

# Stony Brook Mathematics

## Schedule of Classes

### Spring 2010

First Day of Classes	Monday, January 25, 2010
Last Day to drop without tuition liability	Sunday, Jan 31, 2010
Last Day for Add-Drop	Friday, February 5, 2010
Last Day to switch from MAT 122, 123, 125, 126, 127, 131, 132, 141, 142 to a lower numbered MAP or MAT course	Friday, March 5, 2010
Last Day to Withdraw or P/NC	Friday, March 26, 2010
Last Revised	Tuesday, November 17, 2009 at 4:39 PM

## Mathematics Education Courses

### MAE 301 Foundatns Seondry School Math

Note: Offered as MAE 301 and MAE 501

	LEC 1	50373	29	MW	2:20pm- 3:40pm	Nadia Kennedy	Physics P128	29
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### MAE 302 Methods and Materials for Teaching Secondary School Math

Note: Offered as MAE 302 and MAE 520

	LEC 1	41145	15	F	3:50pm- 6:50pm	William Bernhard	Mathematics 4130	35
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### MAE 311 Intro Meth Tching Sec Sch Math

Note: Offered as MAE 311 and MAE 510

	LEC 1	50371	35	Tu	2:20pm- 5:10pm	Lisa Berger	Mathematics 4130	35
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### MAE 312 Micro-Teaching

Note: Offered as MAE 312 and MAE 540

	S01	41146	25	Tu	2:20pm- 3:40pm	Judith Wiegand	Mathematics 5127	25
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### MAE 330 Technology in Math Education

Note: Offered as MAE 330 and MAT 517

	LEC 1	41147	20	MW	2:20pm- 3:40pm	Robert Andersen	Mathematics 4130	35
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### MAE 447 Directed Readings in Math

Note: Meets with MAE 530

	T01	41148	25	Tu	3:50pm- 4:40pm	Barbara Biondo	Mathematics 4130	35
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### MAE 451 Sup Teaching Grades 7-9

Note: Offered as MAE 451 and MAE 551

	V01	41149	23			Judith Wiegand		
	V60	49207	20				Sb Manhattan	

**MAE 452 Sup Teaching Grades 10-12**

Note: Offered as MAE 452 and MAE 552

	V01	41150	23		Judith Wiegand		
	V60	49208	30			Sb Manhattan	

**MAE 454 Student Teaching Seminar**

Note: Offered as MAE 454 and MAE 554

	S01	41151	25	W	3:50pm- 6:40pm	Judith Wiegand	Library N3085	27
	S60	49171	25	W	3:50pm- 6:40pm		Sb Manhattan	

**MAE 501 Foundtns. of Sec. Math Curric.**

Note: Offered as MAE 501 and MAE 501

	LEC 1	50374	29	MW	2:20pm- 3:40pm	Nadia Kennedy	Physics P128	29
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**MAE 510 Intro to Methods of Teaching**

Note: Offered as MAE 510 and MAE 311

	LEC 1	50372	35	Tu	2:20pm- 5:10pm	Lisa Berger	Mathematics 4130	35
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**MAE 520 Advanced Methods of Teaching**

Note: Offered as MAE 520 and MAE 302

	LEC 1	50370	15	F	3:50pm- 6:50pm	William Bernhard	Mathematics 4130	35
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**MAE 530 Directed Readings and Research**

Note: Meets with MAE 447

	T01	49282	25	Tu	3:50pm- 4:40pm	Barbara Biondo	Mathematics 4130	35
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**MAE 540 Clinical Experience**

Note: Offered as MAE 540 and MAE 312

	S01	49281	25	Tu	2:20pm- 3:40pm	Judith Wiegand	Mathematics 5127	25
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**MAE 551 Supervised Student Teaching**

