Algebraic Geometry: Spaces of curves on algebraic varieties****Final:** No final exam

LEC 01	95076	11/ 20	TuTh 2:30pm- 3:50pm	Jason Starr	Physics P122	25
--------	-------	--------	---------------------	-------------	--------------	----

**MAT 638 Topics in Real Analysis: Geometric measure theory and harmonic analysis****Final:** No final exam

LEC 01	95077	13/ 20	TuTh 10:00am-11:20am	Raanan Schul	Physics P125	25
--------	-------	--------	----------------------	--------------	--------------	----

**MAT 644 Topics in Differential Geometry: Gluing constructions of canonical metrics****Final:** No final exam

LEC 01	87570	15/ 20	TuTh 11:30am-12:50pm	Michael Anderson	Physics P123	25
--------	-------	--------	----------------------	------------------	--------------	----

**MAT 682 Advanced Topics in Differential Geometry: The Fukaya category****Final:** No final exam

LEC 01	88599	13/ 20	MW 2:30pm- 3:50pm	Mark McLean	Physics P125	25
--------	-------	--------	-------------------	-------------	--------------	----

**MAT 696 Mathematics Seminar**

S 01 Three Manifolds and Algebraic Varieties via Covering Spaces, S 02 Professional Development Seminar, S 06 TBA

**Final:** No final exam

S01	80747	4/ 50	F 12:30pm- 2:30pm	Dennis Sullivan	Mathematics P131	50
S02	86159	0/ 20	F 2:30pm- 3:30pm	Christian Schnell	Mathematics P131	50
S03	86160	0/ 20	F 4:00pm- 6:20pm		Mathematics P131	50
S04	86161	0/ 20	W 4:00pm- 5:20pm		Mathematics P131	50
S06	86162	0/ 20	M 1:00pm- 2:20pm	John Morgan	Mathematics P131	50

**MAT 697 Mathematics Colloquium**

S01	81669	0/ 20	Th 4:00pm- 6:00pm		Mathematics P131	50
-----	-------	-------	-------------------	--	------------------	----

**MAT 698 Independent Study****MAT 699 Dissertation Resrch on Campus****MAT 700 Dissertation off Campus Domest****MAT 701 Dissertation off Campus Intern**