

PROGRAM CURRICULUM

Program : Bachelor of Science in Agriculture (BSA) major in Horticulture
Department : Department of Agricultural Sciences
College : College of Agriculture and Agri-Industries (CAA)
Date of Revision : Rev. 2, 02-27-2020
Effectivity : 1st Semester AY 2020-2021
Basis : CMO #: ___ Series 2017

FIRST YEAR

Grade	FIRST SEMESTER COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	AGRI 1	Introduction to Agriculture	1	1	0	1	1	0		
	ANSCI 1	Introduction to Animal Science	3	2	1	5	2	3		
	CROPSCI 1	Principles of Crop Production	3	2	1	5	2	3		
	CP 1	Principles of Crop Protection	3	2	1	5	2	3		
	CHEM 16	Principles of Chemistry	5	3	2	9	3	6		
	STS	Science, Technology and Society	3	3	0	3	3	0		
	PE 1	Physical Fitness	(2)	(2)	0	2	2	0		
	NSTP 1	CWTS/LTS/ROTC 1	(3)	(3)	0	3	3	0		
	SE 101	Orientation to University Life						1.5		
			23	18	5	34.5	16	15		

FIRST YEAR

Grade	SECOND SEMESTER COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	SOILS 1	Principles of Soil Science	3	2	1	5	2	3	CHEM 16	
	CP 2	Approaches and Practices in Pest Management	3	2	1	5	2	3	CP 1	
	CROPSCI 2	Practices of Crop Production	3	2	1	5	2	3	CROPSCI 1	
	CHEM 36	Fundamentals of Organic Chemistry	5	3	2	9	3	6	CHEM 16	
	UTS	Understanding the Self	3	3	0	3	3	0		
	PE 2	Rhythmic Activities	(2)	(2)	0	2	2	0		
	NSTP 2	CWTS/LTS/ROTC 2	(3)	(3)	0	3	3	0	NSTP 1	
	SE 102	The Elements of Success						1.5		
			22	17	5	33.5	17	15		

SECOND YEAR

Grade	FIRST SEMESTER COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	ANSCI 2	Introduction to Livestock and Poultry Production	3	2	1	5	2	3	ANSCI 1	
	SOILS 2	Soil Fertility, Conservation and Management	3	2	1	5	2	3	SOILS 1	
	AGEX 1	Principles of Agricultural Extension and Communication	3	3	0	3	3	0		
	CHEM 46	Fundamentals of Biochemistry	5	3	2	9	3	6	CHEM 36	
	PC	Purposive Communication	3	3	0	3	3	0		
	RPH	Readings in the Philippine History	3	3	0	3	3	0		
	EEP 1	English Enhancement Program 1	2	2	0	2	2	0		
	PE 3	Individual and Dual Sports	(2)	(2)	0	2	2	0		
	SE 103	Intrapersonal and Interpersonal Skills						1.5		
			24	19	4	33.5	20	12		

SECOND YEAR

Grade	SECOND SEMESTER COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	PHT 1	Post Harvest Handling and Seed Technology	3	2	1	5	2	3	CHEM 46, CROPSCI 2	
	ABM 1	Introduction to Agricultural Commodity and Enterprise Development	3	3	0	3	3	0		
	ANSCI 3	Slaughter of Animals and Animal Product Processing	3	2	1	5	2	3	ANSCI 1	
	AGECON 1	Principles of Agricultural Economics	3	3	0	3	3	0		
	ENS 115	Natural Resource and Environmental Management	3	3	0	3	3	0		
	MMW	Mathematics in the Modern World (with Lab)	3	2	1	5	2	3		
	TCW	The Contemporary World	3	3	0	3	3	0		
	PE 4	Major/Team Sports	(2)	(2)	0	2	2	0		
	SE 104	Social Responsibility and Accountability						1.5		
			23	22	3	30.5	20	9		

SUMMER

Grade	COURSE CODE	DESCRIPTIVE TITLE	Total Contact Hrs.	Prerequisite (s)	Co-requisite (s)
	TESDA NC	TESDA NC 1 or 2 Assessment	8 hrs	All 1st & 2nd year subjects	

All students who satisfactorily completed the first two (2) years and the TESDA Skill/National Certification Assessment shall be

Approved by: 
 ANTHONY M. PENASCO, Ph.D.
 University President
 Noted by: 
 ROLANDO N. FALLUGAN, Ph.D.
 VPAA
 Verified by: 
 ELIZABETH P. PARAC, Ph.D.
 Dean
 Verified by: 
 JOHN MARK S. ROMULO
 Chairperson
 Verified by: 
 SUSANA MONTILLA
 Program Coordinator

