

This is to Verify that _____ has

_____ completed the UCD Subject Matter Competency Program.

_____ met the parts of the UCD Subject Matter Competency Program that are indicated below.

Course	Course Title	Units	Date completed	
			Quarter	Year
Math 12	Precalculus	3		
Math 21ABC	Calculus	12		
Math 21D	Vector Analysis	4		
Math 22B	Differential Equations	3		
Math 111	History of Mathematics	4		
Math 115A	Number Theory	4		
MAT 127A or 25	Real Analysis	4		
Math 141	Euclidean Geometry	4		
Math 150A	Modern Algebra	4		
Math [67] or [22A and 108]	Modern Linear Algebra	4 – 8		
Math 135A	Probability	4		
<i>Students select one (two) statistic course(s) from the following two choices:</i>		4--8		
Stats 130AB	Mathematical Statistics: Brief Course			
Stats 100	Applied Statistics for Biological Sciences			
<i>Students select one Computer Science course from the following three choices:</i>		4		
ENG 6	Engineering Problem Solving			
ECS 32A or 36A or 30	Introduction to Programming OR Programming and Problem Solving			
ECS 34 or 36B or 40	Software Development in UNIX & C/C++ OR Software Development and Object-Oriented Programming in C++			
Required Courses For Breadth & Perspective				
Course No.	Course Title	Quarter Units		
Math 127B or 125A	Real Analysis	4		
Math 167	Applied Linear Algebra	4		
<i>Students select one Education course from the following list:</i>		4		
Geo/Edu 183	Math-Science Education Teacher (MAST III)			
EDU 100	Introduction to Schools			
<i>Students select one Computing Skills course from the following list:</i>		4		
ECS 122A	Algorithm Design and Analysis			

Math 128A	Numerical Analysis			
Math 128B	Numerical Analysis in Solution of Equations			
Math 128C	Numerical Analysis in Differential Equations			
Math 168	Optimization			
<i>Students select one course from the following list:</i>		4		
Math 115B	Number Theory			
Math 118A	Partial Differential Equations: Elementary Methods			
Math 119A	Ordinary Differential Equations			
Math 127C or 125B	Real Analysis			
Math 145	Combinatorics			
Math 150B	Modern Algebra			
<i>Students select one of the following two Physics options:</i>		4—8		
PHY 9A	Classical Physics			
PHY 7AB	General Physics			
Minimum number of CORE quarter units in Math SMPP		58-62		
Minimum number of Breadth and Perspective quarter units in Math SMPP		24-28		
Total: Minimum number of CORE AND BREADTH quarter units in Math SMPP		82-94		

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 Department of Mathematics
 University of California, Davis

Signature: _____

Date: _____

Student's Name: _____