

OBJECTIVES OF THE COLLEGE OF EDUCATION:

At the end of the degree program, the students should have:

1. acquired religious and moral values, desirable ideas, attitudes, habits and skills which make for strength of character needed for service and leadership as teachers;
2. a growing appreciation of their rich heritage as Filipino citizens, and skills to inspire and conscientize others for nation building;
3. acquired a broad background in general education with excellence and competence in selected subject areas of teaching;
4. developed skills in measuring and evaluating students' knowledge of the process of growth and development of the child and apply these skills in selecting learning activities and adopting curriculum content;
5. acquired appropriate classroom teaching methods and classroom management techniques;
6. been able to carry out educational researches in the field of education and apply them in assessing and evaluating existing learning situation;
7. developed the values, dignity and responsibility of the teaching profession as well as the ideals of St. Marcellin Champagnat and Mother Mary

A FOUR-YEAR CURRICULUM LEADING TO THE DEGREE BACHELOR OF SECONDARY EDUCATION major in SCIENCE (per CMO 75 s. 2017, CMO 20 s. 2013 and CMO 4 s. 2018) Effective SY 2018-2019

FIRST YEAR - FIRST SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-req
	GE 1	UNDERSTANDING THE SELF	3	
	GE 2	READINGS IN PHILIPPINE HISTORY	3	
	GE 3	MATHEMATICS IN THE MODERN WORLD	3	
	GE 4	THE CONTEMPORARY WORLD	3	
	GE 5	PURPOSIVE COMMUNICATION	3	
	GE 7	ART APPRECIATION	3	
	EDUC 101	THE CHILD AND ADOLESCENT LEARNERS AND LEARNING PRINCIPLES	3	
	RE 111	SALVATION HISTORY: OLD TESTAMENT	3	
	PGS 1	PERSONAL GROWTH SESSION 1	0	
	PE 1	PHYSICAL FITNESS AND SELF-TESTING ACTIVITIES	2	
	NSTP 1	NATIONAL SERVICE TRAINING PROGRAM 1	3	
	Total		29	

FIRST YEAR - SECOND SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-req
	GE 6	SCIENCE, TECHNOLOGY AND SOCIETY	3	
	GE 9	RIZAL'S LIFE AND WORKS	3	
	GE 10	KONTEKSTWALISADONG KOMUNIKASYON SA FILIPINO	3	
	GE 11	FILIPINO SA IBAT'IBANG DISIPLINA	3	
	EDUC 106	TECHNOLOGY FOR TEACHING AND LEARNING 1	3	GE 7
	EDUC 102	BUILDING AND ENHANCING NEW LITERACIES ACROSS THE CURRICULUM	3	EDUC 101
	EDSCI 3	EARTH SCIENCE	3	
	RE 112	CHRISTOLOGY	3	RE 111
	PGS 2	PERSONAL GROWTH SESSION 2	0	PGS 1
	PE 2	RHYTHMIC ACTIVITIES	2	PE 1
	NSTP 2	NATIONAL SERVICE TRAINING PROGRAM 2	3	NSTP 1
	Total		29	

FIRST YEAR - SUMMER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	GE 13	SOSYEDAD AT LITERATURA/PANTIKANG PANLUPUNAN	3	
	GE 8	ETHICS	3	
	PE 3	RECREATIONAL ACTIVITIES (INDIVIDUAL & DUAL SPORTS)	2	PE 1
	Total		8	

SECOND YEAR - FIRST SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	EDUC 105	FACILITATING LEARNER-CENTERED TEACHING	3	EDUC 101
	EDSCI 1	INORGANIC CHEMISTRY (LECT.)	3	
	EDSCI 10	INORGANIC CHEMISTRY (LAB)	2	
	EDSCI 2	FLUID MECHANICS	3	
	EDSCI 12	ASTRONOMY	3	EDSCI 3
	EDSCI 4	ENVIRONMENTAL SCIENCE	3	EDSCI 3
	EDSCI 5	ANATOMY AND PHYSIOLOGY (LECT.)	3	
	EDSCI 50	ANATOMY AND PHYSIOLOGY (LAB.)	1	
	RE 113	CHRISTIAN FAITH	3	RE 112
	Total		24	

