

NEW *inclusion of CSC 196*
CURRICULUM REVISION FORM 2 (Semestral Offering)

Program: **Bachelor of Science in Information System**
 Department: Information Technology Department
 College: College of Engineering and Information Technology
Date of Last Revision: February 2014
Effectivity: AY: 2014 - 2015

First Year - First Semester

Course No	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
IS101	Fundamentals of Information Systems / Information Management	3	3	0	3	0	None
IS 102	Introduction to the IM Profession and Ethics	3	3	0	3	3	None
Math 1.7	College Algebra	3	3	0	3	0	None
Eng 1	Study and Thinking Skills	3	3	0	3	0	None
NatSci 1	Natural Science 1	3	3	0	3	0	None
Hum 1	Introduction to Humanities	3	3	0	3	0	None
PE 1	Physical Fitness	2	2	0	2	0	None
NSTP 1	CMT/LTS	3	3	0	3	0	None
		23	23	0	23	3	

First Year - Second Semester

Course No	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
IS 103	Fundamentals of Programming, Data, File and Object Structures	3	2	1	2	3	None
IS 104	Human Computer Interaction	3	3	0	3	0	None
IT 1	Computer Concepts and Fundamentals	3	1	1	2	3	None
Math 2.1	Plane Spherical Trigonometry	3	3	0	3	0	Math 1.7
Eng 2	Writing in the Discipline	3	3	0	3	0	Eng 1
NatSci 2	Natural Science 2	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
		23	20	2	21	6	

Second Year - First Semester

Course No	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
CSC 130	Systems Analysis and Design	3	3	0	3	0	IS 104
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	None
IS 109	Business Processes	3	3	0	3	0	IS 103
Fil 1	Komunikasyon sa Akademikong Filipino	3	3	0	3	0	None
Engl 3	Speech and Oral Communication	3	3	0	3	0	Eng 2
PE 3	Individual & Dual Sports	2	2	0	2	0	PE 1
		23	22	1	22	3	

Second Year - Second Semester

Course No	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
IS 110	Applications Development	3	2	1	2	3	IS 106

IS 111	Personal Productivity using IS	3	3	0	3	0	None
IS 112	Networks and Internet Technology	3	2	1	2	3	IS 107
Acctg 1	Accounting I	3	3	0	3	0	None
	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
		23	21	2	21	6	

Third Year - First Semester

Course no	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
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 Yr
IS 118	Free Elective I	3	3	0	3	0	None
SOC SCI 6	General Psychology	3	3	0	3	0	None
SOCSOCI 1	Gen Sociology with Population Education	3	3	0	3	0	None
		21	21	0	21	0	

Third Year - Second Semester

Course no	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
IS 119	Information Systems Planning	3	3	0	3	0	IS 115
IS 120	Management of Technology	3	3	0	3	0	None
IS 121	IS Elective 2	3	3	0	3	0	None
IS 122	IS Elective 3	3	3	0	3	0	None
IS 123	Free Elective 2	3	3	0	3	0	None
Eng 4	Technical Writing	3	3	0	3	0	Eng 1
SOCSOCI 2	Life and Works of Rizal	3	3	0	3	0	None
		21	21	0	21	0	

Fourth Year - First Semester

Course no	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
IS 130	Internship/OJT/Practicum	9			0	9	IS 119
		9	0	0	0	9	

Fourth Year - Second Semester

Course no	Description	Units	Units		Contact per Week		Prerequisite
			Lec	Lab	Lec	Lab	
IS 124	Capstone Project	3	3	0	3	0	IS 130
IS 125	IS Elective 4	3	3	0	3	0	None
IS 126	Free Elective 3	3	3	0	3	0	None
IS 127	Free Elective 4	3	3	0	3	0	None
SOCSOCI 20	Philippine History, Roots and Development	3	3	0	3	0	None
CSC 196	Trips and Seminars	3	0	0	0	0	CSC 122
SOCSOCI 5	Gen Economics w/ Taxation and Agrarian Reform	3	3	0	3	0	None
Lit 1	Literature	3	3	0	3	0	
		24	21	0	21	0	

ELECTIVES

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

Bachelor of Science in Information System
SUMMARY OF
UNITS

General Education Courses		Units	
Math 1.7	College Algebra	3	
Math 2.1	Plane and Spherical Trigonometry	3	
			6
Eng 1	Study and Thinking Skills	3	
Eng 2	Writing in the Discipline	3	
Eng 3	Speech and Oral Communication	3	
Eng 4	Technical Writing	3	
	Literature	3	
			15
Fil 1	Komunikasyon sa Akademikong Filipino	3	
Fil 2	Pagbasa at Pagsulat tungo sa Pananaliksik	3	
			6
PE 1	Physical Fitness	2	
PE 2	Rhythmic Activities	2	
PE 3	Individual & Dual Sports	2	
PE 4	Major Sports/ Team Sports	2	
NSTP 1	CMT/LTS	3	
NSTP 2	CMT/LTS	3	
			14
SOCSCI 1	Gen. Sociology w/ Pop Ed.	3	
SOCSCI 2	Life and Works of Rizal	3	
SocSci 6	General Psychology	3	
SOCSCI 20	Philippine History, Roots and Development	3	

SOCSCI 5	Gen Economics w/ Taxation and Agrarian Reform	3	
			15
Hum 1	Introduction to Humanities	3	
Hum 2	Humanities 2	3	
			6
Natsci 1	Natural Science 1	3	
Natsci 2	Natural Science 2	3	
			6
Core Courses			
IT 1	Computer Concepts and Fundamentals	3	
ACCTG 1	Basic Accounting I	3	
ES 20	Probability and Statistics (For Scientist & Technologies)	3	
			9
Professional Courses			
IS101	Fundamentals of Information Systems / Information Management	3	
IS 102	Introduction to the IM Profession and Ethics	3	
IS 103	Fundamentals of Programming, Data, File and Object Structures	3	
IS 104	Human Computer Interaction	3	
CSC 130	Systems Analysis and Design	3	
IS 106	Databases	3	
IS 107	Systems Infrastructure and Integration	3	
IS 108	Fundamentals of Business and Management	3	
IS 109	Business Processes	3	
IS 110	Applications Development	3	
IS 111	Personal Productivity using IS	3	
IS 112	Networks and Internet Technology	3	
IS 113	Discrete Structure	3	
IS 114	Project Management and Quality Systems	3	
IS 115	Deployment, Maintenance and Services	3	
IS 116	Evaluation of Business Performance	3	
IS 119	Information Systems Planning	3	
IS 120	Management of Technology	3	
IS 130	Internship/OJT/Practicum	9	
IS 124	Capstone Project	3	
			66
IS 117	IS elective I	3	
IS 118	Free Elective I	3	
IS 123	Free Elective 2	3	
IS 121	IS Elective 2	3	
IS 122	IS Elective 3	3	
IS 125	IS Elective 4	3	
IS 126	Free Elective 3	3	
IS 127	Free Elective 4	3	
IS 138		3	
IS 139		3	
IS 140		3	
			33