

**SILLIMAN UNIVERSITY  
DUMAGUETE CITY**

**School/College:** College of Education

**Program Name:** Bachelor of Secondary Education (BSEd) major in SCIENCE

*(Guidelines for the Implementation of CMO 75 s. 2017 this PSG implements the "shift to learning competency-based standards/outcomes-based education" in response to the 21<sup>st</sup> century Philippine Education framework).*

**Curriculum Year:** 2018-2019

**First Year**

**First Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 11	The Child & Adolescent Learner & Lrng. Principles (with FS 1)	4		4	
GE 1	Understanding the Self	3		3	
GE 3	The Contemporary World	3		3	
GE 5	Purposive Communication	3		3	
GE 7	Science, Technology & Society	3		3	
GE 9	The Life & Works of Jose Rizal	3		3	
CHS 1	Rdg. & Interpreting the Hebrew Scriptures	3		3	
NSTP 1	National Service Training Program	3		3	
PE 1	Physical Fitness & Swimming	2		2	
PEP 1	Personal Enhancement Program	NC		NC	
	<b>Total</b>			<b>27</b>	

**Second Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 12	Bldg. & Enhancing New Literacies Across the Curriculum	3		3	
ALA	Augmentation Lrng. Activities	NC		NC	
GE 2	Readings in Phil. History	3		3	
GE 4	Mathematics in the Modern World	3		3	
GE 6	Art Appreciation	3		3	
GE 8	Ethics	3		3	
GE 10	Whole Person Education (WPE)	3		3	
CHS 2	Rdg. & Interpreting the Christian Scriptures	3		3	
NSTP 2	National Service Training Program	3		3	
PE 2	Physical Education	2		2	
PEP 2	Personal Enhancement Program	NC		NC	
	<b>Total</b>			<b>26</b>	

**Second Year**

**First Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 31	Technology for Tchg & Lrng 1 (with FS 3)	4		4	
ED 33	Assessment of Learning 1	3		3	
ED 35	Facilitating Learner-Centered Tchg. (with FS 2)	4		4	
SEd 31/ Chem 18	Analytic Chemistry	3	2	5	
SEd 33/ Phys 17	Electricity & Magnetism	3	1	4	
SEd 35/ Phys31E	Earth Science	3		3	
GE 11	Sinesosyedad	3		3	
PE 3	Physical Education	2		2	
	<b>Total</b>			<b>28</b>	

**Second Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 32	Foundation of Special & Inclusive Education	3		3	
ED 34	Assessment of Learning 2(with FS 5)	4		4	
SED 32	Inorganic Chemistry	3		3	
SEd 34	Modern Physics	3	1	4	
SEd 36/ Phys31A	Fluid Mechanics	3		3	
SEd 38/ Phys 31B	Environmental Science	3		3	
TTL 2	Technology for Tchg. & Lrng. 2- Science	3		3	
PE 4	Physical Education	2		2	
ED 36	The Teacher & the School Curriculum w/ FS 4	4		4	
	<b>Total</b>			<b>29</b>	

**Summer**

SEd 52/Bio 22 (Gen.Microbiol.& Parasitology)	5
ED 62 (The Tchr & the Community,School, Culture & Organizational Leadership)	3
<b>Total -</b>	<b>8</b>

**Third Year**

**First Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
SEd 51/ Chem 19	Organic Chemistry	3	2	5	
ED 59	The Teaching Profession w/ FS 5	3	2	4	
SEd 55/ Phys31C	Thermodynamics	3	1	4	
SEd 59/ Bio 35	Cell & Molecular Biology	3	2	5	
ED 65	Research in Teaching	3		3	
SEd 61/ Phys 7	Basic Astronomy	3		3	
Phys 5/ SEd 63	Basic Meteorology	3		3	
	<b>Total</b>			<b>27</b>	

**Second Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
SEd 53/Bio 24	Genetics	3	2	5	
SEd 54/ Chem 20	Biochemistry	3	2	5	SEd 31, SEd 51
SEd 56/ Bio 50	Anatomy & Physiology	3	2	5	
SEd 58	Teaching of Science/Teaching the Specialized Field	3		3	
SEd 60/ Phys 31D	Waves & Optics	3	1	4	
GE 12/ CHS 3	Ethics of Christian Faith	3		3	
GE 14	Living in the IT Era	3		3	
	<b>Total</b>			<b>28</b>	

**Fourth Year**

**First Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 71	Teaching Internship	3	3	6	
GE 15/ Anthro/ Socio 73	Gender & Society	3		3	
	<b>Total</b>			<b>9</b>	

**Second Semester**

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 72	Teaching Internship	3	3	6	
GE 16	Reading Visual Arts	3		3	
	<b>Total</b>			<b>9</b>	

**Note: Those who will take this major must have pursued STEM in the SHS.**