

Bachelor of Science in Mathematics- Program of Study

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
ENGL 101	Basic Academic English	3
MATH 199	Calculus I	3
SOCS 102	Omani Society	3
Semester 2 (Spring)		17 Credits
Code	Course Title	Credit Hours
CHEM 130	Chemical Principles I	3
CHEM 130L	Introductory Chemistry Laboratory	1
ENGL 102E	English for Engineering and Sciences I	3
MATH 200	Calculus II	3
PHYS 170	Fundamentals of Physics I	3
PHYS 170L	Introductory Physics Laboratory	1
MATH 240	Mathematics Computer Applications I	3
Year II		
Semester 3 (Fall)		15 Credits
Code	Course Title	Credit Hours
ENGL 203E	English for Engineering and Sciences II	3
MATH 205	Calculus III	3
MATH 250	Probability and Statistics	3
ENTR 200	Entrepreneurship: Innovation & Creativity	3
	General Elective*	3
Semester 4 (Spring)		15 Credits
Code	Course Title	Credit Hours
ENGL 204	Advanced English for Academic Purposes and Research	3
MATH 210	Differential Equations	3
MATH 255	Statistical Interference	3
MATH 260	Numerical Analysis I	3
MATH 120	Geometry and Trigonometry	3

Year III		
Semester 5 (Fall)		16 Credits
Code	Course Title	Credit Hours
MATH 305	Advanced Calculus	3
MATH 320	Linear Algebra I	3
PHYS 210	Fundamental of Physics II	3
PHYS 210L	Physics Lab II	1
	Major Elective	3
	Major Elective	3
Semester 6 (Spring)		15 Credits
Code	Course Title	Credit Hours
CHEM 170	Chemical Principals II	3
MATH 360	Linear Algebra II	3
MATH 370	Discrete Mathematics	3
ENGL 305	Communication Skills	3
	Major Elective	3
Year IV		
Semester 7 (Fall)		15 Credits
Code	Course Title	Credit Hours
MATH 415	Abstract Algebra I	3
	Major Elective	3
	Major Elective	3
	Physical and Natural Sciences Elective	3
	General Elective	3
Semester 8 (Spring)		13 Credits
Code	Course Title	Credit Hours
MATH 470	Complex Analysis	3
MATH 490	Mathematics Seminar	1
	Major Elective	3
	Major Elective	3
	Humanities and Social Science Elective	3
Completion of the BS in Mathematics - Total Credits 121-122		