THIRD YEAR

Grade	COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	AGRI 2	Methods of Agricultural Research	3	2	1	5	2	3	MMW	
	CP 3	Beneficial Arthropods and Micro-Organism	3	2	1	5	2	3	CP 2	
	HORTI 101	Fundamentals of Horticulture	3	2	1	5	2	3	CROPSCI 2	
	HORTI 102	Tropical Olericulture	3	2	1	5	2	3	CROPSCI 2	
	AGRI 3	Seminar A	1	1	0	1	1	0	All 1st & 2nd Year Core Courses	
	BIOL 105	Genetics	5	3	2	9	3	6	CHEM 46	
	ArtApp	Art Appreciation	3	3	0	3	3	0		
	EEP 2	English Enhancement Program 2	2	2	0	2	2	0	EEP 1	
	SE 105	Career Readiness 1				1.5				
Total			23	17	6	36.5	17	18		

Approved by:
[Signature]
ANTHONY M. RENASCO, Ph.D.
University President

THIRD YEAR

Grade	COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	HORTI 103	Principles and Practices of Plant Breeding, Propagation and Nursery Management	3	2	1	5	2	3	CROPSCI 2	
	HORTI 104	Pomology and Orchard Management	3	2	1	5	2	3	HORTI 101, HORTI 102	
	AGRI 4	Colloquium	1	1	0	1	1	0	All 1st & 2nd Year Core Courses	
	AGRI 199a	Thesis 1 (Outline)	2	2	0	2	2	0	AGRI 2	
	ABM 2	Principles of Agricultural Entrepreneurship and Marketing	3	3	0	3	3	0		
	ABE 11	Basic Farm Machineries and Mechanization	3	2	1	5	2	3	MMW	
	LWR	Life and Works of Rizal	3	3	0	3	3	0		
	EEP 3	English Enhancement Program 3	2	2	0	2	2	0	EEP 2	
	SE 106	Career Readiness 2				1.5				
Total			20	17	3	27.5	17	9		

Noted by:
[Signature]
ROLANDIN PALMORA, Ph.D.
VPAK

SUMMER

Grade	COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	AGRI 198	OJT for all (240 hours)	6	0	6	(240)	0	(240)	All Major Subjects from 1st year and 2nd year	
Total			6	0	6	240	0	240		

Students who shall choose OJT Abroad as option shall be given the grade equivalent for Thesis and OJT

Verified by:
[Signature]
ELIZABETH P. PARAC, Ph.D.
Dean

FOURTH YEAR

Grade	COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	HORTI 105	Introduction to Plant Tissue Culture	3	2	1	5	2	3	CHEM 46	
	CROPSCI 3	Plantation Crops Production and Management	3	2	1	5	2	3	CROPSCI 2	
	CP 4	General Physiology and Toxicology	3	2	1	5	2	3	CHEM 46, CP 3	
	AGRI 5	Introduction to Agricultural Policy and Development	3	3	0	3	3	0	AGECON 1	
	AGRI 199b	Thesis 2 (Experimental)	2	0	2	2	0	2	AGRI 199a	
	ABE 12	Introduction to Water Management and Irrigation	3	2	1	5	2	3	ABE 11	
	BioSci 3	Basic Biotechnology	3	2	1	5	2	3	BIOL 105	
	SE 107	Pre-Employment Seminar 1				1.5				
Total			20	16	5	31.5	16	15		

Verified by:
[Signature]
JOHN MARK S. RAQUENA
Chairperson

FOURTH YEAR

Grade	COURSE CODE	DESCRIPTIVE TITLE	Units			Contact Hrs.			Pre-requisite (s)	Co-requisite (s)
			Total	Lec.	Lab.	Total	Lec.	Lab.		
	AGRI 6	Introduction to Organic Agriculture	3	2	1	5	2	3	AGRI 1	
	HORTI 106	Floriculture and Landscape Management	3	2	1	5	2	3	HORTI 101	
	SOILS 3	Soil Survey, Classification and Land Use	3	2	1	5	2	3	SOILS 2	
	AGRI 7	Seminar B	1	1	0	1	1	0	AGRI 3	
	AGRI 199c	Thesis 3 (Manuscript and Defense)	2	2	0	2	2	0	AGRI 199b	
	Eth	Ethics	3	3	0	3	3	0		
	SE 108	Pre-Employment Seminar 2				1.5				
Total			15	9	3	24.5	3	24.0		

Prepared by:
[Signature]
SUSANA MONTILLA
Program Coordinator

OVER-ALL TOTAL 176

Pre-requisite course(s) - refers to a course or set of courses which should be enrolled in and passed accordingly before the specified course can be enrolled in.

Co-requisite course(s) - refers to a course or set of courses which may be enrolled in earlier or the latest taken simultaneously with specific course.

However the respective incurred grade will not affect the validity of the grade of the other specific course.