

**OUR LADY OF FATIMA UNIVERSITY**

**BACHELOR OF SCIENCE OF INFORMATION TECHNOLOGY  
2008 CURRICULUM**

**FIRST YEAR**

<i>First Semester</i>				<i>Second Semester</i>			
Code	Course Title	Units	Prereq.	Code	Course Title	Units	Prereq.
CS 113	CS/IT Fundamentals w/ lab	3	none	CS 123	Digital Design & PC Troublsh	3	none
CS 111	Computer Prog'g 1 w/ lab	3	none	CS 124	Computer Prog'g 2 w/ lab	3	CS 111
ENG 1	Communication Skills 1	3	none	ENG 2	Communication Skills 2	3	ENG 1
MAT 1	College Algebra	3	none	MAT 2	Trigonometry	3	MAT 1
SOC 1	Philippine History	3	none	PHI 4	Philosophy and Logic	3	none
FIL 1	Sining ng Pakikipagtalastasan	3	none	PSY 1	General Psychology	3	none
PE1	Physical Education 1	2	none	FIL 2	Panitikang Pilipino	3	FIL 1
NSTP 1	National Service Trng Prog *	(3)		PE2	Physical Education 2	2	none
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						23	

**SECOND YEAR**

<i>First Semester</i>				<i>Second Semester</i>			
Code	Course Title	Units	Prereq.	Code	Course Title	Units	Prereq.
CS 214	Web Programming w/ lab	3	CS 111	CS 221	Database Systems w/ lab	3	CS 211
CS 311	Comp Prog'g 3 w/ lab	3	CS 214	CS 315	Comp Prog'g 4 w/ lab	3	CS 311
CS 211	Data Structures	3	CS 124	CS 322	Sys. Analysis & Design w/ lab	3	CS 211
CS 213	Comp.Org & Assy. Lang	3	CS 123	CS/IT ELEC1	CS/IT Elective 1 w/ lab	3	2nd stand
CS 424	Professional Ethics	3	none	Fr Elec1	Free Elective 1	3	none
NSC 5	Environmental Sci	3	none	ENG 7	Technical Writing	3	ENG 2
ENG 3	Speech and Oral Comm.	3	ENG 2	PE4	Physical Education 4	2	none
PE3	Physical Education 3	2	none	OJT	Internship/OJT/Practicum	( 3 )	for ASCT
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		23				20	

**THIRD YEAR**

<b>First Semester</b>				<b>Second Semester</b>			
Code	Course Title	Units	Prereq.	Code	Course Title	Units	Prereq.
CS 222	Operating System Applications	3	CS 213	IT 422	Network Management	3	CS 321
IT 327	Database Systems 2 w/ lab	3	CS 221	CS 417	Multimedia & Modelling w/ lab	3	CS 315
MAT 11	Discrete Structures	3	MAT 2	CS 413	Software Engineering	3	CS 322
PHY 103	Physics 1 w/ lab	3	MAT 1	ACCTG	Accounting 1	3	none
SOC 4	Rizal	3	none	Fr Elec2	Free Elective 2	3	none
Mat 12	Analytic Geom w/ Diff Calculus	5	MAT 2	SOC 3	Phil Gov't w/ Consti	3	none
HUM	Art Appreciation	3	ENG 2	MAT 3	Probability and Statistics	3	MAT 1
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		23				21	

**FOURTH YEAR**

<b>First Semester</b>				<b>Second Semester</b>			
Code	Course Title	Units	Prereq.	Code	Course Title	Units	Prereq.
OJT	Internship/OJT/Practicum (500 hrs.)	9	CS 413	IT 415	IT Project (Techno.)	3	CS 415
		-----		Fr Elec3	Free Elective 3	3	4th stand
		9		CS/IT ELEC2	CS/IT Elective 2 w/ lab	3	4th stand
				CS/IT ELEC3	CS/IT Elective 3 w/ lab	3	4th stand
				CS/IT ELEC4	CS/IT Elective 4 w/ lab	3	4th stand
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						15	

**CS/IT Elective Subjects:**

Sys Mgt & Admi w/ Data Sec	Computer Assisted Instruction	E-Commerce
Delphi w/ lab	Advanced JAVA w/ lab	Oracle
VB. Net	PERL & CGI Prog'g w/ lab	Artificial Intelligence
Open Source OS/Applications	Advanced VB	

**Free Electives: (Commerce/Education subjects)**

Personality Development	Accounting 1
Into to Management	Principles of Investment
Principles of Marketing	Sales Management
Financial Management	Human Resource Management
	Advertising Management