Note: Offered as MAE 551 and MAE 451

	V01	49916	23			Judith Wiegand		
	V60	50379	5				Sb Manhattan	

**MAE 552 Supervised Teach High School**

Note: Offered as MAE 552 and MAE 452

	V01	49917	6			Judith Wiegand		
	V60	50380	5				Sb Manhattan	

**MAE 554 Student Teaching Seminar**

Note: Offered as MAE 554 and MAE 454

	S01	49918	25	W	3:50pm- 6:40pm	Judith Wiegand	Library N3085	27
	S60	50381	5	W	3:50pm- 6:50pm		Sb Manhattan	

# Undergraduate Courses

## MAP 103 Proficiency Algebra

Note: Evening exams at 8:30 pm. Thur. 2/25, Tue. 3/23 Some seats reserved for transfer students

	LEC 1	41153	30	MWF 9:35am-10:30am		S B Union 226	36
	LEC 2	41154	30	MWF 10:40am-11:35am		S B Union 226	36
	LEC 3	41155	30	MWF 11:45am-12:40pm		S B Union 231	44
	LEC 4	41156	30	TuTh 9:50am-11:10am		S B Union 237	44
	LEC 5	41157	28	TuTh 2:20pm- 3:40pm		S B Union 231	44
	LEC 6	49210	30	TuTh 6:50pm- 8:10pm		Physics P117	31

## MAT 118 Mathematical Thinking

	LEC 1	41158	115	TuTh 2:20pm- 3:40pm	Moira Chas	Library W0512	120
	R01	41159	35	W 5:20pm- 6:15pm		Physics P112	40
	R02	41160	35	Tu 11:20am-12:15pm		S B Union 231	44
	R03	41161	35	Th 12:50pm- 1:45pm		Physics P112	40

## MAT 122 Overview of Calculus with Appl

	LEC 1	41163	113	MW 3:50pm- 5:10pm	Robert Andersen	Humanities 1003	119
	R01	41164	30	M 10:40am-11:35am		Chemistry 128	37
	R02	41165	30	Tu 5:20pm- 6:15pm		Physics P116	38
	R03	41166	30	W 10:40am-11:35am		Lgt Engr Lab 154	34
	R04	42185	23	Th 5:20pm- 6:15pm		Earth+Space 177	23

## MAT 123 Introduction to Calculus

Note: Evening exams at 8:30 pm. Thur. 2/25, Tue. 3/23

	LEC 1	41167	183	MWF 9:35am-10:30am	Holly Chen	Engineering 145	183
	R01	41169	35	M 11:45am-12:40pm		Library E4310	46
	R02	41170	35	Th 8:20am- 9:15am		Physics P113	56
	R03	41171	31	Tu 11:20am-12:15pm		Library N4006	39
	R05	41173	35	W 11:45am-12:40pm		Earth+Space 79	50
	LEC 2	41168	113	TuTh 2:20pm- 3:40pm	Ljudmila Kamenova	Humanities 1006	119
	R08	41176	38	M 3:50pm- 4:45pm		Physics P113	56
	R09	41177	29	Th 9:50am-10:45am		Physics P129	29
	R10	41178	35	Tu 11:20am-12:15pm		Harriman Hill 116	62
	LEC 3	49828	183	MW 3:50pm- 5:10pm	William Bernhard	Engineering 143	183
	R12	47297	35	M 11:45am-12:40pm		Physics P116	38
	R13	47298	35	W 11:45am-12:40pm		Old Chem 144	60
	R14	49911	35	Th 11:20am-12:15pm		Harriman Hill 116	62
	R15	49912	35	Th 11:20am-12:15pm		S B Union 236	65
	ELC 90	50338	45	TuTh 6:50pm- 8:10pm		Psychology A 137	71
	grader						

