



university of cebu

**University of Cebu**  
**College of Teacher Education**  
**Bachelor of Secondary Education Major in Science (BSED-Science)**  
**CMO No. 75, Series of 2017**  
**Effective School Year 2022-2023**

Name : \_\_\_\_\_ Date Started / First Enrolled: \_\_\_\_\_  
 ID Number : \_\_\_\_\_ Expected Date of Graduation: \_\_\_\_\_

**FIRST YEAR**

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
HUM 101	Art Appreciation	3				3	
PSYCH 101	Understanding the Self	3				3	
ENGL 101	Purposive Communication	3				3	
TC 111	Foundation of Special and Inclusive Education	3				3	
TC 112	The Child and Adolescent Learners and Learning Principles	3				3	
NAT SC 111	Earth Science	3				3	
PE 101	Movement Competency Training (PATHFit 1)	2				2	
NSTP 101	National Service Training Program 1	3				3	
<b>Total</b>		<b>23</b>				<b>23</b>	

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
HUM 102	Philippine Popular Culture	3				3	
MATH 101	Mathematics in the Modern World	3				3	
HIST 101	Readings in Philippine History	3				3	
COMP 100	Computer Applications	2		1	3	3	
PC 121	Building and Enhancing New Literacies Across the Curriculum	3				3	
PC 122	Facilitating Learner-Centered Teaching	3				3	TC 112
BIO 121	Genetics	3		1	3	4	
PE 102	Exercised-Based Fitness Activities (PATHFit 2)	2				2	PE 101
NSTP 102	National Service Training Program 2	3				3	NSTP 101
<b>Total</b>		<b>25</b>		<b>2</b>		<b>27</b>	

**SECOND YEAR**

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
STS 101	Science Technology and Society	3				3	
SOCIO 101	The Contemporary World	3				3	
PC 213	Technology for Teaching and Learning 1	3				3	
CHEM 211	Inorganic Chemistry	3		2	6	5	
PHYS 211	Fluid Mechanics	3				3	
PHYS 212	Thermodynamics	3		1	3	4	
BIO 212	Microbiology and Parasitology	3		1	3	4	
PE 103	Sports and Dance (PATHFit 3)	2				2	PE 102
<b>Total</b>		<b>23</b>		<b>4</b>		<b>27</b>	

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
PHILO 101	Ethics	3				3	
SOCIO 102	Gender and Society	3				3	
PHYS 223	Electricity and Magnetism	3		1	3	4	PHYS 211
CHEM 222	Organic Chemistry	3		2	6	5	CHEM 211
BIO 223	Anatomy and Physiology	3		1	3	4	
NAT SCI 222	Environmental Science	3				3	
TTL	Technology for Teaching and Learning 2	2		1	3	3	PC 213
PE 104	Sports/Outdoor Adventure Activities (PATHFit 4)	2				2	PE 103
<b>Total</b>		<b>22</b>		<b>5</b>		<b>27</b>	

**SUMMER**

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
LIT 101	Literature of the World	3				3	
RIZAL 101	Life and Works of Dr. Jose Rizal	3				3	
ASTRO 221	Astronomy	3				3	
<b>Total</b>		<b>9</b>				<b>9</b>	



### THIRD YEAR

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
ENTREP 100	Entrepreneurship	3				3	
TVL 100	TECHVOC NCII – Computer Servicing	2		1	3	3	
TC EC 311	Education Enhancement Course 1	3				3	All Gen Ed Courses
PC 314	Assessment in Learning 1	3				3	PC 122
PC 315	The Teacher and the School Curriculum	3				3	PC 121
TC 313	The Teaching Profession	3				3	PC 121
PHYS 314	Wave and Optics	3		1	3	4	PHYS 211, PHYS 223
CHEM 313	Biochemistry	3				3	CHEM 222
PHYS 315	Modern Physics	3				3	PHYS 211, PHYS 212, PHYS 223
<b>Total</b>		<b>26</b>		<b>2</b>		<b>28</b>	

Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
TC EC 322	Education Enhancement Course 2	3				3	All PC and TC Courses
PC 325	Assessment in Learning 2	3				3	PC 314
TC 324	The Teacher and the Community, School Culture and Organizational Leadership	3				3	TC 313
TC RES - GS	Research in Teaching Science	3				3	
NAT SCI 323	Meteorology	3				3	PHYS 211
CHEM 324	Analytical Chemistry	3		2	6	5	CHEM 211, CHEM 222, CHEM 313
BIO 324	The Teaching of Science	3				3	
BIO 325	Cell and Molecular Biology	3		1	3	4	BIO 121, CHEM 313
<b>Total</b>		<b>24</b>		<b>3</b>		<b>27</b>	

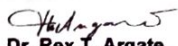
### FOURTH YEAR

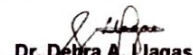
Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
FS 411	Field Study 1	3				3	All 3 <sup>rd</sup> year subjects
FS 412	Field Study 2	3				3	All 3 <sup>rd</sup> year subjects
<b>Total</b>		<b>6</b>				<b>6</b>	

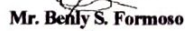
Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
		Units	Hrs	Units	Hrs		
PT 422	Teaching Internship	6				6	FS 411, FS 412
<b>Total</b>		<b>6</b>				<b>6</b>	

**Summary of Courses:**


• General Education Courses	: 39
• Professional Courses	: 30
• Major Courses	: 73
• Mandated Courses (PE and NSTP)	: 14
• Internship	: 12
• Institutional Courses	: 3
• Other Courses	: 9
<b>Total</b>	<b>: 180</b>


  
**Dr. Rex T. Argate**  
Dean

  
**Dr. Debra A. Llagas**  
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**Mr. Benly S. Formoso**  
Dean

  
**Ms. Elita B. Sabornido**  
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