

FACULTY OF ICT- COURSE ALLOCATION-SUMMER 2024

1.0.1. BSc Curriculum (Major in ICT)

BSc Curriculum (Major in ICT)					
YEAR 1					
Year 1 Fall	Real Analysis I	MTH 1101	1 Group		M
Year 1 Fall	Computing in Society	ICT 1115	1 Group		M
Year 1 Fall	Research Methods for Computer Science Engineers	ICT 1112	1 Group		M
Year 1 Fall	Algorithms and Data Structures I	ICT 1111	1 Group		M
Year 1 Fall	PC Hardware Assembly	ICT 1101	1 Group		M
Year 1 Fall	Freshman English/ TOEFL/IELTS Certification	EGL1110	1 Group		R
YEAR 2					
Year 2 Fall	Technical Writing for Engineers	ICT 2002	3 Groups		M
Year 2 Fall	Introduction to Software Engineering	ICT 2140	3 Groups		M
Year 2 Fall	Computer Organization and Architecture	ICT 2110	3 Groups		M
Year 2 Fall	Java Programming I	ICT 2113	3 Groups		M
Year 2 Fall	Programming in Python	ICT 2130	3 Groups		M
Year 2 Fall	Probability and Statistics	MTH 2001	3 Groups		M

	YEAR 3				
Year 3 Fall	Software Design and Modelling	SE 3140	1 Group		M
Year 3 Fall	Introduction to Mobile Application Development	CS 3410	1 Group		M
Year 3 Fall	Relational Databases and Web Integration	SE 3102	1 Group		M
Year 3 Fall	Software Architecture	SE 3112	1 Group		M
Year 3 Fall	CCNA 1	ISN 3201	1 Group		E
Year 3 Fall	Business Innovation and Entrepreneurship	BUS 3050	1 Group		R
	YEAR 4				
Year 4 Fall	Large Systems Environments	SE 4121	1 Group		M
Year 4 Fall	Distributed Systems and Cloud Computing	CS 4122	1 Group		M
Year 4 Fall	Artificial Intelligence	CS 4160	1 Group		M
Year 4 Fall	Software Project Management	SE 4140	1 Group		M
Year 4 Fall	Network Administration/Directory Services	ISN 4112	1 Group		E
Year 4 Fall	Compiler Construction	CS 4110	1 Group		E

1.0.2. BSc Curriculum (Major in ISN)

BSc Curriculum (Major in ISN)					
YEAR 1					
Year 1 Fall	Real Analysis I	MTH 1101	1 Group		M
Year 1 Fall	Computing in Society	ICT 1115	1 Group		M
Year 1 Fall	Research Methods for Computer Science Engineers	ICT 1112	1 Group		M
Year 1 Fall	Algorithms and Data Structures I	ICT 1111	1 Group		M
Year 1 Fall	PC Hardware Assembly	ICT 1101	1 Group		M
Year 1 Fall	Freshman English/ TOEFL/IELTS Certification	EGL1110	1 Group		R
YEAR 2					
Year 2 Fall	Technical Writing for Engineers	ICT 2002	3 Groups		M
Year 2 Fall	Introduction to Software Engineering	ICT 2140	3 Groups		M
Year 2 Fall	Computer Organization and Architecture	ICT 2110	3 Groups		M
Year 2 Fall	Java Programming I	ICT 2113	3 Groups		M
Year 2 Fall	Programming in Python	ICT 2130	3 Groups		M
Year 2 Fall	Probability and Statistics	MTH 2001	3 Groups		M
YEAR 3					
Year 3 Fall	The Agile Professional	SE 3122	1 Group		M

Year 3 Fall	Business Innovation and Entrepreneurship	BUS 3050	1 Group		R
Year 3 Fall	CCNA 1	ISN 3201	1 Group		M
Year 3 Fall	Wide Area Networks	ISN 3210	1 Group		M
Year 3 Fall	Cyber Security	ISN3203	1 Group		M
Year 3 Fall	Wireless and Mobile Networks	ISN 3110	1 Group		M
	YEAR 4				
Year 4 Fall	Distributed Systems and Cloud Computing	CS 4122	1 Group		M
Year 4 Fall	Artificial Intelligence	CS 4160	1 Group		M
Year 4 Fall	Network Administration/Directory Services	ISN 4112	1 Group		M
Year 4 Fall	Network Design and Implementation	ISN 4110	1 Group		M
Year 4 Fall	IP Telephony and Intercom Systems	ISN 4120	1 Group		M
Year 4 Fall	Software Project Management	SE 4140	1 Group		E

