

Plan of Study (POS) for Diploma in Computer 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
CMPS 110	Introduction to Programming	3
ENGL 101	Basic Academic English	3
MATH 199	Calculus I	3
Semester 2 (Spring)		15 Credits
Code	Course Title	Credit Hours
CMPS 160	Data Abstraction	3
CMPS 180	Digital System Design	3
ENGL 102C	English for Computer Science I	3
MATH 370	Discrete Mathematics	3
SOCS 102	Omani Society	3
Year II		
Semester 3 (Fall)		15 Credits
Code	Course Title	Credit Hours
CMPS 215	Computer Organization with Assembly Language	3
CMPS 240	Analysis of Algorithms	3
ENGL 203C	English for Computer Science II	3
ENTR 200	Entrepreneurship: Innovation and Creativity	3
Code	Major Elective (Suggested: CMPS200)	3
Semester 4 (Spring)		15 Credits
Code	Course Title	Credit Hours
CMPS 250	Computer Networks	3
CMPS 260	Operating Systems	3
CMPS 270	Database Systems	3
Code	Major Elective	3
Code	General Elective	3