

Stony Brook Mathematics

Schedule of Classes

Spring 2021

Last Revised

Tuesday, October 20, 2020 at 1:55 PM

Mathematics Education Courses

MAE 302 Methods and Materials for Teaching Secondary School Math

Note: Offered as MAE 302 and MAE 520

LEC 01	40602	0/30	Tu	4:45pm- 7:35pm	Derek Pope	Online	
LEC 02	55709	0/10	Th	4:45pm- 7:35pm	Derek Pope	Online	

MAE 312 Micro-Teaching

Note: Offered as MAE 312 and MAE 540

S01	40603	0/25	Th	3:00pm- 4:20pm	Alaa Abd-El-Hafez	Online	
-----	-------	------	----	----------------	-------------------	--------	--

MAE 330 Technology in Math Education

Offered as MAE 330 and MAT 517

LEC 01	47067	0/25	MW	2:40pm- 4:00pm	Alaa Abd-El-Hafez	Online	
--------	-------	------	----	----------------	-------------------	--------	--

MAE 447 Directed Readings in Math

Note: Offered as MAE 447 and MAE 530

T01	40604	0/25	Tu	2:30pm- 3:20pm	Alaa Abd-El-Hafez		
-----	-------	------	----	----------------	-------------------	--	--

MAE 451 Sup Teaching Grades 7-9

Note: Offered as MAE 451 and MAE 551

V01	40605	0/15			Alaa Abd-El-Hafez	Online	
-----	-------	------	--	--	-------------------	--------	--

MAE 452 Sup Teaching Grades 10-12

Note: Offered as MAE 452 and MAE 552

V01	40606	0/15			Alaa Abd-El-Hafez	Online	
-----	-------	------	--	--	-------------------	--------	--

MAE 454 Student Teaching Seminar

Note: Offered as MAE 454 and MAE 554

S01	40607	0/15	W	4:25pm- 7:15pm	Alaa Abd-El-Hafez	Online	
-----	-------	------	---	----------------	-------------------	--------	--

MAE 520 Advanced Methods of Teaching

Note: Offered as MAE 520 and MAE 302

LEC 01	44732	0/30	Tu	4:45pm- 7:35pm	Derek Pope	Online	
LEC 02	55710	0/10	Th	4:45pm- 7:35pm	Derek Pope	Online	

MAE 530 Directed Readings and Research

Note: Offered as MAE 530 and MAE 447

T01	44368	0/25	Tu	2:30pm- 3:20pm	Alaa Abd-El-Hafez		
-----	-------	------	----	----------------	-------------------	--	--

MAE 540 Clinical Experience

Note: Offered as MAE 540 and MAE 312

S01	44367	0/25	Th	3:00pm- 4:20pm	Alaa Abd-El-Hafez	Online	
-----	-------	------	----	----------------	-------------------	--------	--

MAE 551 Supervised Student Teaching

Note: Offered as MAE 551 and MAE 451

V01	44597	0/15			Alaa Abd-El-Hafez	Online	
-----	-------	------	--	--	-------------------	--------	--

MAE 552 Supervised Teach High School

Note: Offered as MAE 552 and MAE 452

V01	44598	0/15			Alaa Abd-El-Hafez	Online	
-----	-------	------	--	--	-------------------	--------	--

MAE 554 Student Teaching Seminar

Note: Offered as MAE 554 and MAE 454

S01	44599	0/15	W	4:25pm- 7:15pm	Alaa Abd-El-Hafez	Online	
-----	-------	------	---	----------------	-------------------	--------	--

MAE 698 Independent Study, Mathematics

T13	46460	0/5					
-----	-------	-----	--	--	--	--	--

Undergraduate Courses

MAP 103 Proficiency Algebra

Note: Online synchronous Some seats reserved for Advising

LEC 31	40608	0/30	MWF	10:30am-11:25am	Stephanie Salvator	Online	
LEC 32	40609	0/30	TuTh	6:30pm- 7:50pm	Mark Lombardi	Online	
LEC 33	48734	0/30	TuTh	11:30am-12:50pm	Thomas Rico	Online	
LEC 34	47972	0/30	TuTh	4:45pm- 6:05pm		Online	

