

Study Plan: Teaching Information Technology

Year I		
Semester 1 (Fall)		15 Credits
Code	Course Title	Credit Hours
EDUC 120	Learning and Child Development	3
CMPS 100B	Introduction to Technical Computing for the Sciences	3
CMPS 110	Introduction to Programming	3
ENGL 101	Basic Academic English I	3
MATH 103	Mathematics for Social Sciences I	3
Semester 2 (Spring)		15 Credits
Code	Course Title	Credit Hours
EDUC 150	Introduction to Foundations of Education	3
CMPS 160	Data Abstraction	3
CMPS 180	Digital System Design	3
ENGL 102A	English for Arts, Humanities & Social Science I	3
MATH 370	Discrete Mathematics	3

Year II		
Semester 3 (Fall)		14 Credits
Code	Course Title	Credit Hours
EDUC 150	Introduction to Foundations of Education	3
CMPS 160	Data Abstraction	1
CMPS 180	Digital System Design	3
ENGL 102A	English for Arts, Humanities & Social Science I	3
MATH 370	Introductory Physics Laboratory	1
SOCS 102	Omani Society	3
Semester 4 (Spring)		15 Credits
Code	Course Title	Credit Hours
ARAB 101	Academic Writing in Arabic	3
CMPS 250	Computer Networks	3
CMPS 260	Operating Systems	3
CMPS 270	Database Systems	3
ENGL 204	Advanced English for Academic Purposes & Research	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
SOCS 102	Omani Society	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
EDUC 350D	Methods of Teaching IT at the Elementary and Intermediate Level (Grade 1-10) I	3
Code	Major Education Elective	3
Code	Computer Science Major Elective	3

Year IV		
Semester 7 (Fall)		18 Credits
Code	Course Title	Credit Hours
EDUC 420	Introduction to Research Methodology in Education	3
EDUC 305	Advanced English Language and Communication Skills	3
EDUC 410D	Methods of Teaching IT at the Elementary and Intermediate Levels (Grades 1-10) II	3
EDUC 440D	Methods of Assessing Learning of IT at the Elementary and Intermediate Levels (Grades 1-10)	3
Code	Computer Science Major 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 485D	Practicum in Teaching IT at the Elementary and Intermediate Levels (Grades 1-10)	6
	Major Education Elective	3
Completion of the B.Ed. in Information Technology - Total Credits 120		