

Student Name: _____

Perm: _____

B.S. / M.S. DEGREE – ACTUARIAL SCIENCE – 2023-24 (Master’s Plan II)

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 **52.0 units** are required for the B.S. program. 44 units are core course requirements, and 8 are elective courses. A total of **39.0 units** are required for the M.S. program. 27 units are core course requirements, and 12 are elective courses. For the combined B.S./M.S. program, there are a total of **91.0 units** required.*

B.S. CORE COURSE REQUIREMENTS (44.0 units total)				
COURSE #	COURSE NAME	QUARTER/YEAR TAKEN	UNITS	GRADE
PSTAT 120A	Probability and Statistics		4.0	
PSTAT 120B	Probability and Statistics		4.0	
PSTAT 120C	Probability and Statistics		4.0	
PSTAT 126	Regression Analysis		4.0	
PSTAT 130	SAS Base Programming		4.0	
PSTAT 160A	Applied Stochastic Processes		4.0	
PSTAT 160B	Applied Stochastic Processes		4.0	
PSTAT 170	Introduction to Mathematical Finance		4.0	
PSTAT 171	Mathematics of Fixed Income Markets		4.0	
PSTAT 172A	Actuarial Statistics I		4.0	
PSTAT 172B	Actuarial Statistics II		4.0	

M.S. CORE COURSE REQUIREMENTS (27.0 units total)				
COURSE #	COURSE NAME	QUARTER/YEAR TAKEN	UNITS	GRADE
PSTAT 213A	Intro. to Probability Theory and Stochastic Processes		4.0	
PSTAT 231	Data Mining		4.0	
PSTAT 274	Time Series		4.0	
PSTAT 276	Advanced Mathematical Finance		4.0	
PSTAT 296A	Intro to Research in Actuarial Science		4.0	
PSTAT 296B	Research Projects in Actuarial Science		4.0	
PSTAT 263 (1 unit/quarter for 3 quarters)	Seminar		3.0	
	Seminar			
	Seminar			

B.S. UNDERGRADUATE ELECTIVES (8.0 units total)

B.S. Undergraduate elective courses must be selected from the B.S. Actuarial Science major sheet

COURSE #	COURSE NAME	QUARTER/YEAR TAKEN	UNITS	GRADE
			4.0	
			4.0	

M.S. GRADUATE ELECTIVES (12.0 units total)

M.S. Graduate elective courses must be selected from the department's approved list of courses

COURSE #	COURSE NAME	QUARTER/YEAR TAKEN	UNITS	GRADE
			4.0	
			4.0	
			4.0	

CAPSTONE REQUIREMENTS

During the required course sequence PSTAT 296AB, students will complete a research project and submit a written report on topics of their interest in the area of actuarial science and financial mathematics. This course will be taught by faculty associated with the Center for Financial Mathematics and Actuarial Research (CFMAR), and supervised by the Actuarial Program Committee.

Report Approved (mm/dd/yy): _____

B.S. DEGREE REQUIREMENTS SATISFIED: _____
Quarter/Year

M.S. DEGREE REQUIREMENTS SATISFIED: _____
Quarter/Year

Dept. Director of Actuarial Program Signature: _____

Print Name

Date

Dept. Faculty Graduate Advisor Signature: _____

Print Name

Date

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)	