MAT 118 Mathematical Thinking

LEC 01	47973	0/76	TuTh	1:15pm- 2:35pm	Deb Wertz	Online	
R01	47974	0/38	W	2:40pm- 3:35pm		Online	
R02	47975	0/38	M	1:00pm- 1:55pm		Online	
R03	55669	0/30	Tu	4:45pm- 5:40pm		Online	

MAT 119 Foundations for Precalculus

LEC 01	48691	0/45	W	2:40pm- 4:00pm	Stephanie Salvator	Online	
--------	-------	------	---	----------------	--------------------	--------	--

MAT 122 Overview of Calculus with Applications

LEC 01	46108	0/60	TuTh	11:30am-12:50pm	Deb Wertz	Online	
R01	46109	0/32	Tu	9:45am-10:40am		Online	
R02	46110	0/29	W	9:15am-10:10am		Online	

MAT 123 Precalculus

Note: online synchronous

LEC 31	40610	0/ 250	MW	4:25pm- 5:45pm	David Kahn*	Online	
R01	40612	0/ 30	M	7:50pm- 8:45pm		Online	
R02	40613	0/ 30	Th	8:00am- 8:55am		Online	
R03	40614	0/ 30	W	10:30am-11:25am	Christiane Stidham		
R04	40615	0/ 30	W	2:40pm- 3:35pm		Online	
R05	55671	0/ 30	W	11:45am-12:40pm	Christiane Stidham		
R06	55672	0/ 30	Th	3:00pm- 3:55pm		Online	
LEC 32	40611	0/ 270	TuTh	9:45am-11:05am	Christiane Stidham	Online	
R20	46325	0/ 30	M	1:00pm- 1:55pm		Online	
R21	46326	0/ 30	W	11:45am-12:40pm	Chloe Sukkarieh		
R22	40616	0/ 30	M	4:25pm- 5:20pm	Chloe Sukkarieh		
R23	40617	0/ 30	Th	4:45pm- 5:40pm		Online	
R24	40618	0/ 30	Tu	6:30pm- 7:25pm		Online	
R25	55673	0/ 30	W	9:15am-10:10am		Online	
R26	55674	0/ 30	M	6:05pm- 7:00pm		Online	

MAT 125 Calculus A

Note: synchronous online

LEC 31	40619	0/ 380	MW	4:25pm- 5:45pm	Deb Wertz	Online	
R01	40622	0/ 30	M	6:05pm- 7:00pm		Online	
R02	40623	0/ 30	Th	4:45pm- 5:40pm		Online	
R03	40624	0/ 30	W	11:45am-12:40pm		Online	
R04	40625	0/ 30	Tu	11:30am-12:25pm		Online	
R05	40626	0/ 30	Tu	8:00am- 8:55am		Online	
R06	47095	0/ 30	M	11:45am-12:40pm		Online	
R07	47096	0/ 30	W	2:40pm- 3:35pm		Online	
R08	55675	0/ 30	Tu	1:15pm- 2:10pm		Online	
R09	55676	0/ 30	Th	3:00pm- 3:55pm		Online	
R10	55677	0/ 30	W	6:05pm- 7:00pm		Online	
LEC 32	40620	0/ 310	TuTh	9:45am-11:05am	Robert Andersen*	Online	
R21	47098	0/ 30	W	2:40pm- 3:35pm	Kristen Acierno		
R22	40627	0/ 30	W	4:45pm- 5:40pm	Kristen Acierno		
R23	40628	0/ 30	Tu	1:15pm- 2:10pm		Online	
R24	40629	0/ 30	F	9:15am-10:10am		Online	
R25	55678	0/ 30	Tu	6:30pm- 7:25pm		Online	
R26	55679	0/ 30	Th	3:00pm- 3:55pm		Online	
R27	55680	0/ 30	Th	4:45pm- 5:40pm		Online	

MAT 126 Calculus B

Note: online synchronous.

