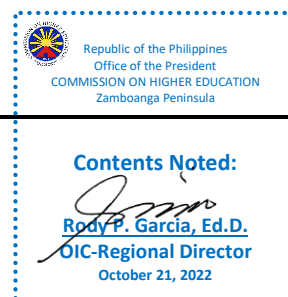


ANDRES BONIFACIO COLLEGE
College Park, Dipolog City
COLLEGE OF ARTS AND SCIENCES



Curriculum for Bachelor of Science in Agriculture (BSA)

CMO No. 23, s. 2021

Effective Academic Year 2022-2023

FIRST YEAR

First Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre- requisite</u>
___	Agri. 111	Introduction to Agriculture	3	0	3	3	None
___	GEC 111	Understanding the Self	3	0	3	3	None
___	An. Sci. 111	Introduction to Animal Science	2	1	3	5	None
___	Soil Sci. 111	Principles of Soil Science	2	1	3	5	None
___	Crop Protec. 111	Principles of Crop Protection	2	1	3	5	None
___	Crop Sci. 111	Principles of Crop Production	2	1	3	5	None
___	PATHFit 1	Movement Competency Training	2	0	2	2	None
___	IC 111	Life and Works of Andres Bonifacio	2	0	2	2	None
___	NSTP 111	National Service Training Program 1	3	0	3	3	None
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Second Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre- requisite</u>
___	Crop Sci. 121	Practices of Crop Science and Management	2	1	3	5	Crop Sci. 111
___	Agri. 121	Introduction to Organic Agriculture	3	0	3	3	None
___	An. Sci. 121	Introduction to Livestock and Poultry Production	2	1	3	5	An. Sci. 111
___	Crop Protec. 121	Approaches and Practices in Pest Management	2	1	3	5	Crop Protec. 111
___	Soil Sci. 121	Soil Fertility, Conservation and Management	2	1	3	5	Soil Sci. 111
___	Agri. 122	The Entrepreneurial Mind	3	0	3	3	None
___	GEC 121	Ethics	3	0	3	3	None
___	PATHFit 2	Exercise-based Fitness Activities	2	0	2	2	PATHFit 1
___	NSTP 121	National Service Training Program 2	3	0	3	3	NSTP 111
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Summer

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre- requisite</u>
___	Agri 212	Practicum for Skills Development (240 Hours)	3	0	3		None

SECOND YEAR

First Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre- requisite</u>
___	GEC 211	Mathematics in the Modern World	3	0	3	3	None
___	An. Sci. 213	Slaughter of Animals and Animal Products Processing	2	1	3	5	None
___	Gen. 211	Principles of Genetics	2	1	3	5	None
___	Chem. 211	Organic Chemistry	2	1	3	5	None
___	Agri. Ext. 211	Principles of Agricultural Extension and Communication	3	0	3	3	None
___	GEC 124	Science, Technology and Society	3	0	3	3	None
___	Agri. 213	Principles of Agricultural Entrepreneurship and Enterprise Development	3	0	3	3	Agri. 122
___	PATHFit 3	Dance/Sports/Martial Arts/Group Exercise/Outdoor and Adventure Activities	2	0	2	2	PATHFit 2
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SECOND YEAR

Second Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre- requisite</u>
___	Chem. 222	General Biochemistry	3	0	3	3	None
___	MST 122	Living in the IT Era	3	0	3	3	None
___	Agri 221	Methods of Agricultural Research	3	0	3	3	None
___	Agri 222	Basic Farm Machineries, Mechanization and Water Management	2	1	3	5	None
___	Agri 223	Natural Resource and Environmental Management	3	0	3	3	An Sci 111, Crop Sci 111, Soil Sci 111
___	Agri. 224	Introduction to Agriculture Commodity Systems	3	0	3	3	Agri. 122 Agri. 213
___	PATHFit 4	Dance/Sports/Martial Arts/Group Exercise/Outdoor and Adventure Activities	2	0	2	2	PATHFit 2

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All students who satisfactorily completed the first two (2) years shall be awarded the Certificate of Agricultural Science (CAS) which they may use for immediate employment or application to TESDA Skills Certification, subject to the requirement of the specific TESDA Training Regulation (NC III) being applied for.