**MAT 125 Calculus A**

Note: Evening exams at 8:30 pm. Mon. 2/22, 3/22

	LEC 1	41179	266	MWF 9:35am-10:30am	William Barcus	Earth+Space 1	266
	R01	41182	31	M 11:45am-12:40pm		Physics P127	38
	R02	41183	30	Th 3:50pm- 4:45pm		Chemistry 128	37
	R03	41184	31	W 11:45am-12:40pm		Physics P116	38
	R04	41185	30	Tu 11:20am-12:15pm		Library N4000	31
	R05	41186	37	Tu 11:20am-12:15pm		S B Union 237	44
	R31	50164	35	M 10:40am-11:35am		S B Union 237	44
	R33	50586	35	M 11:45am-12:40pm		S B Union 226	36
	R34	50587	35	W 11:45am-12:40pm		S B Union 226	36
	LEC 2	41180	183	TuTh 2:20pm- 3:40pm	Fabrizio Donzelli	Engineering 145	183
	R06	41187	36	M 11:45am-12:40pm		Physics P130	38
	R07	41188	35	F 11:45am-12:40pm		Chemistry 128	37
	R08	41189	38	W 9:35am-10:30am		Chemistry 128	37
	R09	41190	37	Tu 3:50pm- 4:45pm		Chemistry 128	37
	R10	41191	35	F 8:30am- 9:25am		Chemistry 128	37
	LEC 3	41181	266	MW 3:50pm- 5:10pm	Trevor Clark	Earth+Space 1	266
	R11	41192	39	M 9:35am-10:30am		Chemistry 128	37
	R12	41193	35	F 10:40am-11:35am		Chemistry 128	37
	R13	41194	39	W 2:20pm- 3:15pm		Physics P116	38
	R14	41195	31	Tu 2:20pm- 3:15pm		Physics P117	31
	R15	41196	34	Th 11:20am-12:15pm		Library N4006	39
	R16	41197	29	Th 11:20am-12:15pm		S B Union 226	36
	R32	50166	31	M 2:20pm- 3:15pm		Physics P112	40
	ELC 90	50348	47	TuTh 6:50pm- 8:10pm	Radu Laza	Javits Lectr 101	103
	grader						

**MAT 126 Calculus B**

Note: Evening exams at 8:30 pm. wed. 2/24, thur. 3/25

	LEC 1	41199	200	MWF 9:35am-10:30am	Scott Sutherland	Old Chem 116	232
	R01	41202	37	F 12:50pm- 1:45pm		Physics P116	38
	R02	41203	34	Tu 3:50pm- 4:45pm		Earth+Space 181	34
	R03	41204	32	Tu 12:50pm- 1:45pm		Library N4006	39
	R04	41205	31	Th 9:50am-10:45am		Library N4006	39
	R05	49586	29	M 12:50pm- 1:45pm		Library N4006	39
	R06	41206	37	M 2:20pm- 3:15pm		Earth+Space 69	50
	LEC 2	41200	232	TuTh 2:20pm- 3:40pm	Mark Decataldo	Old Chem 116	232
	R07	41207	35	W 2:20pm- 3:15pm		Earth+Space 69	50
	R08	41208	34	Tu 3:50pm- 4:45pm		Earth+Space 79	50
	R09	41209	34	Th 3:50pm- 4:45pm		Earth+Space 181	34
	R10	49587	36	Tu 11:20am-12:15pm		S B Union 236	65
	R11	50098	30	F 12:50pm- 1:45pm		S B Union 231	44
	R12	50099	28	W 11:45am-12:40pm		S B Union 237	44
	R13	50100	34	M 9:35am-10:30am		S B Union 237	44
	LEC 3	41201	159	MW 3:50pm- 5:10pm	Folkert Tangerman	Engineering 145	183
	R14	50121	29	M 11:45am-12:40pm		S B Union 237	44
	R15	50127	35	W 8:30am- 9:25am		Physics P112	40
	R16	50559	35	Tu 9:50am-10:45am		S B Union 231	44
	R31	50555	31	Th 2:20pm- 3:15pm		Physics P117	31
	R32	50556	35	Tu 11:20am-12:15pm		S B Union 226	36
	ELC 90	50350	52	MW 6:50pm- 8:10pm		Hvy Engr Lab 201	72
	grader						

