

Diploma Second Year (Network Computing)**TOTAL CREDITS = 30**

Course Code	Course Title	Credit Hours	University/ College/ Specialization Requirement	Prerequisite	Semester
CSNW2102	Introduction to Routing and Switching	3	Specialization	CSCN1104 – Computer Networking Fundamentals	Semester 1
CSWD2101	Web Development II	3	College	CSWD1103 – Web Development – I	
CSNW2101	Internet of Things (IoT)	3	Specialization	CSCN1104 – Computer Networking Fundamentals	
CSSE2101	Introduction to Software Engineering	3	Specialization	CSCM1101 – Fundamentals of Computing and Information Systems	
CSSY2101	Advanced Information Security	3	Specialization	CSSY1208 – Introduction to Information Security	
	General Requirement (Elective)	3	University		Semester 2
UNEP2109	Entrepreneurship	3	University		
CSSY2201	Introduction to Cryptography	3	Specialization	CSSY2101 - Advanced Information Security	
MATH2101	Mathematics for Computing	3	Specialization	MATH1202 – Calculus I	
CSNW2203	Diploma Course Project	3	Specialization	CSNW2101 - Internet of Things (IoT)	

Diploma Second Year (Software Engineering)**TOTAL CREDITS = 30**

Course Code	Course Title	Credit Hours	University/ College/ Specialization Requirement	Prerequisite	Semester
	General Requirement (Elective)	3	University		Semester 1
CSWD2101	Web Development II	3	College	CSWD1103 – Web Development I	
CSDS2101	Database Systems	3	Specialization	CSDB1102 – Introduction to Database	
CSSE2101	Introduction to Software Engineering	3	Specialization	CSCM1101 – Fundamentals of Computing and Information Systems	
MATH2101	Mathematics for Computing	3	Specialization	MATH1202 – Calculus – I	
CSSE2202	Object Oriented Programming	3	Specialization	CSPG1205 – Introduction to Programming	Semester 2
UNEP2109	Entrepreneurship	3	University	UNEN1203 – English II	
CSSE2203	Data Structures and Algorithms	3	Specialization	CSPG1205 – Introduction to Programming	
CSSE2204	Special Topics	3	Specialization	None	
CSSE2205	Diploma Course Project	3	Specialization	CSSE2101 – Introduction to Software Engineering AND { CSWD2101 - Web Development II OR CSPG1205 – Introduction to Programming }	

Diploma Second Year (Information System)

TOTAL CREDITS = 30

Course Code	Course Title	Credit Hours	University/ College/ Specialization Requirement	Prerequisite	Semester
BSFB2101	Fundamentals of Business	3	Specialization	None	Semester 1
CSIS2101	Systems Analysis & Design	3	Specialization	CSDB1102 – Introduction to Database AND CSCM1101 – Fundamentals of Computing and Information Systems	
CSWD2101	Web Development II	3	College	CSWD1103 – Web Development I	
CSDS2101	Database Systems	3	Specialization	CSDB1102 – Introduction to Database	
	General Requirement (University Elective)	3	University		
UNEP2109	Entrepreneurship	3	University		Semester 2
CSSE2202	Object-Oriented Programming	3	Specialization	CSPG1205 – Introduction to Programming	
CSSE2204	Special Topics	3	Specialization	None	
BSHR2102	Organizational Behavior	3	Specialization	BSFB2101 – Fundamentals of Business	
CSIS2202	Diploma Course Project	3	Specialization	CSIS2101 – Systems Analysis & Design AND CSWD2101 – Web Development II	

University Elective courses across all levels:

course	Course title	Credit hours	University/ College/ Specialization Requirement	Prerequisite
UNCS2215	Communication Skills	3	University	
UNPR2217	Preparing for Work	3	University	
UNWE2216	Working Ethics	3	University	
UNIS2206	Islamic Studies	3	University	
UNOC2207	Oman Civilization and Man	3	University	
UNCT2210	Critical Thinking	3	University	
UNCL2211	Chinese Language	3	University	
UNFL2213	French Language	3	University	
UNGL2215	German Language	3	University	