LEC 31	40633	0/ 400	MW 4:25pm- 5:45pm	Benjamin Dozier	Online	
R01	40636	0/ 30	F 1:00pm- 1:55pm		Online	
R02	40637	0/ 30	Tu 4:45pm- 5:40pm	Jean-François Arbour		
R03	40638	0/ 30	Tu 6:30pm- 7:25pm		Online	
R04	40639	0/ 30	Th 8:00am- 8:55am		Online	
R05	44473	0/ 30	M 1:00pm- 1:55pm		Online	
R06	40640	0/ 30	M 9:15am-10:10am		Online	
R07	40641	0/ 30	W 11:45am-12:40pm		Online	
R08	47634	0/ 30	Th 3:00pm- 3:55pm		Online	
R09	55682	0/ 30	W 6:05pm- 7:00pm		Online	
R10	55683	0/ 30	Tu 3:00pm- 3:55pm		Online	
R11	55684	0/ 30	Th 11:30am-12:25pm		Online	
LEC 32	40634	0/ 400	TuTh 9:45am-11:05am	David Kahn*	Online	
R20	44474	0/ 30	Th 1:15pm- 2:10pm		Online	
R21	44671	0/ 30	Tu 3:00pm- 3:55pm	Jean-François Arbour		
R22	44672	0/ 30	F 11:45am-12:40pm		Online	
R23	44673	0/ 30	M 10:30am-11:25am		Online	
R24	44680	0/ 30	M 1:00pm- 1:55pm		Online	
R25	55685	0/ 30	Tu 11:30am-12:25pm		Online	
R26	55686	0/ 30	Tu 4:45pm- 5:40pm		Online	
R27	55687	0/ 30	Th 6:30pm- 7:25pm		Online	
R28	55688	0/ 30	Th 11:30am-12:25pm		Online	
R29	55689	0/ 30	W 10:30am-11:25am		Online	

MAT 127 Calculus C

LEC 03	46364	0/ 40	TuTh 9:45am-11:05am	Scott Sutherland		
LEC 31	40642	0/ 60	MW 4:25pm- 5:45pm	Christina Karafyllia	Online	
LEC 32	40643	0/ 60	TuTh 1:15pm- 2:35pm	Sheng-Yuan Zhao	Online	
grdr 1						
grdr 2						
grdr 3						

MAT 130 Trigonometry and Logarithms

Note: online synchronous. Meets only for first 6 weeks of classes.

LEC 01	55691	0/ 45	TuTh 1:15pm- 2:35pm	Thomas Rico	Online	
LEC 30	55690	0/ 50	MF 1:00pm- 2:20pm	Stephanie Salvator	Online	

MAT 131 Calculus I

Note: online synchronous. Not for credit in addition to MAT125 or 141 or AMS151.

LEC 30	40644	0/ 120	MW 4:25pm- 5:45pm	William Bernhard	Online	
R01	40645	0/ 30	MW 10:30am-11:25am	Albert Guo		
R02	40646	0/ 30	TuTh 6:30pm- 7:25pm	Cheryl Bishop	Online	
R03	55681	0/ 30	TuTh 4:45pm- 5:40pm	Cheryl Bishop	Online	

MAT 132 Calculus II

Note: online synchronous.

LEC 31	40647	0/ 150	TuTh 9:45am-11:05am	Julia Viro*	Online	
R01	40649	0/ 30	MW 6:05pm- 7:00pm	Holly Chen	Online	
R02	40650	0/ 30	MW 2:40pm- 3:35pm	Willie Rush Lim		
R03	40651	0/ 30	MW 10:30am-11:25am	Holly Chen	Online	
R04	40652	0/ 30	TuTh 1:15pm- 2:10pm			
LEC 32	40648	0/ 120	MW 4:25pm- 5:45pm	Holly Chen	Online	
R20	40653	0/ 30	TuTh 6:30pm- 7:25pm		Online	
R21	40654	0/ 30	MW 10:30am-11:25am		Online	
R22	40655	0/ 30	MW 11:45am-12:40pm	Willie Rush Lim		

