



Accredited by ACSCU-AAI

DAVAO CENTRAL COLLEGE
 Toril, Davao City
BACHELOR OF SECONDARY EDUCATION
MAJOR IN SCIENCE

Reference: CMO 75, s. 2017
 Effective: SY 2018 - 2019
 Rev.: 0 May 2018

FIRST YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Eng1	Purposive Communication	3	0	3		GE Fil.1	Malayuning Komunikasyon	3	0	3	
GE Psy1a	Understanding the Self	3	0	3		Rizal	Rizal's Life and Works	3	0	3	
GE Math1	Mathematics in the Modern World	3	0	3		P.Ed 3	Foundation of Special and Inclusive Education	3	0	3	
GE SSoc 1	Science Technology and Society	3	0	3		P.Ed 4	The Teacher & the Comm., Sch. Culture & Org. Leadership	3	0	3	
P.Ed 1	The Child and Adolescent Learner and Learning Principles	3	0	3		S Chem 2	Organic Chemistry (Lecture and Lab)	3	2	5	S Chem 1
P.Ed 2	The Teaching Profession	3	0	3		S Phy 1	Fluid Mechanics	3	0	3	
S Chem 1	Inorganic Chemistry	3	2	5		IR 1	Mind Education	3	0	3	
LTS 1	Literary Training Service 1	3	0	3		LTS 2	Literary Training Service 2	3	0	3	LTS 1
P Educ 1	Movement Enhancement	2	0	2		P Educ 2	Fitness Exercise	2	0	2	P Educ 1
Total						Total					
		26	2	28				26	2	28	

Summer					
Subject Code	Description	Lec	Lab	Units	Pre-Req

CONTENTS NOTED
Susan F. Labutap
SUSAN F. LABUTAP
 Education Supervisor II
 Date 9/20/2018

SECOND YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Fil. 2	Ang Panitikang Pilipino	3	0	3		GE Fil. 3	Panitikang Pandaigdig	3	0	3	
P.Ed 6	Facilitating Learner-Centered Teaching	3	0	3		P.Ed 8	Assessment in Learning 2	3	0	3	
P.Ed 7	Assessment in Learning 1	3	0	3		S Bio 1	Genetics (Lecture and Lab)	3	1	4	S Phy 1
S Chem 3	Analytical Chemistry (Lecture and Lab)	3	0	3		S Chem 4	Biochemistry	3	0	3	S Chem 2
S Phy 2	Thermodynamics (Lecture and Lab)	3	2	5	S Chem 1	S Phy 3	Electricity and Magnetism (Lecture and Lab)	3	1	4	
En Esc 1	Astronomy	3	1	4		En Esc 4	The Teaching of Science	3	0	3	
En Esc 2	Meteorology	3	0	3		IR 2	Peace Education	3	0	3	
P Educ 3	Physical Health Towards Health and Fitness 1	2	0	2	P Educ 2	P.E. 4	Physical Health Towards Health and Fitness 2	2	0	2	P Educ 3
Total						Total					
		23	3	26				23	2	25	

Summer					
Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Hist 1	Readings in Philippine History	3	0	3	
GE ESci	The Contemporary World	3	0	3	
Total					
		6	0	6	

THIRD YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
P.Ed 5	Technology for Teaching and Learning 1	3	0	3		P.Ed 10	Building & Enhancing New Literacies Across the Curriculum	3	0	3	
P.Ed 9	The Teacher and the School Curriculum	3	0	3		S Bio 3	Microbiology and Parasitology (Lecture and Lab)	3	1	4	
GE ESc3	Environmental Science	3	0	3		S Bio 4	Anatomy and Physiology	3	1	4	S Bio 2
S Phy 4	Waves and Optics (Lecture and Lab)	3	1	4		S Phy 5	Modern Physics	3	0	3	S Phy 2
S Bio 2	Cell and Molecular Biology (Lecture and Lab)	3	1	4	S Bio 1	En Esc 6	Technology for Teaching and Learning 2	3	0	3	P.Ed 5
En Esc 5	Earth Science	3	0	3	S Chem 4	IR 3	Personality and Career Development	3	0	3	
Sci Res 1	Research in Teaching in Science	3	0	3	S Phy 2	IR 5	Thesis Writing	3	0	3	Sci Res 1
Total						Total					
		21	2	23				21	2	23	

Summer					
Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Art1	Art Appreciation	3	0	3	
GE Eth	Ethics	3	0	3	
IR 4	Community Development	3	0	3	
Total					
		9	0	9	

FOURTH YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
FS 1	Observation of Teaching and Learning in Actual School Environment	3	0	3		P Teach	Teaching Internship	6	0	6	
FS 2	Participation and Teaching Assistanceship	3	0	3		Ed Syn 2	Proficiency Assessment Course 2	3	0	3	
Ed Syn 1	Proficiency Assessment Course 1	3	0	3		Total					
Total								9	0	9	

Myrna P. Tubigan
MYRNA P. TUBIGAN, Ed. D.
 CELA Program Head

Elpidia G. Salazar
ELPIDIA G. SALAZAR, MAED
 Registrar

Erlinda P. Zurita
ERLINDA P. ZURITA, Ed. D., Ph. D.
 VP for Academic Affairs



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DAVAO CENTRAL COLLEGE

Juan Dela Cruz St. Toril, Davao City (Tel. No. 291-1882)

BACHELOR OF SECONDARY EDUCATION (BSEd)

