

Study Plan - Teaching Mathematics

Year I		
Semester 1 (Fall)		15 Credits
Code	Course Title	Credit Hours
ARAB 101	Academic Writing in Arabic	3
CMPS 100B	Introduction to Technical Computing for the Sciences	3
EDUC 120	Learning and Child Development	3
ENGL 101	Basic Academic English	3
MATH 199	Calculus I	3
Semester 2 (Spring)		16 Credits
Code	Course Title	Credit Hours
CHEM 130	Chemical Principles I	3
CHEM 130L	Introductory Chemistry Laboratory	1
EDUC 150	Introduction to Foundations of Education	3
ENGL 102A	English for Arts, Humanities & Social Science I	3
MATH 200	Calculus II	3
PSYC 150	Introduction to Psychology	3

Year II		
Semester 3 (Fall)		16 Credits
Code	Course Title	Credit Hours
ENGL 203A	English for Arts, Humanities & Social Science II	3
MATH 205	Calculus III	3
MATH 210	Differential Equations	3
PHYS 170	Fundamentals of Physics I	3
PHYS 170L	Introductory Physics Laboratory	1
MATH 240	Mathematics Computer Applications I	3
Semester 4 (Spring)		15 Credits
Code	Course Title	Credit Hours
ENGL 204	Advanced English for Academic Purposes & Research	3
MATH 250	Probability and Statistics	3
MATH 255	Statistical Inference	3
MATH 260	Numerical Analysis I	3
SOCS 102	Omani Society	3

Year III		
Semester 5 (Fall)		15 Credits
Code	Course Title	Credit Hours
EDUC 300	Curriculum Development and Analysis	3
EDUC 303	School Visit and Classroom Observation	3
EDUC 320	Instructional Methods and Strategies	3
MATH 280	Mathematics Computer Applications II	3
Code	Mathematics Major Elective	3
Semester 6 (Spring)		15 Credits
Code	Course Title	Credit Hours
EDUC 360	Educational System in Oman and GCC Countries	3
EDUC 365	Information and Communication Technologies in Education	3
ENTR 200	Entrepreneurship: Innovation & Creativity	3
EDUC 350B	Methods of Teaching Mathematics at the Elementary and Intermediate Level	3
Code	Mathematics Major Elective	3

Year IV		
Semester 7 (Fall)		18 Credits
Code	Course Title	Credit Hours
EDUC 420	Introduction to Research Methodology in Education	3
ENGL 305	Advanced English Language and Communication Skills	3
EDUC 440A	Methods of Teaching Mathematics at the Elementary and Intermediate Level II	3
EDUC 440B	Methods of Assessing learning of Mathematics at the elementary and intermediate level	3
Code	Mathematical or Physical nature/Science Elective	3
Code	Humanities and Social Science Elective	3
Semester 8 (Spring)		12 Credits
Code	Course Title	Credit Hours
EDUC 490	Senior Project	3
EDUC 485B	Practicum in teaching Mathematics at the elementary and intermediate level	6
Code	Major Education Elective	3
Completion of the B.Ed. in Education - Total Credits 122		

