DEPARTMENT OF STATISTICS & APPLIED PROBABILITY
http://www.pstat.ucsb.edu
College of Letters and Science
University of California, Santa Barbara

Student Name:_____ Perm:_____

B.S. / M.S. DEGREE – ACTUARIAL SCIENCE – _____

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 requirement, and 8 are elective courses. A total of **39.0** units are required for the M.S. program. 27 units are core course requirement, 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. Each project will be supervised by at least one member of the department's ladder faculty and approved by a project committee that includes at least two members of the department's ladder faculty.

Report Approved (Date): _____

CONTINUATION TO THE Ph.D.

Continuation to the Ph.D. in the department of Statistics & Applied Probability is subject to the student's academic performance being deemed excellent by all standards that the department uses to assess degree progress including exams, grades, coursework, and timely progress towards the degree. Students must demonstrate an ability to work independently and to make innovative and original contributions to the critical literature of the field.

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	
Residence Requirement (3 quarters)	
Required Units Completed (39.0)	
No Incomplete Grades	
3.0 or Better GPA Overall	
B or Better in All Graduate Courses (200-level)	
Registered Quarter of Degree or Paid Filing Fee	
M.S. Degree Awarded (quarter): _____	