MAT 200 Logic, Language and Proof

LEC 01	40656	0/ 45	TuTh 1:00pm- 2:20pm	Marie-Louise Michelsohn	Online	
LEC 02	44779	0/ 40	MWF 10:30am-11:25am	Matthew Romney		
LEC 30	55692	0/ 50	MW 4:25pm- 5:45pm	Peter Lin	Online	
grdr 1						
grdr 2						

MAT 203 Calculus III with Applications

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

LEC 31	40657	0/ 140	TuTh 4:45pm- 6:05pm	Robert Andersen	Online	
R01	40658	0/ 30	Tu 3:00pm- 3:55pm		Online	
R02	44312	0/ 30	W 10:30am-11:25am	Dahye Cho		
R03	47628	0/ 30	W 11:45am-12:40pm	Dahye Cho		
LEC 32	46746	0/ 103	MWF 10:30am-11:25am	Lowell Jones	Online	
R04	47976	0/ 30	W 6:05pm- 7:00pm		Online	
R21	46747	0/ 30	Th 9:45am-10:40am		Online	
R22	47629	0/ 30	M 2:40pm- 3:35pm		Online	

MAT 211 Introduction to Linear Algebra

LEC 04	46544	0/ 35	MW 2:40pm- 4:00pm	Fabian Lehmann		
LEC 31	40659	0/ 40	MWF 11:45am-12:40pm	Lowell Jones	Online	
LEC 32	46324	0/ 40	TuTh 6:30pm- 7:50pm	Chuanhao Wei	Online	
LEC 33	46365	0/ 40	TuTh 3:00pm- 4:20pm	Marie-Louise Michelsohn	Online	
grdr 1						
grdr 2						

MAT 303 Calculus IV with Applications

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

LEC 31	40660	0/ 120	MWF 10:30am-11:25am	Siqi He	Online	
R01	40528	0/ 30	F 1:00pm- 1:55pm	Jacob Rooney	Online	
R02	44343	0/ 30	W 4:25pm- 5:20pm	Jacob Rooney		
LEC 32	55808	0/ 90	MW 6:05pm- 7:25pm	Peter Lin	Online	
R21	55809	0/ 45	Tu 5:30pm- 6:25pm		Online	
R22	55810	0/ 45	W 11:45am-12:40pm		Online	

MAT 308 Differential Equations with Linear Algebra

LEC 01	45596	0/30	MW 4:25pm- 5:45pm	Robert Hough		
R01	45598	0/30	Th 4:45pm- 5:40pm	Blythe Davis		

MAT 310 Linear Algebra

LEC 31	40529	0/90	TuTh 3:00pm- 4:20pm	Alena Erchenko	Online	
R01	44469	0/30	W 11:45am-12:40pm	Paul Frigge		
R02	44470	0/30	W 11:45am-12:40pm		Online	
R03	55763	0/30	W 11:45am-12:40pm		Online	

MAT 312 Applied Algebra

Note: Offered as MAT 312 and AMS 351.

LEC 31	40530	0/71	TuTh 9:45am-11:05am	Robert Lazarsfeld	Online	
R01	43457	0/38	M 11:45am-12:40pm	Paul Frigge		
R02	47977	0/32	Tu 3:00pm- 3:55pm		Online	
LEC 32	46366	0/72	MWF 11:45am-12:40pm	Harold Blum	Online	
R20	46367	0/34	W 8:30am- 9:25am		Online	
R21	47978	0/38	Tu 9:45am-10:40am		Online	

MAT 314 Abstract Algebra II

Note: Offered as MAT 314 and MAT 525

LEC 01	47615	0/30	TuTh 9:45am-11:05am	Olivier Martin		
grader						

MAT 315 Advanced Linear Algebra

Note: Students should enroll in MAT 310 R01. After six weeks, student will move into MAT 315.

