BACHELOR OF SCIENCE IN MANAGEMENT OF APPLIED CHEMISTRY

(Ver Sem 1, Ver Year 2025)

FIRST YEAR

First Semester Total Units: 22.0					Second Semester Total Units: 22.0				
Subject Code	**Course Title**	**Units**	**Prerequisites**	**Category**	**Subject Code**	**Course Title**	**Units**	**Prerequisites**	**Category**
CHEM 21.11	GENERAL CHEMISTRY I, LECTURE	3		M	CHEM 22.11	GENERAL CHEMISTRY II, LECTURE	3	CHEM 21.11, CHEM 21.12	M
CHEM 21.12	GENERAL CHEMISTRY I, LABORATORY	2		M	CHEM 22.12	GENERAL CHEMISTRY II, LABORATORY	2	CHEM 21.11, CHEM 21.12	M
ENGL 11	PURPOSIVE COMMUNICATION	3		C	ENLIT 12	LITERATURE: GLOBAL VOICES AND ENCOUNTERS	3		C
FILI 12	PANITIKAN NG PILIPINAS	3		C	FILI 11	MALAYUNING KOMUNIKASYON	3		C
INTACT 11	INTRODUCTION TO ATENEO CULTURE AND TRADITIONS 11	0		C	FLC 11	FOREIGN LANGUAGE AND CULTURE 11	3		FLC1
LAS 50	ENTREPRENEURIAL MINDSET	3		M	INTACT 12	INTRODUCTION TO ATENEO CULTURE AND TRADITIONS 12	0		C
PATHFit 1	PHYSICAL ACTIVITIES TOWARDS HEALTH AND FITNESS 1	2		PFT1	MATH 10	MATHEMATICS IN THE MODERN WORLD	3		C
SocSc 11	UNDERSTANDING THE SELF	3		C	MATH 30.03	APPLIED CALCULUS AND FINITE MATHEMATICS FOR THE MANAGERIAL SCIENCES	3		M
THEO 11	FAITH, SPIRITUALITY, AND THE CHURCH	3		C	PATHFit 2	PHYSICAL ACTIVITIES TOWARDS HEALTH AND FITNESS 2	2	PATHFit 1	PFT2

SECOND YEAR

Intersession Total Units: 8.0				
Subject Code	**Course Title**	**Units**	**Prerequisites**	**Category**
CHEM 33.51	APPLIED ANALYTICAL CHEMISTRY I, LECTURE	3	CHEM 21.11, CHEM 21.12, CHEM 22.11, CHEM 22.12, MATH 10	M
CHEM 33.52	APPLIED ANALYTICAL CHEMISTRY I, LABORATORY	2	CHEM 21.11, CHEM 21.12, CHEM 22.11, CHEM 22.12, MATH 10	M
HISTO 11	RIZAL AND THE EMERGENCE OF THE PHILIPPINE NATION	3		C

First Semester Total Units: 21.0					Second Semester Total Units: 24.0				
Subject Code	**Course Title**	**Units**	**Prerequisites**	**Category**	**Subject Code**	**Course Title**	**Units**	**Prerequisites**	**Category**
ArtAp 10	ART APPRECIATION	3		C	CHEM 75.51	FUNDAMENTALS OF PHYSICAL CHEMISTRY I, LECTURE	3	CHEM 33.51, CHEM 33.52, MATH 30.03	M
CHEM 47.51	SURVEY OF APPLIED ORGANIC CHEMISTRY, LECTURE	3	CHEM 33.51, CHEM 33.52, MATH 30.03	M	CHEM 75.52	FUNDAMENTALS OF PHYSICAL CHEMISTRY I, LABORATORY	1	CHEM 33.51, CHEM 33.52, MATH 30.03	M
CHEM 47.52	SURVEY OF APPLIED ORGANIC CHEMISTRY, LABORATORY	1	CHEM 33.51, CHEM 33.52, MATH 30.03	M	DECSC 25	CREATIVE THINKING AND INNOVATION MANAGEMENT	3		M
DECSC 40.10	FOUNDATIONS OF ANALYTICS FOR DATA ANALYSIS AND DECISION MAKING	3		M	FAA 111.20	FINANCIAL MANAGEMENT FOR ENTREPRENEURS	3	FAA 101.20	M
FAA 101.20	FINANCIAL ACCOUNTING FOR ENTREPRENEURS	3		M	IT ELECTIVE	IT ELECTIVE	3		RM1
HISTO 12	READINGS IN PHILIPPINE HISTORY	3	HISTO 11	C	NSTP 11	NATIONAL SERVICE TRAINING PROGRAM 11	3		NP1
PATHFit 3	PHYSICAL ACTIVITIES TOWARDS HEALTH AND FITNESS 3	2	PATHFit 1, PATHFit 2	PFT3	PATHFit 4	PHYSICAL ACTIVITIES TOWARDS HEALTH AND FITNESS 4	2	PATHFit 1, PATHFit 2	PFT4
PHILO 11	PHILOSOPHY: THE HUMAN CONDITION	3		CPH1	SocSc 12	THE CONTEMPORARY WORLD	3	SocSc 11	C
					THEO 12	THEOLOGY OF THE CATHOLIC SOCIAL VISION	3	THEO 11	C

