



Central Philippine Adventist College

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Bachelor of Secondary Education Major in General Science

(CMO 75, 2017)

Realigned Curriculum

FIRST YEAR					
First Semester			Second Semester		
Course No	Subject	Unit	Course No	Subject	Unit
GEC1	Understanding the Self	3	GEC4	Purposive Communication	3
GEC2	Readings in Philippine History	3	GEC5	Art Appreciation	3
GEC3	Mathematics in the Modern World	3	PE2	Rythmic Activities	2
PE1	Self-Testing Activities	2	NSTP2	NSTP 2	3
NSTP1	NSTP 1	3	WOED2	Work Ed. 2 – Music Class	2
WOED1	Work Ed. 1 – Philosophy of Work	2	RLG2	Denominational History	3
RLG1	Life and Teaching of Jesus Christ	3	PROFED 1203	The Teacher and the Community, School Culture and Organizational Leadership	3
PROFED 1101	The Child and Adolescent Learners and Learning Principles	3	PROFED 1204	Facilitating Learner-Centered Teaching	3
PROFED 1102	The Teaching Profession	3	PHYSS 1	Earth Science	3
BIOL 1	General Biology	5	BIOL 2	Botany	5
Total		30	Total		30

SUMMER		
Course No	Subject	Unit
BIOL 3	Zoology	5
PHYSS 2	Environmental Science	3
Total		8

SECOND YEAR					
First Semester			Second Semester		
Course No	Subject	Unit	Course No	Subject	Unit
GEC6	Science, Technology, & Society	3	GEC8	The Contemporary World	3
GEC7	Ethics	3	GEEF 2	Filipino sa Iba't Ibang Disiplina	3
GEEF 1	Komunikasyon sa Akademikong Filipino	3	PE 4	Team Sports	2
PE 3	Individual Sports	2	NBIOL 2	The Teaching of Sciences	3
RLG3	Christian Beliefs & Spiritual Gifts	3	PROFED 2207	Assessment in Learning 2	3
PROFED 2105	Foundation of Special and Inclusive Education	3	PROFED 2208	Technology for Teaching and Learning I	3
PROFED 2106	Assessment in Learning 1	3	BIOL 5	Genetics	4
CHEM 1	Inorganic Chemistry (Lecture & 2 units lab)	5	CHEM 2	Organic Chemistry (lec & 2 units lab)	5
PHYS 1	Modern Physics	3	PHYS 2	Thermodynamics (lec & lab)	4
WOED 3	Work Ed 3 – Homemaking and Cookery	2			
Total		30	Total		30

SUMMER		
Course No	Subject	Unit
NBIOL 3	Research in Science Teaching	3
PHYSS 4	Meteorology	3
RLG5	Philosophy of SDA Education	3
Total		9

THIRD YEAR

First Semester			Second Semester		
Course No	Subject	Unit	Course No	Subject	Unit
RLG5	Philosophy of SDA Education	3	PROFED 4111	Field Study 1	3
PHYS 3	Electricity and Magnetism (lec & lab)	4	PROFED 4112	Field Study 2	3
LDRSP3101	Outdoor Leadership I	2	PHYS 4	Wave and Optics (lec & lab)	4
PROFED 3210	Building & Enhancing New Literacies Across the Curriculum	3	BIOL 7	Microbiology and Parasitology	4
PROFED 3109	The Teacher and the School Curriculum	3	BIOL 4	Anatomy and Physiology	4
NBIOL 1	Technology for Teaching & Learning 2	3			
BIOL 6	Cell & Molecular Biology (lec & lab)	4			
CHEM 3	Analytical Chemistry (lec & 2 units lab)	5			
Total		27	Total		18

SUMMER		
Course No	Subject	Unit
CHEM 4	Biochemistry	3
PHYS 5	Fluid Mechanics	3
PHYSS 1	Astronomy	3
Total		9

FOURTH YEAR

First Semester			Second Semester		
Course No	Subject	Unit	Course No	Subject	Unit
PROFED 4213	Teaching Internship	6	COEN 4202	Course Enrichment 2	1
COEN 4101	Course Enrichment 1	1	LTRE 1	Philippine Literature	3
			RLG4	Daniel and Revelation	3
			RLG6	Adventist Home and Child Evangelism	3
			LDRSP 3202	Outdoor Leadership 2	2
			LTRE 2	World Literature	3
			GEC9	Life and Work of Rizal	3
			GEEF 3	Masining na Pagpapahayag	3
Total		7	Total		21

Prepared by:

Approved by:

Shirley A. Bangoy, MA
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Dean, School of Education