LEC 01	47954	0/45	TuTh 3:00pm- 4:20pm	Oleg Viro		
R01	47955	0/45	W 11:45am-12:40pm		Online	

MAT 319 Foundations of Analysis

LEC 31	43439	0/90	TuTh 11:30am-12:50pm	Dimitrios Ntalampekos	Online	
R01	43440	0/30	MW 2:40pm- 3:35pm	Mohamad Rabah		
R02	54295	0/30	MW 2:40pm- 3:35pm		Online	
R03	55764	0/30	MW 2:40pm- 3:35pm		Online	

MAT 320 Introduction to Analysis

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

LEC 31	46749	0/45	TuTh 11:30am-12:50pm	David Ebin	Online	
R01	46750	0/45	MW 2:40pm- 3:35pm		Online	

MAT 322 Analysis in Several Dimensions

Note: Offered as MAT 322 and MAT 523

LEC 01	48207	0/35	MW 2:40pm- 4:00pm	Matthew Romney		
grader						

MAT 331 Computer-Assisted Mathematical Problem Solving

LEC 01	40531	0/30	TuTh 9:45am-11:05am	Marco Martens	Online	
LEC 02	48690	0/30	TuTh 1:15pm- 2:35pm	Marco Martens	Online	
grdr 1						
grdr 2						

MAT 336 History of Mathematics

LEC 01	43443	0/35	TuTh 3:00pm- 4:20pm	Moira Chas	Online	
grdr 1						
grdr 2						

MAT 341 Applied Real Analysis

LEC 01	46545	0/60	MWF 9:15am-10:10am	Jingrui Cheng	Online	
grader						

MAT 342 Applied Complex Analysis

LEC 01	40532	0/55	TuTh 3:00pm- 4:20pm	David Ebin	Online	
LEC 02	47956	0/55	MWF 11:45am-12:40pm	Kevin Sackel	Online	
grdr 1						
grdr 2						

MAT 351 Differential Equations: Dynamics and Change

LEC 01	48689	0/40	TuTh 1:15pm- 2:35pm	Jonguk Yang	Online	
grader						

MAT 360 Geometric Structures

LEC 01	40533	0/40	TuTh 11:30am-12:50pm	Raanan Schul	Online	
grader						

MAT 362 Differential Geometry of Surfaces

LEC 01	40534	0/29	TuTh 11:30am-12:50pm	Rodrigo Barbosa	Online	
grader						

MAT 371 Logic

Note: Offered as CSE 371 and MAT 371

LEC 01	48718	0/60	TuTh 1:15pm- 2:35pm	Anita Wasilewska	Online	
--------	-------	------	---------------------	------------------	--------	--

MAT 373 Analysis of Algorithms

Note: Offered as MAT 373 and CSE 373.

LEC 01	40535	0/200	TuTh 3:00pm- 4:20pm	Rezaul Chowdhury	Online	
--------	-------	-------	---------------------	------------------	--------	--

MAT 402 Introduction to Algebraic Geometry

S01	45700	0/20	TuTh 1:15pm- 2:35pm	Radu Laza	Online	
-----	-------	------	---------------------	-----------	--------	--

MAT 459 Write Effectively

T36	47120	0/15		Marco Martens		
-----	-------	------	--	---------------	--	--

MAT 475 Undergrad Teaching Practicum

T01	46776	0/25				
-----	-------	------	--	--	--	--

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

Graduate Courses

MAT 512 Algebra for Teachers

LEC 01	43447	0/25	MW 6:05pm- 7:25pm	Eun Hye Lee	Online	
grader						

MAT 513 Analysis for Teachers I

LEC 01	44600	0/25	MW 4:25pm- 5:45pm	Lisa Berger	Online	
grader						

MAT 517 Calculators/Computers for Teachers

Offered as MAT 517 and MAE 330

LEC 01	47066	0/25	MW 2:40pm- 4:00pm	Alaa Abd-El-Hafez	Online	
--------	-------	------	-------------------	-------------------	--------	--

MAT 520 Geometry for Teachers II

LEC 01	55762	0/25	TuTh 6:30pm- 7:50pm	Julia Viro	Online	
grader						

MAT 523 Analysis in Several Dimensions

Note: Offered as MAT 523 and MAT 322

LEC 01	54290	0/15	MW 2:40pm- 4:00pm	Matthew Romney		
--------	-------	------	-------------------	----------------	--	--

MAT 525 Abstract Algebra II

Note: Offered as MAT 314 and MAT 525

LEC 01	54292	0/15	TuTh 11:30am-12:50pm	Olivier Martin		
--------	-------	------	----------------------	----------------	--	--

