

8-Semester Curriculum Plan after the Readiness Program
Department of Information Science
Bachelor of Science in Information Sciences
(Recommended Sequence)

Course #	Title	LE-LB-CR	Prerequisite	Category	
Freshman Year (First Year)					
Semester 1	ELU126	Academic Writing & Research skills	3-0-3	ELU106	GE – Language& Communication Domain
	ISC100	Fundamentals of Personal Computers	2-3-3	ELU106	GE – Science, Health & Technology Domain
	CLS107	College Algebra	3-0-3	ELU106	GE – Science, Health & Technology Domain
	XXX	General Elective (GE)	3		GE – Creative Expression Domain
	XXX	General Elective (GE)	3		GE – Language and Communication Domain
Semester 2	ELU146	Academic Oral skills	3	ELU126	GE – Language and Communication Domain
	ISC101	Introduction to Information System	3-0-3	ELU106	ISC Core
	CLS108	Applied Calculus	3-0-3	ELU106	GE – Science, Health & Technology Domain
	CLS100	Arabic Language	3-0-3		GE – Language& Communication Domain
	HIS102	History of Arabic & Islamic Civilization	3-0-3		GE – Culture & Society Domain
	XXX	General Elective (GE)	3		GE – Culture and Society Domain
Sophomore Year (Second Year)					
Semester 3	ISC105	Computers & Society	3-0-3	ELU106	GE – Culture & Society Domain
	ISC115	Computing Foundations	2-3-3	CLS107 & CLS108	ISC Core
	XXX	IS Environment Elective (EE)	3		IS-EE
	CLS103	Arabic Writing & Presentation Skills	3-0-3		GE – Language& Communication
	XXX	General Elective (GE)	3		GE – Creative Expression Domain
	XXX	General Elective (GE)	3		GE – Leadership Competency Domain
Semester 4	ISC210	Computational Methods	2-3-3	ISC115	ISC Core
	ISC240	Programming & Problem Solving	3-3-4	ISC101 & ISC115	ISC Core
	XXX	IS Environment Elective (EE)	3		IS-EE
	CLS109	Statistics	3	ELU106	GE – Science, Health & Technology Domain
	CLS130	Ethics and Practices	3-0-3	ELU106	GE – Culture & Society Domain
Junior Year (Third Year)					
Semester 5	CLS253	Technical Writing	3-0-3	ELU 126	ISC Core
	ISC241	Data Structures	3-3-4	ISC240	ISC Core
	ISC331	IS Theory & Practice	3-0-3	ISC240	ISC Core
	ISC363	Computer Organization	3-0-3	ISC210 & ISC240	ISC Core
	XXX	IS Environment Elective (EE)	3		IS-EE
Semester 6	ISC321	Database Systems I	2-3-3	ISC241	ISC Core
	ISC340	Web Programming I	3-3-4	ISC241	ISC Core
	ISC350	Networks & Telecommunication	2-3-3	ISC210 & ISC241 & CLS109	ISC Core
	XXX	General Elective (GE)	3		GE – Leadership Competency Domain
	XXX	IS Environment Elective (EE)	3		IS-EE
Senior Year (Fourth Year)					
Semester 7	ISC353	Information Security Systems	3-0-3	ISC350	ISC Core
	ISC357	OS & File System Organization	2-3-3	ISC210 & ISC241	ISC Core
	XXX	IS Environment Elective (EE)	3		IS-EE
	XXX	Free Elective (FE)	3		FE
	ISC 480	IS Development	2-3-3	ISC321	ISC Core
Semester 8	ISC088	Portfolio Review	0	Dept. Approv. & 100 CR	ISC Core
	ISC495	Internship	0-0-3	90 CR	ISC Core
	ISC499	Capstone Project	1-6-3	Dept. Approv. & 100 CR	ISC Core
	XXX	General Elective (GE)	3		GE – Science, Health & Technology Domain
	XXX	IS Elective (IS-E)	3		IS-E

