



**COLLEGE OF AGRICULTURE**

**CURRICULUM**

**Course:** Bachelor of Science in Agriculture  
**Major:** Crop Protection (Entomology Option)  
**Revised (MM/YYYY):** MAY 2020 (For Incoming Second Year) 2019 CURRICULUM  
**Approved BOR No.:** 148,s. 2020

**FIRST YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 12	Readings in Philippine History	3.0	0.0	3.0	None
GEC 13	The Contemporary World	3.0	0.0	3.0	None
GEE 15	Gender and Society	3.0	0.0	3.0	None
CHY 30*	College Chemistry	2.0	0.0	2.0	None
CHY 30.1*	College Chemistry Laboratory	0.0	3.0	1.0	None
AGRIC 41	Introduction to Agriculture	1.0	0.0	1.0	None
CPRT 41	Principles of Crop Protection	2.0	3.0	3.0	None
CPSCI 41	Principles of Crop Production	2.0	3.0	3.0	None
PE 31	Movement Enhancement	2.0	0.0	2.0	None
NSTP 1	National Service Training Program I	3.0	0.0	3.0	None
<b>TOTAL</b>		<b>21.0</b>	<b>9.0</b>	<b>24.0</b>	

\* For non-STEM completers

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 11	Understanding the Self	3.0	0.0	3.0	None
GEC 14	Mathematics in the Modern World	3.0	0.0	3.0	None
GEC 15	Purposive Communication	3.0	0.0	3.0	None
CHY 32	Organic Chemistry	2.0	0.0	2.0	CHY 30 & CHY 30.1
CHY 32.1	Organic Chemistry Laboratory	0.0	3.0	1.0	CHY 30 & CHY 30.1
ANSCI 42	Introduction to Animal Science	2.0	3.0	3.0	AGRIC 41
CPRT 42	Approaches and Practices in Pest Management	2.0	3.0	3.0	CPRT 41
SOILS 42	Principles of Soil Science	2.0	3.0	3.0	CHY for Non-STEM Completers, AGRIC 41
PE 32	Fitness Exercises	2.0	0.0	2.0	PE 31
NSTP 2	National Service Training Program II	3.0	0.0	3.0	NSTP 1
<b>TOTAL</b>		<b>22.0</b>	<b>12.0</b>	<b>26.0</b>	

**MIDYEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
AGRIC 98	Practicum (Skills Development in Animal Science/Crop Protection/Crop Science)	240 HOURS		6.0	AGRIC 41, GEC 11, GEC 14, GEC 15, ANSCI 42/CPRT 42/CPSCI 41

**SECOND YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 16	Art Appreciation	3.0	0.0	3.0	None
BIO 31	Introduction to Genetics	2.0	3.0	3.0	None
CHY 47	Biochemistry	3.0	0.0	3.0	CHY 32, CHY 32.1
AGECN 41	Principles of Agricultural Entrepreneurship and Enterprise Development	3.0	0.0	3.0	None
AGRIC 43	Introduction to Organic Agriculture	3.0	0.0	3.0	AGRIC 41
ANSCI 43	Introduction to Livestock and Poultry Production	2.0	3.0	3.0	ANSCI 42
CPSCI 43	Practices of Crop Production	2.0	3.0	3.0	CPSCI 41
SOILS 43	Soil Fertility, Conservation and Management	2.0	3.0	3.0	SOILS 42
PE 33	Physical Activities Towards Health & Fitness I	2.0	0.0	2.0	PE 31
<b>TOTAL</b>		<b>22.0</b>	<b>12.0</b>	<b>26.0</b>	

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 17	Science, Technology and Society	3.0	0.0	3.0	None
GEE 13	Living in the IT Era	3.0	0.0	3.0	None
ABE 30	Basic Farm Machineries and Mechanization	2.0	3.0	3.0	None
AGECN 42	Introduction to Agricultural Commodity Systems	3.0	0.0	3.0	AGECN 41
AGRIC 44	Statistics Applied to Agriculture	2.0	3.0	3.0	GEC 14
AGEXT 42	Principles of Agricultural Extension and Communication	3.0	0.0	3.0	AGRIC 41
ENS 43	Natural Resource and Environmental Management	3.0	0.0	3.0	None
PE 34	Physical Activities Towards Health & Fitness II	2.0	0.0	2.0	PE 31
<b>TOTAL</b>		<b>21.0</b>	<b>6.0</b>	<b>23.0</b>	