MAT 531 Topology, Geometry II

LEC 01	40537	0/25	TuTh 3:00pm- 4:20pm	Blaine Lawson	Online	
grader						

MAT 533 Real Analysis II

LEC 01	47250	0/20	MW 2:40pm- 4:00pm	Christopher Bishop	Online	
grader						

MAT 535 Algebra II

LEC 01	40538	0/25	MW 11:30am-12:50pm	Mikhail Movshev		
grader						

MAT 536 Complex Analysis I

LEC 01	47251	0/20	TuTh 11:30am-12:50pm	Leon Takhtajan		
grader						

MAT 552 Introduction to Lie Groups and Lie Algebras

LEC 01	47252	0/20	TuTh 9:45am-11:05am	Claude LeBrun	Online	
--------	-------	------	---------------------	---------------	--------	--

MAT 554 Harmonic Analysis

LEC 01	55750	0/10	TuTh 1:15pm- 2:35pm	Raanan Schul	Online	
--------	-------	------	---------------------	--------------	--------	--

MAT 555 Ergodic Theory and Smooth Dynamics

LEC 01	45989	0/25	MW 9:45am-11:05am	Dzmitry Dudko	Online	
--------	-------	------	-------------------	---------------	--------	--

MAT 566 Differential Topology

LEC 01	45988	0/15	TuTh 3:00pm- 4:20pm	Mark McLean	Online	
--------	-------	------	---------------------	-------------	--------	--

MAT 569 Differential Geometry II

LEC 01	40539	0/25	TuTh 11:30am-12:50pm	Dror Varolin		
--------	-------	------	----------------------	--------------	--	--

MAT 589 Introduction to Algebraic Geometry

S01	46751	0/25	TuTh 1:15pm- 2:35pm	Christian Schnell		
-----	-------	------	---------------------	-------------------	--	--

MAT 599 M.A. Research**MAT 615 Topics in Algebraic Geometry: Moduli of Curves****Final:** No final exam

LEC 01	40540	0/25	MW 11:30am-12:50pm	Samuel Grushevsky		
--------	-------	------	--------------------	-------------------	--	--

MAT 627 Topics in Complex Analysis: Quasiconformal Maps and Teichmueller Theory**Final:** No final exam

LEC 01	48686	0/25	TuTh 11:30am-12:50pm	Mikhail Lyubich		
--------	-------	------	----------------------	-----------------	--	--

MAT 645 Topics in Differential Geometry: Hodge Theory and Geometry**Final:** No final exam

LEC 01	55751	0/10	TuTh 9:45am-11:05am	Radu Laza	Online	
--------	-------	------	---------------------	-----------	--------	--

MAT 649 Topics in Mathematical Physics: Introduction to Mathematical General Relativity**Final:** No final exam

LEC 01	48687	0/25	TuTh 9:45am-11:05am	Marcus Khuri	Online	
--------	-------	------	---------------------	--------------	--------	--

MAT 663 Advanced Topics in Algebraic Topology: Categorification**Final:** No final exam

LEC 01	55752	0/10	TuTh 11:30am-12:50pm	Alexander Kirillov		
--------	-------	------	----------------------	--------------------	--	--

MAT 683 Advanced Topics in Differential Geometry: Seminar in Geometric Analysis**Final:** No final exam

LEC 01	48688	0/25	F 10:30am-12:55pm	Xiuxiong Chen	Online	
--------	-------	------	-------------------	---------------	--------	--

MAT 696 Mathematics Seminar**Final:** No final exam

S01	46757	0/25	F 1:00pm- 3:55pm	Dennis Sullivan	Online	
-----	-------	------	------------------	-----------------	--------	--

MAT 697 Mathematics Colloquium

S01	47284	0/25	Th	4:45pm- 5:45pm		Online	
-----	-------	------	----	----------------	--	--------	--

MAT 698 Mathematics Seminar

MAT 699 Dissertation Resrch on Campus

MAT 700 Dissertation off Campus Domest

MAT 701 Dissertation off Campus Intern