1.0.3. BSc Curriculum (Major in CS)

YEAR 1					
Year 1 Fall	Real Analysis I	MTH 1101	1 Group		M
Year 1 Fall	Computing in Society	ICT 1115	1 Group		M
Year 1 Fall	Research Methods for Computer Science Engineers	ICT 1112	1 Group		M
Year 1 Fall	Algorithms and Data Structures I	ICT 1111	1 Group		M
Year 1 Fall	PC Hardware Assembly	ICT 1101	1 Group		M
Year 1 Fall	Freshman English/ TOEFL/IELTS Certification	EGL1110	1 Group		R
YEAR 2					
Year 2 Fall	Technical Writing for Engineers	ICT 2002	3 Groups		M
Year 2 Fall	Introduction to Software Engineering	ICT 2140	3 Groups		M
Year 2 Fall	Computer Organization and Architecture	ICT 2110	3 Groups		M
Year 2 Fall	Java Programming I	ICT 2113	3 Groups		M
Year 2 Fall	Programming in Python	ICT 2130	3 Groups		M
Year 2 Fall	Probability and Statistics	MTH 2001	3 Groups		M
YEAR 3					
Year 3 Fall	Software Design and Modelling	SE 3140	1 Group		M

Year 3 Fall	Introduction to Mobile Application Development	CS 3410	1 Group		M
Year 3 Fall	Relational Databases and Web Integration	SE 3102	1 Group		M
Year 3 Fall	Software Architecture	SE 3112	1 Group		M
Year 3 Fall	Business Innovation and Entrepreneurship	BUS 3050	1 Group		R
Year 3 Fall	CCNA 1	ISN 3201	1 Group		E
	YEAR 4				
Year 4 Fall	Distributed Systems and Cloud Computing	CS 4122	1 Group		M
Year 4 Fall	Software Project Management	SE 4140	1 Group		M
Year 4 Fall	Artificial Intelligence	CS 4160	1 Group		M
Year 4 Fall	Compiler Construction	CS 4110	1 Group		M
Year 4 Fall	Network Design and Implementation	ISN 4110	1 Group		E
Year 4 Fall	Advanced Web Development	CS 4132	1 Group		E

1.0.4. BSc Curriculum (Major in SE)

	YEAR 1				
Year 1 Fall	Real Analysis I	MTH 1101	1 Group		M
Year 1 Fall	Computing in Society	ICT 1115	1 Group		M
Year 1 Fall	Research Methods for Computer Science Engineers	ICT 1112	1 Group		M
Year 1 Fall	Algorithms and Data Structures I	ICT 1111	1 Group		M
Year 1 Fall	PC Hardware Assembly	ICT 1101	1 Group		M
Year 1 Fall	Freshman English/ TOEFL/IELTS Certification	EGL1110	1 Group		R
	YEAR 2				
Year 2 Fall	Technical Writing for Engineers	ICT 2002	3 Groups		M
Year 2 Fall	Introduction to Software Engineering	ICT 2140	3 Groups		M
Year 2 Fall	Computer Organization and Architecture	ICT 2110	3 Groups		M
Year 2 Fall	Java Programming I	ICT 2113	3 Groups		M
Year 2 Fall	Programming in Python	ICT 2130	3 Groups		M
Year 2 Fall	Probability and Statistics	MTH 2001	3 Groups		M
	YEAR 3				
Year 3 Fall	Software Design and Modelling	SE 3140	1 Group		M

Year 3 Fall	Introduction to Mobile Application Development	CS 3410	1 Group		M
Year 3 Fall	Relational Databases and Web Integration	SE 3102	1 Group		M
Year 3 Fall	Business Innovation and Entrepreneurship	BUS 3050	1 Group		M
Year 3 Fall	The Agile Professional	SE 3122	1 Group		M
Year 3 Fall	Cyber Security	ISN3203	1 Group		E
	YEAR 4				
Year 4 Fall	Large Systems Environments	SE 4121	1 Group		M
Year 4 Fall	Distributed Systems and Cloud Computing	CS 4122	1 Group		M
Year 4 Fall	Software Project Management	SE 4140	1 Group		M
Year 4 Fall	Artificial Intelligence	CS 4160	1 Group		M
Year 4 Fall	Compiler Construction	CS 4110	1 Group		M
Year 4 Fall	Network Design and Implementation	ISN 4110	1 Group		E

1.0.5. BSc Curriculum (Major in Cybersecurity)

	YEAR 1				
Year 1 Fall	Real Analysis I	MTH 1101	1 Group		M
Year 1 Fall	Computing in Society	ICT 1115	1 Group		M

