

Plan of Study (Teaching Science)

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 I	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)		14 Credits
Code	Course Title	Credit Hours
BIOL 120	Introductory Biology with Laboratory	3
BIOL 120L	Introductory Biology Laboratory	1
ENGL 203A	English for Arts, Humanities & Social Science II	3
PHYS 170	Fundamentals of Physics I	3
PHYS 170L	Introductory Physics Laboratory	1
SOCS 102	Omani Society	3

Semester 4 (Spring)		16 Credits
Code	Course Title	Credit Hours
BIOL 160	Contemporary Issues in Biology	3
CHEM 170	Chemical Principles II	3
ENGL 204	Advanced English for Academic Purposes and Research	3
PHYS 210	Fundamentals of Physics	3
PHYS 210L	Physics Lab II	1
Code	Physical/Natural Sciences Elective	3
Year III		
Semester 5 (Fall)		15 Credits
Code	Course Title	Credit Hours
EDUC 300	Curriculum Development and Analysis	3
EDUC 303S	School Visits and Classroom Observation: Teaching Science	3
EDUC 320	Instructional Methods and Strategies	3
Code	Physical/Natural Sciences Elective	3
Code	Physical/Natural Sciences Elective	3
Semester 6 (Spring)		15 Credits
Code	Course Title	Credit Hours
EDUC 360	Educational Systems in Oman and the GCC Countries	3
EDUC 365	Information and Communication Technologies (ICT) in Education	3
ENTR 200	Entrepreneurship: Innovation and Creativity	3
EDUC 350S	Methods of Teaching Science I	3
Code	Physical/Natural Sciences Elective	3
Year IV		
Semester 7 (Fall)		18 Credits
Code	Course Title	Credit Hours
EDUC 420	Introduction of Research Methodology in Education	3
ENGL 305	Advanced English Language and Communication Skills	3
EDUC 410S	Methods of Teaching Science II	3
EDUC 440S	Assessment and Evaluation in Teaching Science	3
Code	Major Education Elective	3
Code	Humanities/Social Sciences Elective	3
Semester 8 (Spring)		12 Credits
Code	Course Title	Credit Hours
EDUC 485S	Practicum in Teaching Science	6
EDUC 490S	Senior Project: Teaching Science	3
Code	Major Education Elective	3
Completion of the B.Ed. in Science - Total Credits 121		