

Student Name: _____ Perm: _____

MASTER OF ARTS – APPLIED MATHEMATICS – 2022-23
PLAN I – Thesis Option

In addition to departmental requirements, candidates for graduate degrees must fulfill University requirements described in the “Graduate Education” section of the UCSB General Catalog.

*A total of **42.0 units** are required for the M.A. program. A minimum of 24 of the 42 units must come from 200-level courses, and must include at least one sequence core course. Additional units may come from either the sequence core courses or the elective courses. The 200-level courses must be passed with a grade of B or better, and the overall minimum GPA is 3.0. Please refer to the Mathematics Department Graduate Program Handbook for details. Time-to-degree completion for a master’s degree is 4 years.*

SEQUENCE CORE COURSE REQUIREMENTS (minimum of 12.0 units)			
Students are required to complete at least one of the following course sequences. A grade of B or better is required in each course.			
COURSE #	COURSE NAME	UNITS	GRADES F/W/S
MATH 206A-B-C-D	Numerical Analysis	12.0	
MATH 243A-B-C	Ordinary Differential Equations	12.0	
MATH 246A-B-C	Partial Differential Equations	12.0	
ELECTIVES (additional units toward the 42.0 minimum required)			
MATH 104A-B-C	Intro to Numerical Analysis	12.0	
MATH 108A-B	Linear Algebra	8.0	
MATH 111A-B-C	Abstract Algebra	12.0	
MATH 118A-B-C	Real Analysis	12.0	
MATH 122A-B	Complex Variables	8.0	
MATH 124A-B	Intro to Partial Differential Equations	8.0	
MATH 201A-B-C	Real Analysis	12.0	
MATH 202A-B-C	Complex Analysis	12.0	
MATH 220A-B-C	Modern Algebra	12.0	
MATH 221A-B-C	Topology	12.0	
MATH 225A-B-C	Number Theory	12.0	
MATH 228A-B	Functional Analysis	8.0	
MATH 231A-B	Lie Groups and Lie Algebras	8.0	
MATH 232A-B-C	Algebraic Topology	12.0	
MATH 236A-B	Homological Algebra	8.0	
MATH 237A-B	Algebraic Geometry	4.0	
MATH 240A-B-C	Differential Geometry	12.0	

Courses approved by Exception			
MATH 260	Seminars in Mathematics	4.0	

Reading and Research (maximum 8.0 units allowed toward 42.0 unit requirement)			
COURSE #	COURSE NAME	UNITS	GRADE
MATH 596	Directed Reading and Research		
MATH 598	MA Thesis Research & Preparation		

CAPSTONE REQUIREMENT
<p>All students are expected to write and defend an original M.A. thesis. Following successful submission of the thesis, the student undergoes a thesis defense. Required coursework must be completed by the end of the quarter in which the thesis is submitted. The student's Master's Committee supervises the thesis research, administers the thesis defense, and certifies the completion of required coursework.</p> <p>M.A. Committee: Chair: _____</p> <p>Member: _____</p> <p>Member: _____</p>

<p>M.A. DEGREE REQUIREMENTS SATISFIED: _____ Quarter/Year</p> <p>DEPT GRADUATE ADVISOR SIGNATURE: _____</p> <p>_____</p> <p>Print Name</p>
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FOR GRADUATE DIVISION USE ONLY	
Admission status	
Residence requirement-minimum 3 quarters (<i>verify departmental requirement</i>)	
Required units completed	
Language requirement Satisfied (<i>if required</i>)	
No grades of I, NR, or NG	
3.0 or better GPA overall	
Registered quarter of degree or Filing Fee LOA: _____	
Master's Form I / COI and committee entered	
Master's Thesis date received (<i>signature page/e-filed and entered in SReg</i>): _____	
Master's Thesis Submission Fee: _____	
ProQuest ID _____ Permission Ltrs uploaded?	
Master's Degree Awarded (mm/dd/yy)	