Year 1 Fall	Research Methods for Computer Science Engineers	ICT 1112	1 Group		M
Year 1 Fall	Algorithms and Data Structures I	ICT 1111	1 Group		M
Year 1 Fall	PC Hardware Assembly	ICT 1101	1 Group		M
Year 1 Fall	Freshman English/ TOEFL/IELTS Certification	EGL1110	1 Group		R
	YEAR 2				
Year 2 Fall	Technical Writing for Engineers	ICT 2002	3 Groups		M
Year 2 Fall	Introduction to Software Engineering	ICT 2140	3 Groups		M
Year 2 Fall	Computer Organization and Architecture	ICT 2110	3 Groups		M
Year 2 Fall	Java Programming I	ICT 2113	3 Groups		M
Year 2 Fall	Programming in Python	ICT 2130	3 Groups		M
Year 2 Fall	Probability and Statistics	MTH 2001	3 Groups		M
	YEAR 3				
Year 3 Fall	Business Innovation and Entrepreneurship	BUS 3050	1 Group		M
Year 3 Fall	CCNA 1	ISN 3201	1 Group		M
Year 3 Fall	Wide Area Networks	ISN 3210	1 Group		M
Year 3 Fall	Cyber Security	ISN3203	1 Group		M
Year 3 Fall	Wireless and Mobile Networks	ISN 3110	1 Group		M
Year 3 Fall	The Agile Professional	SE 3122	1 Group		E

	YEAR 4				
Year 4 Fall	Ethical Hacking	CS 4115	1 Group		M
Year 4 Fall	Vulnerability Assessment and Penetration Testing	CS 4116	1 Group		M
Year 4 Fall	Distributed Systems and Cloud Computing	CS 4122	1 Group		M
Year 4 Fall	Cloud Computing Security	CS 4117	1 Group		M
Year 4 Fall	Mobile, Wireless and VoIP Security	CS 4118	1 Group		M
Year 4 Fall	IP Telephony and Intercom Systems	ISN 4120	1 Group		E

1.1. MSc Curriculum

1.1.1. MSc Curriculum (Major in ISN)

	YEAR 1				
Year 1 Fall	Information Systems Security	ISN 6010	6		M
Year 1 Fall	Advanced Web Programming	ISN 6020	6		M
Year 1 Fall	Advanced Multimedia Networking	ISN 6115	6		M
Year 1 Fall	Advanced Programming with Python	ISN 6028	6		M
Year 1 Fall	Advanced Database Management Systems	MscIT 602	6		M
Year 1 Fall	Business Innovation and Entrepreneurship	MBA7060	6		M
	YEAR 2				

Year 2 Fall	Research Methods	ISN 6550	6		M
Year 2 Fall	Process Innovation and Management	ISN 6150	6		M
Year 2 Fall	Management of Local Area Networks	ISN 6155	6		M
Year 2 Fall	Design and Analysis of Network Systems	ISN 6030	6		M
Year 2 Fall	Network Security	ISN 6013	6		M

1.1.2. MSc Curriculum (Major in ISS)

	YEAR 1				
Year 1 Fall	Advanced Web Programming	ISN 6020	6		M
Year 1 Fall	Advanced Multimedia Networking	ISN 6115	6		M
Year 1 Fall	Advanced Programming with Python	ISN 6028	6		M
Year 1 Fall	Advanced Database Management Systems	MscIT 602	6		M
Year 1 Fall	Information Systems Security	ISN 6010	6		M
Year 1 Fall	Business Innovation and Entrepreneurship	MBA7060	6		M
	YEAR 2				
Year 2 Fall	Research Methods	ISN 6550	6		M

Year 2 Fall	Cloud Computing Security	ISN 6106	6		M
Year 2 Fall	Cyber Security Law and Governance	ISN 6012	6		M
Year 2 Fall	Mobile, Wireless and VoIP Security	ISN 6121	6		M
Year 2 Fall	Digital Forensics	ISN 6014	6		M

1.1.3. MSc Curriculum (Major in IT)

MSc Curriculum (Major in IT)					
YEAR 1					
Year 1 Fall	Advanced Multimedia Networking	ISN 6115	6		M
Year 1 Fall	Advanced Programming with Python	ISN 6028	6		M
Year 1 Fall	Advanced System Analysis and Design	MscIT 601	6		M
Year 1 Fall	Advanced Database Management Systems	MscIT 602	6		M
Year 1 Fall	Advanced Software Engineering Methodology	MscIT 603	6		M
Year 1 Fall	Business Innovation and Entrepreneurship	MBA7060	6		M
YEAR 2					

Year 2 Fall	Research Methods	ISN 6550	6		M
Year 2 Fall	Management of Local Area Networks	ISN 6155	6		M
Year 2 Fall	Quality Assurance in Software Development	ISN 6025	6		M
Year 2 Fall	Design and Analysis of Network Systems	ISN 6030	6		M
Year 2 Fall	Advanced Web Programming	ISN 6020	6		M