**MAT 127 Calculus C**

Note: Evening exams at 8:30 pm. Mon 2/22, 3/22

	LEC 1	41210	65	MWF 9:35am-10:30am	Qian Wang	Javits Lectr 103	103
	LEC 2	41211	65	TuTh 2:20pm- 3:40pm	Marie-Louise Michelsohn	Physics P118	45
	LEC 4	49831	115	MW 5:20pm- 6:40pm	Lin Chen	Humanities 1003	119
	grader1						
	grader2						

**MAT 131 Calculus I**

Note: Evening exams at 8:30 pm.wed. 2/24, thur. 3/25

	LEC 1	41213	120	TuTh 5:20pm- 6:40pm	Radu Laza	Earth+Space 1	266
	R01	41215	35	MW 11:45am-12:40pm		Chemistry 128	37
	R02	41216	36	TuTh 3:50pm- 4:45pm		S B Union 231	44
	R03	41217	29	TuTh 12:50pm- 1:45pm		Chemistry 128	37

**MAT 132 Calculus II**

Note: Evening exams at 8:30 pm. wed. 2/24, thur. 3/25

	LEC 1	41222	183	MWF 9:35am-10:30am	Lowell Jones	Engineering 143	183
	R01	41224	32	MW 11:45am-12:40pm		Lgt Engr Lab 152	45
	R02	41225	32	TuTh 9:50am-10:45am		Lgt Engr Lab 152	45
	R03	41226	30	TuTh 3:50pm- 4:45pm		Lgt Engr Lab 152	45
	R05	41228	32	MW 10:40am-11:35am		Lgt Engr Lab 152	45
	LEC 2	41223	119	TuTh 2:20pm- 3:40pm	Simon Brooks	Humanities 1003	119
	R06	41229	29	TuTh 5:20pm- 6:15pm		Lgt Engr Lab 152	45
	R07	41230	31	MW 2:20pm- 3:15pm		Lgt Engr Lab 152	45
	R09	41232	29	TuTh 11:20am-12:15pm		Physics P128	29
	LEC 3	49959	50	TuTh 5:20pm- 6:40pm	Douglas Alexander	Library E4315	50
	R10	41233	28	TuTh 6:50pm- 7:45pm		Lgt Engr Lab 152	45
	R11	49960	29	MW 3:50pm- 4:45pm		Physics P117	31

**MAT 142 Honors Calculus II**

	LEC 1	41234	29	MWF 9:35am-10:30am	Joshua Bowman	S B Union 231	44
	R01	41235	29	TuTh 9:50am-10:45am		S B Union 226	36

**MAT 160 Mathematical Problems + Games**

	LEC 1	41236	31	Tu 2:20pm- 3:40pm	Anthony Phillips	Physics P117	31
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**MAT 200 Logic, Language and Proof**

	LEC 1	41237	35	TuTh 11:20am-12:40pm	Marie-Louise Michelsohn	Old Chem 144	60
	LEC 2	50517	50	MW 5:20pm- 6:40pm	Scott Sutherland	Harriman Hill 112	62
	grader						

**MAT 203 Calculus III with Applications**

Note: May not be taken for credit in addition to MAT 205 or AMS 261.

	LEC 1	41238	72	MWF 10:40am-11:35am	Mikhail Movshev	Hvy Engr Lab 201	72
	R01	41239	36	Tu 2:20pm- 3:15pm		Old Chem 144	60
	R02	49170	36	W 9:35am-10:30am		Lgt Engr Lab 152	45
	grader						

**MAT 205 Calculus III**

Note: May not be taken for credit in addition to MAT 203 or AMS 261.

	LEC 1	41240	37	TuTh 5:20pm- 6:40pm	Andrew Young	Chemistry 128	37
	R01	41241	37	W 5:20pm- 6:15pm		Library N4006	39

**MAT 211 Introduction to Linear Algebra**

Note: May not be taken for credit in addition to AMS 201 or AMS 210.

