جامعة صحار
Sohar University

Programme Matrix

Faculty	Faculty of Computing and Information Technology
Program	Computing and Web Engineering (CWE)
Award	Diploma of Computing and Web Engineering
Credit Hours / Units	67 Credit Hours / 36 Units
Academic Year	2025/2026

Level	Semester 1					Semester 2				
	Course Code	Course Name	Pre-requisite	Core/ Elective	Units / Credits	Course Code	Course Name	Pre-requisite	Core/ Elective	Units/ Credits
1	COMP1117	Computer Architecture & Organization	IC3	Core	2/4	COMP1217	Fundamentals of Database Systems	IC3	Core	2/4
	COMP1116	Computer Programming	IC3	Core	2/4	COMP1216	Algorithms and Data Structure	None	Core	2/4
	COMP1118	Discrete Mathematics	IC3	Core	2/3	COMP1213	Computer Networks I	IC3	Core	2/4
	UNIR1100	Communication Skills I	None	Core	2/3	COMP1218	Introduction To Web & Multimedia Technology	None	Core	2/4
	UNIR1001	Oman and Islamic Culture	None	Core	1/2	UNIR1002	Arabic Language Skills	None	Core	1/2
2	COMP2100	Human Computer Interaction	None	Core	2/4	COMP2215	Operating System & Security	None	Core	2/4
	COWE2100	Web Application Development	COMP1218	Core	2/4	INTR2002	Industrial Training	None	Core	0
	COMP2108	Object Oriented Programming	COMP1116	Core	2/4	COMP2220	Web Information Systems	None	Core	2/4
	UNIR2001	Entrepreneurship	None	Core	2/2	UNIR2100	Communication Skills II	UNIR1100	Core	2/3
	COMP2111	System Analysis and Design	COMP1116	Core	2/4	COMP1220	Computer Security Fundamental	None	Elective	2/4
						COMP2222	Computer Animation	None	Elective	
						ARIN2201	Introduction to Business Intelligence	None	Elective	