

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

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

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Elec2	Elective 2 (Mobile Application Development 2)	3	MD 101	
CAP 101	Capstone Project 1	3	CC 106 & MS 102	
GE 8	Ethics	3	None	
IC 1	Personality Development	3	None	
		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:

JANICE C. FRANCISCO
Chair, IT Department

Noted:

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

DR. GAUDELIA M. SAMSON
Campus Executive Director