



URIGAO STATE COLLEGE OF TECHNOLOGY
Surigao City

BACHELOR OF SCIENCE IN INFORMATION SYSTEM
Proposed Curriculum, Effective A.Y. 2013-2014

FIRST YEAR
First Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
Engl 1	Communication Arts 1	3	0	3	None
Math 1	College Algebra	3	0	3	None
Fili 1	Komunikasyon sa Akademikong Filipino	3	0	3	None
Nat Sci 1	Environmental Science	3	0	3	None
Rizal 1	Rizal's Life and Works	3	0	3	None
PE 1	Physical Fitness and Health	2	0	2	None
NSTP 1	National Service Training Program 1	3	0	3	None
IS 111	Fund. of Info. Sys. w/ Office Productivity Tools in IS	2	3	3	None
IS 112	IT Professional of Ethics	3	0	3	None
Total		25	3	26	

Second Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 121	Fund. of Programming, Data, File and Object Structures	2	3	3	IS 111
IS 122	Fund. of Management and Business	3	0	3	IS 112
IS 123	Human Computer Interaction	3	0	3	IS 111
Engl 2	Communication Arts 2	3	0	3	Eng 1
Math 2	Trigonometry	3	0	3	Math 1
Fili 2	Pagbasa't Pagsulat Tungo sa Pananaliksik	3	0	3	Fil 1
Psych 1	General Psychology	3	0	3	None
PE 2	Rhythmic Activities	2	0	2	PE 1
NSTP 2	National Service Training Program 2	3	0	3	NSTP 1
Total		25	3	26	

SECOND YEAR
First Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 211	Database Management Systems	2	3	3	IS 121
IS 212	Business Processes	3	0	3	IS 122
IS 213	System Infrastructure and Integration	3	0	3	IS 121
IS 214	Discrete Structure	3	0	3	Math 2
Engl 3	Speech and Oral Communication w/ Jeep Start 01	1.5	4.5	3	Eng 2
Phys 1	College Physics 1	3	3	4	Math 2
Lit 1	Philippine Literature	3	0	3	None
PE 3	Individual and Dual Sports	2	0	2	PE 2
Total		20.5	10.5	24	

Second Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 221	Networks and Internet Technology	3	0	3	IS 213
IS 222	Accounting and Financial Systems	3	0	3	Math 2
IS 223	Technical Writing and Presentation Skills in IT	2	3	3	Engl 3, IS 111
IS 224	Evaluation of Business Performance	3	0	3	IS 212
Philo 1	Logic	3	0	3	Math 1
Econ 1	Basic Economics with TAR	3	0	3	None
Stat 1	Probability & Statistics	3	0	3	Math 2
PE 4	Team Sports	2	0	2	PE 3
Jeep 02	JEEP Start 02	1.5	4.5	3	Engl 3
Total		23.5	7.5	26	

THIRD YEAR
First Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 311	IS Elective 1 (Software Engineering)	3	0	3	IS 213
IS 312	Free Elective 1 (Managerial and Cost Accounting)	3	0	3	IS 222
IS 313	Deployment, Maintenance and Services	3	0	3	IS 224
IS 314	Project Management and Quality Systems	3	0	3	IS 224
IS 315	Systems Analysis and Design	3	0	3	Regular 3rd year
IOM	Industrial Organization and Management	3	0	3	Regular 3rd year
Hist 1	Philippine History and Culture	3	0	3	None
Jeep 03	Jeep Accelerate 01	1.5	4.5	3	Jeep Start 02
Total		22.5	4.5	24	

Second Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 321	IS Elective 2 (Customer Relation Management)	3	0	3	IS 311
IS 322	Free Elective 2 (Marketing Management)	3	0	3	IS 312
IS 323	IS Elective 3 (Information Resource Management)	3	0	3	IS 314
IS 324	Management of Technology	3	0	3	IS 313
IS 325	Information Systems Planning	3	0	3	IS 313, IS 314
IS 327	Capstone Project I	3	0	3	Regular 3rd Year
Pol Sci 1	Politics and Government w/ Philippine Constitution	3	0	3	None
Hum 1	Art Appreciation	3	0	3	None
Jeep 04	Jeep Accelerate 01	1.5	4.5	3	Jeep Accelerate 01
Total		25.5	4.5	27	

**FOURTH YEAR
First Semester**

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 411	Free Elective 3 (Management Information System)	3	0	3	IS 327
IS 412	IS Elective 4 (Planning, Estimation and Project Management)	3	0	3	IS 323
IS 413	Capstone Project II	3	0	3	IS 327
ElecTech	Quality Assurance	3	0	3	IM 324, IM 403
Soc Sci 1	Society & Culture w/ Pop Ed & FP	3	0	3	None
IS 416	System Resource Management	3	0	3	Regular Fourth Year
IS 414	IS Special Topics & Seminars	3	3	3	
Total		21	3	21	

Second Semester

SUBJECT	DESCRIPTION	LEC	LAB	UNITS	PREREQUISITE
IS 421	On-the-Job Training (500 hrs)	0	0	12	Regular Fourth Year
Total		0	0	12	

Free Elective 1 - Managerial and Cost Accounting
 Free Elective 2 - Marketing
 Free Elective 3 - Management Information System

IS Elective 1 Software Engineering
 IS Elective 2 Customer Relation Management
 IS Elective 3 Information Resource Management
 IS Elective 4 Planning, Estimation and Project Management