



# PRESBYTERIAN THEOLOGICAL COLLEGE

6200 Cantil-e, Dumaguete City, Negros Oriental, Philippines

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## BACHELOR OF SECONDARY EDUCATION (BSED)

Major in Science

Based on CHED Memorandum (CMO) No. 75, s. 2017

Name: \_\_\_\_\_

Contact #: \_\_\_\_\_

FIRST YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
Bio 100	Genetics (lecture & laboratory)	4	Bio 101	Cell and Molecular Biology (lecture & laboratory)	4
Phys 130	Fluid Mechanics	3	Phys 131	Thermodynamics (lecture & laboratory)	4
Ed 101	The Child and Adolescent Learner and Learning Principles	3	Ed 102	The Teaching Profession	3
GE 1	Understanding the Self	3	GE 4	The Contemporary World	3
GE 2	Mathematics in the Modern World	3	GE 5	Purposive Communication	3
GE 3	Art Appreciation	3	GE 6	Science, Technology and Society	3
PE 101	Self-Testing Activities	2	PE 102	Fundamentals of Rhythmic Activities	2
NSTP 1	Civic Welfare Training Service 1	3	NSTP 2	Civic Welfare Training Service 2	3
<b>Total Units</b>		<b>24</b>	<b>Total Units</b>		<b>25</b>

SECOND YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
Chem 120	Inorganic Chemistry (lecture & 2 units laboratory)	5	Chem 121	Analytical Chemistry (lecture & 2 units laboratory)	5
Bio 102	Microbiology and Parasitology (lecture & laboratory)	4	Bio 103	Anatomy and Physiology (lecture & laboratory)	4
Phys 132	Electricity and Magnetism (lecture & laboratory)	4	Phys 133	Waves and Optics (lecture & laboratory)	4
Ed 103	The Teacher and the Community, School Culture and Organizational Leadership	3	Ed 104	Foundation of Special and Inclusive Education	3
GE 9	Religions, Religious Experiences and Spirituality	3	Ed 105	Facilitating Learner-Centered Teaching	3
GE 7	Readings in Philippine History	3	GE 10	Living in the IT Era	3
GE 8	Ethics	3	GE 11	Philippine Popular Culture	3
PE 103	Fundamentals of Games and Sports	2	PE 104	Recreational Activities	2
<b>Total Units</b>		<b>27</b>	<b>Total Units</b>		<b>27</b>

THIRD YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
Phys 140	Earth Science	3	Chem 124	Biochemistry	3
Phys 141	Environmental Science	3	PhySci 151	Technology for Teaching and Learning 2*	3
Phys 142	Astronomy	3	PhySci 152	Research in Teaching	3
Phys 143	Meteorology	3	PhySci 150	The Teaching of Science/Teaching the Specialized Field	3
Chem 122	Organic Chemistry (lecture & 2 units laboratory)	5	Ed 109	Building and Enhancing New Literacies Across the Curriculum	3
Phys 135	Modern Physics	3	Ed 110	The Teacher and the School Curriculum	3
Ed 108	Technology for Teaching and Learning 1	3	Ed 107	Assessment in Learning 2	3
Ed 106	Assessment in Learning 1	3	GE 12	Life and Works of Rizal	3
<b>Total Units</b>		<b>26</b>	<b>Total Units</b>		<b>24</b>

FOURTH YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
FS 1	Field Study 1- Observation of Teaching-Learning in Actual Environment	3	Practicum	Teaching Internship	6
FS 2	Field Study 2- Participation and Teaching Assistantship	3			
<b>Total Units</b>		<b>6</b>	<b>Total Units</b>		<b>6</b>

SUMMARY	
	TOTAL UNITS
General Education Courses	36
Professional Education Courses	42
Major Courses	73
Physical Education	8
NSTP	6
<b>TOTAL</b>	<b>165</b>