

Information Systems

Program Study Plan

Foundation 1 – Semester 1		LEC	LAB	CR
LANG 011	Reading & Critical Thinking 1	2	2	3
LANG 013	Academic Writing 1	2	2	3
LANG 015	Listening and Speaking 1	2	2	3
SSKL 021	Independent Learning & Research Skills 1	1	2	2
HSS 051	Introduction to HSS 1	3	–	3
HSS 055	Cases and Projects in Psychology & Language 1	1	2	2
MATH 041	Basic Math 1	3	–	3
CL 031	Computer Literacy	–	2	–
TOTAL				19

Foundation 2 – Semester 2		LEC	LAB	CR
LANG 012	Reading & Critical Thinking 2	2	2	3
LANG 014	Academic Writing 2	2	2	3
LANG 016	Listening and Speaking 2	2	2	3
SSKL 022	Independent Learning & Research Skills 2	1	2	2
HSS 054	Critical Thinking & Problem Solving Skills for HSS 2	2	2	3
HSS 056	Cases and Projects in Psychology & Language 2	1	2	2
MATH 042	Basic Math 2	3	–	3
IL 032	Information Literacy	–	2	–
TOTAL				19

Year 1 – Semester 1		LEC	LAB	CR
GMTH 142E	Calculus I for Computing	2	2	3
GCS 150	Digital Skills: Information and Computer Literacy	2	2	3
CS 105	Fundamentals of Computing	2	2	3
GENG 161	Linguistic Communication (English)	1	2	2
GISL 171	Social and Moral Values in Islam	1	2	2
	Linguistic Communication (Arabic)	–	–	3
TOTAL				16

Year 1 – Semester 2		LEC	LAB	CR
MATH 129	Calculus II	3	1	3
IS 101	Introduction to Information Systems	2	2	3
IS 102	Ethics in Computing	2	–	2
GSTA 140	Elementary Statistic	2	2	3
GPHY 112	Foundation in Physics	2	3	3
	Islamic Thought and Ethics Requirement	2	1	2
TOTAL				16

Year 2 – Semester 3		LEC	LAB	CR
MGT 220	Business Technical Elective 1: Introduction to Management	2	2	3
CS 120	Object Oriented Programming	2	2	3
IS 202	IT Infrastructure	2	2	3
IS 240	Database Systems	1	2	2
	Linguistic Communication (English)	–	–	2
	Physical and Environmental Wellbeing	–	–	2
TOTAL				15

Year 2 – Semester 4		LEC	LAB	CR
IS 221	System Analysis and Design	2	2	3
IS 231	Introduction to Information Security	2	2	3
	Core Concentration Requirement 1	–	–	3
MATH 203	Discrete Mathematics	1	2	2
	Linguistic Communication (Foreign Languages)	–	–	2
	Islamic Thought and Ethics Requirement	–	–	3
TOTAL				16

Year 3 – Semester 5		LEC	LAB	CR
	Linguistic Communication (Foreign Languages)	–	–	2
	Core Concentration Requirement 2	–	–	3
IS 351	Project Management	3	–	3
MGT 326	Organization Behavior	3	–	3
	Cultural Literacy	–	–	3
GSEM 200	Interdisciplinary Seminar & Research	2	2	3
TOTAL				17

Year 3 – Semester 6		LEC	LAB	CR
	Civic Engagement Requirement	–	–	2
STAT 202	Statistics for Computing	3	1	3
	Core Concentration Requirement 3	–	–	3
IS 380	Research & Professional Writing	3	–	3
	Global Awareness Requirement	–	–	3
	IS/CS Technical Elective	–	–	3
TOTAL				17

Year 3 – Summer		LEC	LAB	CR
IS 392	Summer Training	–	–	2
TOTAL				2

Year 4 – Semester 7		LEC	LAB	CR
	Core Concentration Requirement 4	–	–	3
IS 493	Senior Project 1	–	–	3
	Concentration Recommended Course 1	–	–	3
	Concentration Recommended Course 2	–	–	3
	Business Technical Elective	–	–	3
TOTAL				15

Year 4 – Semester 8		LEC	LAB	CR
IS 494	Senior Project 2	–	–	3
	Concentration Recommended Course 3	–	–	3
	IS/CS Technical Elective	–	–	3
	Business Technical Elective	–	–	3
	IS/CS Technical Elective	–	–	3
TOTAL				15

Advising Flowchart

* Classes Which May Require Departmental Approval