Major in Biological Science

Based on CMO#30, series 2004

Effective SY 2013-2014

FIRST YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
ENG 101	Grammar	6	0	6	none
FIL 1	Komunikasyon sa Akademikong Filipino	3	0	3	none
MATH 101	Integrated Mathematics	3	0	3	none
BIO 1	Biological Science w/ focus on Botany	3	2	5	none
PS 3	Politics & Governance w/ Phil. Constitution	3	0	3	none
HIST 1	Philippine History	3	0	3	none
NSTP 1	National Service Training Program 1	(3)	0	(3)	none
PE 1	Self-Testing Activities	(2)	0	(2)	none
		28	2	28	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED 1	Child and Adolescent Development	3	0	3	PSY 1
ENG 102	Expository Writing	3	0	3	ENG 101
FIL 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	3	FIL 1
MATH 102	Contemporary Mathematics	3	0	3	MATH 101
NS 3	Physical Science (Earth Science)	3	0	3	none
PSY 1	General Psychology	3	0	3	none
CAED 100	Keyboarding	3	0	3	none
NSTP 2	National Service Training Program 2	(3)	0	(3)	NSTP 1
PE 2	Fundamentals of Rhythmic Activities	(2)	0	(2)	PE 1
		26	0	26	

SUMMER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
FIL 3	Masing na Pagpapahayag	3	0	3	FIL 2
EDSEM	Special Topics	3	0	3	none
PHILO 3	Social Philo: Values Formation	3	0	3	none
		9	0	9	

SECOND YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED 2	Facilitating Learning	3	0	3	PROFED 1
PROFED 5	Principles of Teaching 1	3	0	3	none
BS 1	Biology Science 2 w/Focus on Zoology	3	2	5	none
ECON 1	Principles of Economics w/ LRT	3	0	3	none
ENG 201	Communicative English	3	0	3	ENG 102
LIT 1	Philippine Literature	3	0	3	none
RIZAL	Rizal's Life, Works and Writings	3	0	3	none
PE 3	Individual and Dual Sports	(2)	0	(2)	PE 2
FS 1	Learner's Dev't & School Environment	1	0	1	PROFED 1
		24	2	26	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED 6	Principles of Teaching 2	3	0	3	PROFED 5
PROFED 4	Intro to Philosophy of Education	3	0	3	none
BS 2	Inorganic Chemistry	3	2	5	none
SOCIO 2	Society & Culture w/ Family Planning	3	0	3	none
ART 1	Art Appreciation	3	0	3	none
LIT 2	World Literature	3	0	3	none
ICT	Information Communication Technology	3	0	3	none
PE 4	Recreational Activities	(2)	0	(2)	PE 3
FS 2	Experiencing the Teaching Learning Process	1	0	1	FS 1
		24	4	28	

SUMMER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
ENG 18	Preparation & Evaluation of Inst'l Mat	3	0	3	none
BS 12	Physics for Health and Science	3	0	3	none
BS 6	History & Philosophy of Science	3	0	3	none
		9	0	9	

THIRD YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED13	Assessment of Student Learning 1	3	0	3	none
PROFED12	Curriculum Development	3	0	3	none
EDTECH 1	Educational Technology 1	3	0	3	none
BS 3	Analytical Chemistry	3	2	5	none
BS 4	Statistics for Biology	3	0	3	none
BS 5	Organic Chemistry	3	2	5	BS 2
BS 13	Physics & Health Science 2	3	1	4	BS 12
PROFED 8	Intro to Research Education (Seminar)	1	0	1	none
FS 3	Use of Technology for Micro Teaching	1	0	1	FS 2
FS 4	Exploring The Curriculum	1	0	1	FS 3
		24	5	29	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED15	Assessment of Student Learning 2	3	0	3	PROFED13
EDTECH 2	Educational Technology 2	3	0	3	EDTECH 1
PROFED 3	Social Dimension of Education	3	0	3	none
PROFED 7	Developmental Reading	3	0	3	none
BS 7	Biotechnology w/lab	1	2	3	none
BS 8	Genetics w/Laboratory	3	1	4	BIO 1
BS 10	Anatomy and Physiology	3	1	4	none
PROFED 9	Teacher Leadership(Seminar)	1	0	1	none
FS 5	Learning Assess Strategies & Class Teach	1	0	1	FS 4
		21	4	25	

SUMMER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
BS 14	Cell Biology	2	1	3	none
PROFED 11	Selection, Prod'n & Utilization of Inst'l Mat	3	0	3	none
CAED 500	Career & Personality Development	3	0	3	none
		8	1	9	

FOURTH YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED16	Teaching Profession	3	0	3	none
EDRES	Educational Research	3	0	3	none
BS 9	Biology Chemistry	3	2	5	Bio1, BS2
BS 11	Ecology with Lab	3	2	5	none
BS 15	Microbiology	3	2	5	none
BS 17	Earth & Environmental Science w/Lab	3	1	4	NS 3
FS 6	The Teaching Profession	1	0	1	FS 5
		19	7	26	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PRACTEACH	Practicum	6	0	6	FS 1-6
REVCLASS	In-House LET Review	6	0	6	none
		12	0	12	

LYNDON E. DEVERO, PhD
Program Head

ELPIDIA G. SALAZAR, MAEd
Registrar 9/7/14

LYNDON E. DEVERO, PhD
Vice President for Academic Affairs

DELIA C. ADVINCULA, PhD
President