Steven D. Dela Rama, PhD
VP-Academic Administration

COURSES BY COMPONENT

A. GENERAL EDUCATION (GE) COURSES (36 UNITS)		
COURSE NO.	COURSE TITLE	UNITS
GE Non- Elective (24 units)		
GEC1	Understanding the Self	3
GEC2	Readings in Philippine History	3
GEC3	Mathematics in the Modern World	3
GEC4	Purposive Communication	3
GEC5	Art Appreciation	3
GEC6	Science, Technology, & Society	3
GEC7	Ethics	3
GEC8	The Contemporary World	3
Mandated Course (3units)		
GEC9	Life and Works of Rizal	3
GE Electives (3units)		
GEEF1	Komunikasyon sa Akademikong Filipino	3
GEEF2	Filipino sa Iba't Ibang Disiplina	3
GEEF3	Masining na Pagpapahayag	3
LTRE 1	Philippine Literature	3
LTRE 2	World Literature	3
TOTAL		42
B. PROFESSIONAL EDUCATION COURSES (42 units)		
COURSE NO.	COURSE TITLE	UNITS
Foundation Courses/Theories and Concepts (12 units)		
PROFED 1101	The Child and Adolescent Learners and Learning Principles	3
PROFED 1102	The Teaching Profession	3
PROFED 1203	The Teacher and the Community, School Culture, and Organizational Leadership	3
PROFED 1205	Foundation of Special and Inclusive Education	3
Pedagogical Content Knowledge (18 units)		
PROFED 1204	Facilitating Learners-Centered Teaching and Learning	3
PROFED 2106	Assessment of Learning I	3
PROFED 2207	Assessment of Learning II	3
PROFED 2208	Technology for Teaching and Learning I	3
PROFED 3109	The Teacher and the School Curriculum	3
PROFED 3210	Building & Enhancing Literacy Across the Curriculum	3
Experiential Learning (12 units)		
PROFED 4111	Field Study 1	3
PROFED 4112	Field Study 2	3
PROFED 4212	Teaching Intership	6
TOTAL		42
C. Major Courses (73 units)		
COURSE NO.	COURSE TITLE	UNITS
BIOL 5	Genetics	4
BIOL 7	Cell & Molecular Biology (lec & lab)	4
BIOL 6	Microbiology and Parasitology (lec & lab)	4
BIOL 4	Anatomy and Physiology (lec & lab)	4
CHEM 1	Inorganic Chemistry (lec & 2 units labs)	5
CHEM 2	Organic Chemistry (lec & 2 units labs)	5
CHEM 4	Biochemistry	3
CHEM 3	Analytical Chemistry (lec & 2 units labs)	5
PHYS 2	Thermodynamics (lec & lab)	4
PHYS 1	Modern Physics	3
PHYS 3	Electricity and Magnetism (lec & lab)	4
PHYS 4	Waves and Optics (lec & lab)	4
PHYS 5	Fluid Mechanics	3
PHYSS 1	Earth Science	3
PHYSS 3	Astronomy	3
PHYSS 2	Environmental Science	3
NBIOL 2	The Teaching & Learning	3
NBIOL 1	Technology for Teaching & Learning 2	3
NBIOL 3	Research in Science Teaching	3
PHYSS 4	Meteorology	3
TOTAL		73

Physical Education Courses (8 units)

COURSE NO.	COURSE TITLE	UNITS
PE1	Self – Testing Activities	2
PE2	Rythmic Activities	2
PE3	Individual Sports	2
PE4	Team Sports	2
TOTAL		8

NSTP Courses (6 units)

COURSE NO.	COURSE TITLE	UNITS
NSTP 1	NSTP 1	3
NSTP 2	NSTP 2	3
TOTAL		6

Institution – Mandated Courses (30 units)

COURSE NO.	COURSE TITLE	UNITS
Additional Science Major Courses (15)		
BIOL 1	General Biology	5
BIOL 2	Botany	5
BIOL 3	Zoology	5
Religion Courses (18 units)		
RLG1	Life and Teaching of Jesus Christ	3
RLG2	Denominational History	3
RLG3	Christian Beliefs & Spiritual Gifts	3
RLG4	Daniel and Revelation	3
RLG5	Philosophy of SDA Education	3
RLG6	Adventist Home and Child Evangelism	3
Work Education Courses (8 units)		
WOED1	Work Ed 1 – Philosophy of Work	2
WOED2	Work Ed 2 – Music Class	2
WOED3	Work Ed 3 – Homemaking and Cookery	2
Outdoor Leadership Courses (4 units)		
LDRSP 3101	Outdoor Leadership 1	2
LDRSP 3202	Outdoor Leadership 2	2
Board Review Courses (2 units)		
COEN 4101	Course Enrichment 1	1
COEN 4202	Course Enrichment 2	1
TOTAL		30

SUMMARY OF UNITS BY COMPONENT

Components	Units
General Education Courses (with Literature)	42
Professional Education Courses	42
Major Courses	73
Physical Education	8
NSTP	6
Institution – Mandated Courses	45
GRAND TOTAL	216

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