

Plan of Study: Diploma in Chemistry

Year I		
Semester 1 (Fall)		16 Credits
Code	Course Title	Credit Hours
CHEM 130	Chemical Principles I	3
CHEM 130L	Introductory Chemistry Laboratory	1
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)		16 Credits
Code	Course Title	Credit Hours
ARAB 101	Academic Writing in Arabic	3
CHEM 170	Chemical Principles II	3
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
Year II		
Semester 3 (Fall)		15 Credits
Code	Course Title	Credit Hours
CHEM 210	Organic Chemistry I	3
ENGL 203E	English for Engineering and Sciences II	3
MATH 205	Calculus III	3
ENTR 200	Entrepreneurship: Innovation & Creativity	3
Code	General Elective*	3
Semester 4 (Spring)		15Credits
Code	Course Title	Credit Hours
CHEM 250	Organic Chemistry II	3
CHEM 255	Organic Chemistry Laboratory	4
CHEM 260	Analytical Chemistry	3
CHEM 265	Analytical Chemistry Laboratory	2
ENGL 204	Advanced English for Academic Purposes and Research	3
Total Credits for the Diploma degree: 62 credit hrs.		

* A course in programming, Computer Science CMPS 110, is highly recommended for Chemistry major