	LEC 1	41242	70	MWF 11:45am-12:40pm	Pavel Batchourine	Physics P118	45
	LEC 2	41243	70	TuTh 5:20pm- 6:40pm	Marco Martens	Physics P118	45
	grader						

**MAT 303 Calculus IV with Applications**

Note: May not be taken for credit in addition to MAT 305 or AMS 361.

	LEC 1	41245	71	TuTh 12:50pm- 2:10pm	Michael Anderson	Library W4525	71
	R01	40995	25	F 11:45am-12:40pm		Physics P123	25
	R02	49205	25	W 11:45am-12:40pm		Physics P123	25
	R03	51989	29	M 10:40am-11:35am		Socbehav Sci N436	40

**MAT 305 Calculus IV**

Note: May not be taken for credit in addition to MAT 303 or AMS 361.

	LEC 1	40996	37	MW 5:20pm- 6:40pm	Iana Anguelova	Chemistry 128	37
	R01	40997	39	Th 5:20pm- 6:15pm		Library N4006	39

**MAT 310 Linear Algebra**

	LEC 1	40998	50	MWF 9:35am-10:30am	Mikhail Movshev	Library E4315	50
	R01	49560	25	M 3:50pm- 4:45pm		Physics P122	25
	R02	49561	25	Tu 8:20am- 9:15am		Physics P123	25

**MAT 311 Number Theory**

	LEC 1	40999	35	TuTh 9:50am-11:10am	Matthew De Land	Chemistry 128	37
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**MAT 312 Applied Algebra**

Note: Also offered as MAT 312 and AMS 351.

	LEC 1	41000	60	MWF 11:45am-12:40pm	Lowell Jones	Earth+Space 131	78
	R01	47433	60	Tu 3:50pm- 4:45pm		Old Chem 144	60

**MAT 319 Foundations of Analysis**

	LEC 1	47341	44	MWF 10:40am-11:35am	Daryl Geller	S B Union 231	44
	R01	47342	40	TuTh 2:20pm- 3:15pm		Physics P112	40

**MAT 322 Analysis in Several Dimensions**

	LEC 1	41002	30	TuTh 11:20am-12:40pm	Raanan Schul	Library N3063	31
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**MAT 331 Computer-Assisted Mathematical Problem Solving**

	LEC 1	41003	29	TuTh 11:20am-12:40pm	Moira Chas	Mathematics S235S	43
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**MAT 336 History of Mathematics**

	LEC 1	47361	35	MF 12:50pm- 2:10pm	C. Denson Hill	Chemistry 128	37
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**MAT 342 Applied Complex Analysis**

	LEC 1	41004	35	TuTh 9:50am-11:10am	Anthony Phillips	Mathematics 4130	35
	grader						

**MAT 351 Diff Equatns: Dynamics + Chaos**

	LEC 1	41005	35	MW 3:50pm- 5:10pm	Jeremy Kahn	Library N4006	39
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**MAT 360 Geometric Structures**

	LEC 1	41006	36	TuTh 11:20am-12:40pm	Oleg Viro	Mathematics 4130	35
	grader						

**MAT 362 Differential Geom of Surfaces**

	LEC 1	41007	30	TuTh 12:50pm- 2:10pm	Ljudmila Kamenova	Physics P117	31
	grader						

**MAT 373 Analysis of Algorithms**

Note: Also offered as MAT 373 and CSE 373.

	LEC 1	41009	70	TuTh 12:50pm- 2:10pm	Steven Skiena	Psychology A 137	71
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**MAT 487 Indep Study in Special Topics****MAT 495 Honors Thesis**

# Graduate Courses

**MAT 512 Algebra for Teachers**

	LEC 1	47386	25	TuTh 5:20pm- 6:40pm	Clinton Curry	Mathematics 4130	35
	grader						

**MAT 513 Analysis for Teachers I**

	LEC 1	49919	25	MW 3:50pm- 5:10pm	Alexander Kirillov	Mathematics 4130	35
	grader						

**MAT 517 Calcul + Computers for Teacher**

Note: Also offered as MAT 517 and MAE 330

	LEC 1	49565	20	MW 2:20pm- 3:40pm	Robert Andersen	Mathematics 4130	35
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**MAT 518 Seminar on Uses of Mathematics**

