

NAME: \_\_\_\_\_

ADMISSION YEAR: \_\_\_\_\_

PANGASINAN STATE UNIVERSITY  
COLLEGE OF ARTS, SCIENCES, AND TECHNOLOGY  
INFORMATION TECHNOLOGY DEPARTMENT  
Bayambang, Pangasinan

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY  
(Web and Mobile Technologies Track)  
Course Checklist

YEAR	SEMESTER	Total No. of Units	PRE RE-QUISITE	GRADE
First Year	First Semester			
COURSE NO.	COURSE TITLE			
CC 101	Introduction to Computing	3	None	1.5
CC 102	Fundamentals of Programming	3	None	1.75
GE 5	The Contemporary World	3	None	1.5
GE 6	Science, Technology and Society	3	None	1.75
GE 7	Mathematics in the Modern World	3	None	1.75
NSTP 1	ROTC/CWTS/LTS 1	3	None	1.25
PE 1	Physical Activity Towards Health and Fitness 1 (Movement Patterns: Exercise Based)	2	None	1.5
		20		
First Year	Second Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
CC 103	Intermediate Programming	3	CC 102	1.75
CO 101	Computer Organization	3	CC 101	1.5
MS 101	Discrete Mathematics	3	GE 7	2.00
GE 1	Understanding the Self	3	None	1.75
GE 2	Readings in Phil History	3	None	1.75
GE 3	Arts Appreciation	3	None	1.75
GEE 3	Reading Visual Arts	3	None	1.25
NSTP 2	ROTC/CWTS/LTS 2	3	NSTP 1	1.75
PE 2	Physical Activity Towards Health and Fitness 2 (Exercise Program-Based)	2	PE 1	1.25
		26		
Second Year	First Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
CC 104	Data Structures and Algorithms	3	CC 103	2.00
HCI 101	Human Computer Interaction 1	3	CC 103	1.75
OOP 101	Object Oriented Programming	3	CC 103	2.5
GE 4	Purposive Communication	3	None	1.75
GEE 1	Living in the IT Era	3	None	2.25
GEE 4	Global Citizenship	3	None	1.5

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PE 3	Physical Activity Towards Health and Fitness 3 (Dance)	2	PE 2	1.5
		20		
Second Year	Second Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
CC 105	Information Management 1 (Fund. Of Database)	3	CC 104	2.00
SAD 101	System Analysis and Design	3	OOP 101	2.25
HCI 102	Human Computer Interaction 2	3	HCI 101	1.75
NET 101	Networking 1 (Fundamentals of Networking)	3	CO 101	2.00
WD 101	Web Development	3	CC 104	1.25
MT 101	Multimedia Technologies	3	CC 104	1.75
GE 9	The Life and Works of Rizal	3	None	2.00
PE 4	Physical Activity Towards Health and Fitness 4 (Sports)	2	PE 3	1.25
		23		
Second Year	Midyear		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
OS 101	Operating Systems Application	3	CO 101	
		3		
Third Year	First Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
CC 106	Application Development and Emerging Technologies	3	IM 102 & SAD 101	2.00
NET 102	Networking 2 (Advance Networking)	3	NET 101	1.5
MS 102	Quantitative Methods	3	MS 101	1.5
IM 102	Information Management 2 (Advance Database Systems)	3	CC 105	2.00
SP 101	Social and Professional Issues	3	CC 101	2.00
WS 101	Web Systems and Technologies 1	3	WD 101 & IM 102	1.5
MD 101	Mobile Application Development 1	3	WD 101 & IM 102	1.5
GEE 2	The Entrepreneurial Mind	21	None	1.75
		24		
Third Year	Second Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
IAS 101	Information Assurance and Security 1	3	CC 106	1.75
IPT 101	Integrative Programming and Technologies	3	CC 106	1.75
TECH 101	Technopreneurship	3	WS 101	1.75
Elec1	Elective 1 (Web Systems and Technologies 2)	3	WS 101	1.75

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Elec2	Elective 2 (Mobile Application Development 2)	3	MD 101	1.5
CAP 101	Capstone Project 1	3	CC 106 & MS 102	2.00
GE 8	Ethics	3	None	1.75
IC 1	Personality Development	3	None	2.25
		24		
Fourth Year	First Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
SA 101	System Administration and Maintenance	3	IAS 101	
SIA 101	Systems Integration and Architecture	3	IPT 101	
IAS 102	Information Assurance and Security 2	3	IAS 101	
Elec3	Elective 3 (Special Topics on Web and Mobile 1)	3	Elec1	
Elec4	Elective 4 (Special Topics on Web and Mobile 2)	3	Elec1	
CAP 102	Capstone Project 2	3	CAP 101	
		18		
Fourth Year	Second Semester		PRE RE-QUISITE	GRADE
COURSE NO.	COURSE TITLE			
		6	4th year standing (finished all academic requirements prior to Internship) 486 hours	
Intern 101	Internship (OJT/Practicum)			
		6		

Prepared by:

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Chair, IT Department

Noted:

GHANA L. CAHATOL  
Dean, College of Arts, Sciences, and Technology

DR. GAUDELIA M. SAMSON  
Campus Executive Director