Program: Bachelor of Science in Information System

Department: Information Technology Department

College: College of Engineering and Information Technology

Date of Last Revision: March 8, 2010

First Year - First Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS101	Fundamentals of Information Systems / Information Management	3	3	0	3	0	
IS 102	Introduction to the IM Profession and Ethics	3	3	0	3	3	
Math 1.7	College Algebra	3	3	0	3	0	
Eng 1	Study and Thinking Skills	3	3	0	3	0	
Bio 1	Introduction to Biological Sciences	3	3	0	3	0	
Hum 1	Introduction to Humanities	3	3	0	3	0	
PE 1	Physical Fitness	2	2	0	2	0	
NSTP 1	CMT/LTS	(-3)	3	0	3	0	

First Year - Second Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS 103	Fundamentals of Programming, Data, File and Object Structures	3	2	1	2	3	Math 1.7
IS 104	Human Computer Interaction	3	3	0	3	0	
IT 1	Computer Concepts and Fundamentals	3	2	1	2	3	
Math 2.1	Plane and Spherical Trigonometry	3	3	0	3	0	
Eng 2	Writing in the Discipline	3	3	0	3	0	Eng 1
ENSCI 1	Earth and Environmental Science	3	3	0	3	0	Natsci 1
PE 2	Rhythmic Activities	2	2	0	2	0	PE 1
NSTP 2	CMT/LTS	(-3)	3	0	3	0	NSTP1

Second Year - First Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
CSC 130	*Systems Analysis and Design*	*3*	*2*	*1*	*3*	*0*	*IS 104, IS 103*
IS 106	Databases	3	2	1	2	3	IS 103
IS 107	Systems Infrastructure and Integration	3	3	0	3	0	IS 103
IS 108	Fundamentals of Business and Management	3	3	0	3	0	
IS 109	Business Processes	3	3	0	3	0	IS 103
Fil 1	Komunikasyon sa Akademikong Filipino	3	3	0	3	0	
Eng 3	Speech and Oral Communication	3	3	0	3	0	Eng 2
PE 3	Individual & Dual Sports	2	2	0	2	0	PE 1

Second Year - Second Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS 110	Applications Development	3	2	1	2	3	IS 106
IS 111	Personal Productivity using IS	3	3	0	3	0	
IS 112	Networks and Internet Technology	3	2	1	2	3	IS 107
Acctg 1	Accounting I	3	3	0	3	0	
Stat 1	Elementary Statistics	3	3	0	3	0	
IS 113	Discrete Structure	3	3	0	3	0	Mat 1.7
Fil 2	Pagbasa at Pagsulat tungo sa Pananaliksik	3	3	0	3	0	Fil 1
PE 4	Major/ Team Sports	2	2	0	2	0	PE 1

Third Year - First Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS 114	Project Management and Quality Systems	3	3	0	3	0	IS 110
IS 115	Deployment, Maintenance and Services	3	3	0	3	0	IS 110
IS 116	Evaluation of Business Performance	3	3	0	3	0	Acctg 1
IS 117	IS elective I	3	3	0	3	0	3rd year standing
IS 118	Free Elective I	3	3	0	3	0	
SOC SCI 1	General Psychology	3	3	0	3	0	
SOCSCI 10	Gen Sociology with Population Education	3	3	0	3	0	

Third Year - Second Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS 119	Information Systems Planning	3	3	0	3	0	IS 115
IS 120	Management of Technology	3	3	0	3	0	
IS 121	IS Elective 2	3	3	0	3	0	
IS 122	IS Elective 3	3	3	0	3	0	
IS 123	Free Elective 2	3	3	0	3	0	
Eng 4	Technical Writing	3	3	0	3	0	Eng 1
SOCSCI 22	Life and Works of Rizal	3	3	0	3	0	

Fourth Year - First Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS 197	Internship/OJT/Practicum	9			0	9	IS 119
	IT Prof. Exam-Requirements before the students can enrol to 4th year						

Fourth Year - Second Semester

Courseno	Description	Units	Lec	Lab	Lec	Lab	Prerequisite
IS 124	Capstone Project	3	3	0	3	0	IS 130
IS 125	IS Elective 4	3	3	0	3	0	4th year standing
IS 126	Free Elective 3	3	3	0	3	0	4th year standing
IS 127	Free Elective 4	3	3	0	3	0	4th year standing
SOCSCI 20	Philippine History, Roots and Development	3	3	0	3	0	
SOCSCI 23	Gen Economics w/ Taxation and Agrarian Reform	3	3	0	3	0	
Lit 1	Philippine Literature	3	3	0	3	0	

ELECTIVES

IS 131	IS elective I - Accounting II
IS 132	Free Elective I - Capability Maturity Model Integration
IS 133	IS Elective 2 - Cyber Threats and Security
IS 134	IS Elective 3 - eWaste Management
IS 135	Free Elective 2 - Unified Modelling Language
IS 136	IS Elective 4 - Cyber Laws
IS 137	Free Elective 3 - Software Engineering
IS 138	Free Elective 4 - eCommerce
IS 139	MIS
IS 140	IS Auditing and Governance