	S01	47384	5	M 5:20pm- 8:20pm	C. Denson Hill	Mathematics 4130	35
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**MAT 531 Topology, Geometry II**

	LEC 1	41013	25	TuTh 12:50pm- 2:10pm	Aleksey Zinger	Physics P125	25
	grader						

**MAT 535 Algebra II**

	LEC 1	41014	25	TuTh 11:20am-12:40pm	Jason Starr	Library N3085	27
	grader						

**MAT 541 Intermediate Algebraic Topology II**

	LEC 1	50046	10	F 12:50pm- 3:50pm	Dennis Sullivan	Mathematics 5127	25
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**MAT 542 Complex Analysis I**

	LEC 1	41016	25	TuTh 9:50am-11:10am	Christopher Bishop	Physics P124	25
	grader						

**MAT 546 Differential Equations**

	LEC 1	41017	30	MWF 10:40am-11:35am	Dror Varolin	Physics P117	31
	grader						

**MAT 550 Real Analysis II**

	LEC 1	41018	29	MWF 11:45am-12:40pm	Daryl Geller	Library N3063	31
	grader						

**MAT 555 Intro. to Dynamic Systems**

	LEC 1	51907	20	TuTh 11:20am-12:40pm	Mikhail Lyubich	Mathematics 5127	25
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**MAT 561 Mathematical Physics II**

	LEC 1	50289	25	TuTh 2:20pm- 3:40pm	Andrew Tolland	Physics P124	25
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**MAT 566 Differential Topology**

	LEC 1	51726	25	TuTh 11:20am-12:40pm	Claude LeBrun	Physics P124	25
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**MAT 569 Differential Geometry**

	LEC 1	41019	25	MF 12:50pm- 2:10pm	Marcus Khuri	Physics P125	25
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**MAT 599 M.A. Research****MAT 615 Topics in Algebraic Geometry**

Topic: Riemann surfaces and their moduli

	LEC 1	41020	25	MWF 9:35am-10:30am	Samuel Grushevsky	Physics P117	31
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**MAT 621 Topics in Algebraic Topology**

Topic: Introduction to 3-manifolds and 4-manifolds

	LEC 1	48902	25	TuTh 2:20pm- 3:40pm	Olga Plamenevskaya	Library N3085	27
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**MAT 639 Topics in Real Analysis**

Topic: Geometric Measure Theory

	LEC 1	49616	20	TuTh 2:20pm- 3:40pm	Raanan Schul	Physics P122	25
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**MAT 645 Top in Differential Geometry**

Topic: Glueing constructions in Differential Geometry

	LEC 1	41022	25	TuTh 9:50am-11:10am	Michael Anderson	Physics P125	25
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**MAT 667 Top in Algebraic Topology**

Topic: The Atiyah-Singer Index Theorem

	LEC 1	41025	25	TuTh 12:50pm- 2:10pm	Blaine Lawson	Psychology A 146	*46
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**MAT 671 Adv Top in Complex Analysis**

Topic: Geometrizing Complex Manifolds

	LEC 1	58787	5	MW 11:20am-12:40pm	Xiuxiong Chen	Mathematics 4130	35
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**MAT 683 Top in Differential Geometry**

Topic: Collapsing Riemannian Manifolds

	LEC 1	41026	25	TuTh 11:20am-12:40pm	Brian Weber	Physics P125	25
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**MAT 691 RTG Seminar in Math + Phy II**

	S01	50290	30	M 2:20pm- 5:10pm	Andrew Tolland	Mathematics P131	50
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**MAT 697 Mathematics Colloquium**

	S01	47270	29	Th 3:50pm- 6:50pm		Mathematics P131	50
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**MAT 698 Independent Study****MAT 699 Dissertation Resrch on Campus****MAT 700 Dissertation off Campus Domest****MAT 701 Dissertation off Campus Intern**