SECOND YEAR - SECOND SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	EDUC 110	THE TEACHING PROFESSION	3	EDUC 105
	EDUC 104	FOUNDATIONS OF SPECIAL AND INCLUSIVE EDUCATION	3	EDUC 101
	EDSCI 6	ANALYTICAL CHEMISTRY (LECT.)	3	EDSCI 1, EDSCI 10
	EDSCI 60	ANALYTICAL CHEMISTRY (LAB)	2	
	EDSCI 7	THERMODYNAMICS (LECT.)	3	
	EDSCI 70	THERMODYNAMICS (LAB)	1	EDSCI 2
	EDSCI 8	ORGANIC CHEMISTRY (LECT.)	3	EDSCI 1, EDSCI 10
	EDSCI 80	ORGANIC CHEMISTRY (LAB)	2	
	RE 114	THE CHURCH	3	RE 113
	PE 4	TEAM SPORTS	2	PE 1
	Total		25	

THIRD YEAR - FIRST SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	EDUC 107	THE TEACHER AND THE SCHOOL CURRICULUM	3	EDUC 110
	EDUC 160	ASSESSMENT IN LEARNING 1	3	EDUC 110
	EDSCI 9	BIOCHEMISTRY	3	EDSCI 8, EDSCI 80
	EDSCI 11	METEOROLOGY	3	EDSCI 3, EDSCI 7, EDSCI 70
	EDSCI 13	ELECTRICITY AND MAGNETISM (LECT.)	3	EDSCI 7, EDSCI 70
	EDSCI 130	ELECTRICITY AND MAGNETISM (LAB.)	1	
	EDSCI 14	THE TEACHING OF SCIENCE	3	EDUC 105, At least 30 units EDSCI subjects
	EDSCI 15	MICROBIOLOGY AND PARASITOLOGY (LECT.)	3	
	EDSCI 150	MICROBIOLOGY AND PARASITOLOGY (LAB.)	1	
	RE 115	LITURGY AND SACRAMENTS	3	RE 114
	Total		26	

Reminders:

- For Non-Catholics, RE 114 and RE 115 are replaced by RE 30 and RE 40 respectively.
- NSTP 1 and 2 must be taken during the First year.
- First Year students are required to take Personal Growth Sessions (PGS) 1 and 2 during the First and Second Semesters respectively.

THIRD YEAR - SECOND SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	EDUC 103	THE TEACHER AND THE COMMUNITY, SCHOOL CULTURE AND ORGANIZATIONAL LEADERSHIP	3	EDUC 107
	EDUC 161	ASSESSMENT IN LEARNING 2	3	EDUC 160
	EDSCI 19	RESEARCH IN SCIENCE TEACHING 1	3	At least 24 units of Education Courses
	EDSCI 16	GENETICS (LECT.)	3	RE 115
	EDSCI 160	GENETICS (LAB.)	1	RE 141
	EDSCI 17	CELL AND MOLECULAR BIOLOGY (LECT.)	3	CO-REQ: EDSCI 16, EDSCI 160
	EDSCI 170	CELL AND MOLECULAR BIOLOGY (LAB.)	1	EDSCI 13, EDSCI 130
	EDSCI 18	WAVES AND OPTICS (LECT.)	3	
	EDSCI 180	WAVES AND OPTICS (LAB)	1	
	EDSCI 23	TECHNOLOGY FOR TEACHING AND LEARNING 2	3	EDUC 106
	RE 117	CHRISTIAN MORALITY WITH PEACE EDUCATION	3	RE 115
	Total		27	

FOURTH YEAR - FIRST SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	EDSCI 21	RESEARCH IN SCIENCE TEACHING 2	3	EDSCI 19
	EDSCI 22	MODERN PHYSICS	3	EDSCI 18, EDSCI 180
	EDUC 108	FIELD STUDY 1	3	All prior GE, EDUC, and ED SCI courses
	EDUC 109	FIELD STUDY 2	3	
	Total		12	

FOURTH YEAR - SECOND SEMESTER

Grade	Cat. #	Descriptive Title	Units	Pre-Req
	EDUC 142	TEACHING INTERNSHIP IN THE SECONDARY LEVEL	10	EDUC 108, EDUC 109
	Total		10	

Summary

General Education Courses	36 units
Professional Education Courses	42 units
Major Courses	73 units
Mandated Courses (PE and NSTP)	14 units
Institutional Requirements	25 units
Total	190 units