**CERTIFICATE IN AGRICULTURAL SCIENCE (CAS)**

All Students who satisfactorily completed the first (two) years shall be awarded the Certificate of Agricultural Science (CAS)

**THIRD YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 18	Ethics	3.0	0.0	3.0	None
GEC 19	The Life, Works and Writings of Jose Rizal	3.0	0.0	3.0	None
AGRIC 45	Basic Biotechnology	3.0	0.0	3.0	BIO 31
CPRT 43	Beneficial Arthropods and Microorganisms	2.0	3.0	3.0	CPRT 42
AGRIC 95	Methods of Agricultural Research	2.0	3.0	3.0	AGRIC 44
Major Course 1				3.0	
Major Course 2				3.0	
Major Course 3				3.0	
<b>TOTAL</b>				<b>24.0</b>	

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEE 19	Philippine Popular Culture	3.0	0.0	3.0	None
ANSCI 44	Slaughter of Animals and Animal Product Processing	2.0	3.0	3.0	ANSCI 42
CPRT 44	General Physiology and Toxicology	2.0	3.0	3.0	CPRT 42
CPSCI 44	Postharvest Handling and Seed Technology	2.0	3.0	3.0	CPSCI 43
CPRT 99A	Seminar A in Crop Protection (Entomology Option)	1.0	0.0	1.0	Passed at least 6 units of major courses
Major Course 4				3.0	
Major Course 5				3.0	
Major Course 6				3.0	
CPRT 100.1**	Undergraduate Thesis/Practicum/Major Farm Practice in Crop Protection (Entomology Option) (Outline/Proposal)	0.0	2.0	2.0	AGRIC 95
<b>TOTAL</b>				<b>24.0</b>	

**FOURTH YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ABE 31	Introduction to Water Management and Irrigation	2.0	3.0	3.0	None
AGECN 45	Introduction to Agricultural Policy and Development	3.0	0.0	3.0	None
AGEXT 43	Management of Extension Programs	3.0	0.0	3.0	AGEXT 42
AGRIC 97	Competency Enhancement	6.0	0.0	6.0	Certificate of Agricultural Science
CPRT 99B	Seminar B in Crop Protection (Entomology Option)	1.0	0.0	1.0	CPRT 99A
CPRT 99C	Seminar C (Colloquium) in Crop Protection (Entomology Option)	1.0	0.0	1.0	CPRT 99A
Major Course 7				3.0	
Major Course 8				3.0	
CPRT 100.2**	Undergraduate Thesis/Practicum/Major Farm Practice in Crop Protection (Entomology Option) (Experimental/Conduct)	0.0	2.0	2.0	CPRT 100.1
<b>TOTAL</b>				<b>25.0</b>	

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
CPRT 98	Apprenticeship/On-the-Job-Training (240 hrs.)	0.0	6.0	6.0	Passed all courses
CPRT 100.3**	Undergraduate Thesis/Practicum/Major Farm Practice in Crop Protection (Entomology Option) (Manuscript and Defense)	0.0	2.0	2.0	CPRT 100.2
<b>TOTAL</b>		<b>0.0</b>	<b>8.0</b>	<b>8.0</b>	

**List of Major Courses:**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ENTOM 51	Insect Morphology	2.0	3.0	3.0	CPRT 42
ENTOM 52	Acarology	2.0	3.0	3.0	CPRT 42
ENTOM 53	Insect Taxonomy	2.0	3.0	3.0	CPRT 42
ENTOM 54	Insect Pests of Economic Crops	2.0	3.0	3.0	ENTOM 53
ENTOM 55	Insect Ecology	2.0	3.0	3.0	CPRT 42
ENTOM 56	Biological Control of Insect Pests	2.0	3.0	3.0	CPRT 43
ENTOM 57	Postharvest Entomology	2.0	3.0	3.0	CPRT 42
ENTOM 59	Apiculture	2.0	3.0	3.0	CPRT 42
ENTOM 61	Insect Physiology	2.0	3.0	3.0	CPRT 44

\*\*may be offered every semester including midyear

**Summary of Units**

General Education Courses	36.0
Core Courses	100.0
Major Courses	24.0
Undergraduate Thesis/Practicum/Major Farm Practice	6.0
Apprenticeship/On-the-Job-Training	6.0
NSTP/PE	14.0
<b>TOTAL</b>	<b>183/186*</b>

Prepared by:

Certified by:

Approved by:

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 Department Chairperson

**KAREN N. LUCINO**  
 College Registrar

**MARIA ESTELA B. DETALLA**  
 Dean