THIRD YEAR

First Semester Total Units: 22.0					Second Semester Total Units: 21.0				
Subject Code	**Course Title**	**Units**	**Prerequisites**	**Category**	**Subject Code**	**Course Title**	**Units**	**Prerequisites**	**Category**
CHEM 83.51	SURVEY OF CHEMICAL-BASED INDUSTRIES I, LECTURE	3	CHEM 47.51, CHEM 47.52	M	CHEM 35.50	APPLIED ANALYTICAL CHEMISTRY II	3	CHEM 33.51, CHEM 33.52	M
CHEM 83.52	SURVEY OF CHEMICAL-BASED INDUSTRIES I, LABORATORY	2	CHEM 47.51, CHEM 47.52	M	CHEM 84.52	SURVEY OF CHEMICAL-BASED INDUSTRIES II, LABORATORY	2	CHEM 83.51, CHEM 83.52	M
IE 1	INTERDISCIPLINARY ELECTIVE 1 - ENGLISH	3	ENGL 11, ENLIT 12	IE1E	CHEM 98.1	INDUSTRIAL PRODUCT DEVELOPMENT I	1	CHEM 83.51, CHEM 83.52, CHEM 84.52	M
MKTG 143.01	BUSINESS VENTURE 1: ENTREPRENEURIAL MARKETING AND RESEARCH, LECTURE	5		M	FAA 102	COST ACCOUNTING AND PRODUCT PRICING	3	FAA 101.20	M
OPMAN 120	PRODUCTION AND OPERATIONS MANAGEMENT	3		M	MKTG 143.02	BUSINESS VENTURE 2: ENTREPRENEURIAL MARKETING AND RESEARCH, LABORATORY	3		M
PHILO 12	PHILOSOPHY OF RELIGION	3	PHILO 11	C	NSTP 12	NATIONAL SERVICE TRAINING PROGRAM 12	3		NP2
STS 10	SCIENCE, TECHNOLOGY, AND SOCIETY	3	NatSc 10.01, NatSc 10.02	C	SocSc 13	THE ECONOMY, SOCIETY, AND SUSTAINABLE DEVELOPMENT	3	SocSc 12	C
					THEO 13	A THEOLOGY OF MARRIAGE, FAMILY, AND VOCATION	3	THEO 12	C

FOURTH YEAR

Intersession Total Units: 7.0				
Subject Code	**Course Title**	**Units**	**Prerequisites**	**Category**
CHEM 98.2	INDUSTRIAL PRODUCT DEVELOPMENT II	1	CHEM 98.1	M
ECON 110	PRINCIPLES OF ECONOMICS	3		M
MKTG 144.01	BUSINESS DEVELOPMENT 1, LECTURE (MAC)	3	MKTG 143.02	M

First Semester Total Units: 21.0					Second Semester Total Units: 21.0				
Subject Code	**Course Title**	**Units**	**Prerequisites**	**Category**	**Subject Code**	**Course Title**	**Units**	**Prerequisites**	**Category**
IE 2	INTERDISCIPLINARY ELECTIVE 2	3		IE2					
LAS 111	STRATEGIC HUMAN RESOURCE MANAGEMENT	3		M	DLQ 10	DISCERNING LIFE QUESTIONS: TOWARDS LEADERSHIP AND COMMITMENT	3	PHILO 13, SocSc 13, THEO 13	C
LLAW 111	FUNDAMENTAL BUSINESS LAWS	3		M	FREE ELECTIVE	FREE ELECTIVE	3		FE1
MAC ELECTIVE	MAJOR ELECTIVE	3		ME1	IE 3	INTERDISCIPLINARY ELECTIVE 3	3		IE3
MKTG 144.02	BUSINESS DEVELOPMENT 2, LABORATORY (MAC)	3	MKTG 143.02	M	LAS 120	STRATEGIC MANAGEMENT	3	LAS 111, OPMAN 120	M
PHILO 13	ETHICS	3	PHILO 11	C	LAS 140	SUSTAINABILITY AND SOCIAL RESPONSIBILITY	3		M
SocSc 14	POLITICS, GOVERNANCE, AND CITIZENSHIP	3	SocSc 13	C	MAC ELECTIVE	MAJOR ELECTIVE	3		ME2
					MKTG 145.02	START-UP OPERATIONS 2, LABORATORY (MAC)	3	MKTG 144.01, MKTG 144.02	M