THIRD YEAR
First Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre-requisite</u>
—	SSP 122	Philippine Indigenous Communities with Peace Studies	3	0	3	3	None
—	GEC 123	Purposive Communication	3	0	3	3	None
—	An. Sci. 314 (M1)	Poultry Production	2	1	3	5	An. Sci. 121
—	An. Sci. 315	General Physiology and Toxicology	2	1	3	5	Crop Protec. 121
—	An. Sci. 316 (M2)	Swine Production	2	1	3	5	An. Sci. 121
—	Agri Sem. 311	Seminar A (Undergraduate Seminar)	1	0	1	1	None
—	Agri Res 312	Thesis 1 (Outline)	2	0	2	2	None
—	Agri. Bio. 311	Agricultural Biotechnology	2	1	3	5	None
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Second Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre-requisite</u>
—	GEC 113	The Contemporary World	3	0	3	3	None
—	Agri Sem 322	Seminar B (Undergraduate Seminar)	1	0	1	1	Agri Sem 311
—	Agri Res 323	Thesis 2 (Experimental)	2	0	2	2	Agri Res 312
—	Agri. 321	Introduction to Agricultural Policy and Development	3	0	3	3	GEC 124
—	An. Sci. 327 (M3)	Ruminant Production	2	1	3	5	An. Sci. 121
—	Crop Sci. 323 (M4)	Plant Propagation and Nursery Management	2	1	3	5	Crop. Sci. 121
—	GEC 115	Gender and Society	3	0	3	3	None
—	GEC 122	Art Appreciation	3	0	3	3	None
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FOURTH YEAR
First Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre-requisite</u>
—	Crop Sci. 414 (M5)	Legumes and Root Crop Production	2	1	3	5	Crop. Sci. 121
—	Crop Protec. 413	Beneficial Arthropods and Microorganism	3	0	3	3	None
—	Crop Sci. 415	Post-Harvest Handling and Seed Technology	2	1	3	5	Crop. Sci.121, Crop Protec. 121
—	Rizal 101	Rizal's Life and Works	3	0	3	3	None
—	GEC 112	Readings in Philippine History	3	0	3	3	None
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Second Semester

<u>Grade</u>	<u>Subject</u>	<u>Description</u>	<u>Lec</u>	<u>Lab</u>	<u>Total Units</u>	<u>Hrs / Week</u>	<u>Pre-requisite</u>
—	Agri Res 421	Thesis 3 (Manuscript and Defense)	2	0	2	2	Agri Res 323
—	Agri Tech 422	Apprenticeship/OJT (Industry Exposure-240 Hours)			3		
						5	

TOTAL UNITS

Summary:

General Education Courses (GEC)	36	GEC. 111, 112, 113, 115, 121, 122, 123, 124, 211, MST 122, SSP 122, Rizal 101
Institutional Electives	5	IC 111
Core Courses	65	Crop Sci. 111, 121, Crop Protection 111, 121, Ani. Sci. 111, 121, 213, Soil Sci. 111, 121, Agri. 111, 121, 122, Agri. Ext. 211, Gen. 211, Chem. 211, 222, Agri 221, Agri 222, Agri 223, Agri. 224, Agri. 213, Agri Sem 311, 322, Agri. Bio. 311
Major Courses	27	An. Sci. 213, 315, 314, 316, 327, Crop Sci. 323, 415, 414, Crop Protec. 413
Practicum for Skills Development	3	
Thesis	6	
Apprenticeship/ OJT (Industry Exposure)	3	
Physical Education (P.E.)	8	
National Service Training Program (NSTP)	6	

TOTAL UNITS

159 units

ASTERIO P. SALIOT, PHD., JD.
Dean, Agriculture

DEMETRIO D. MARTUS, MSA, MPA
Program Head

