

Program : Bachelor of Science in Agriculture (BSA) major in Soil Science
 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

FIRST SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	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

SECOND SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	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

FIRST SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	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

SECOND SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	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 awarded with the Certificate/Diploma in Agriculture which the students may use for immediate employment.

Approved by:

 ROMYON M. PERALDO, Ph.D.
 University President

Noted by:

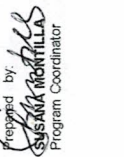
 ROLANDO PALUGA, Ph.D.
 VPAA

Verified by:

 ELIZABETH P. PARAC, Ph.D.
 Dean

Verified by:

 JOHN MARK S. RAMIREZ
 Chairperson

Prepared by:

 SUSANA MONTILLA
 Program Coordinator

FIRST SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	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	
	SOILS 101	Principles of Geology	3	2	1	5	2	3	SOILS 1	
	SOILS 102	Mineral Nutrition of Plants	3	2	1	5	2	3	SOILS 2, CHEM 46	
	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				
			23	17	6	36.5	17	18		

THIRD YEAR

SECOND SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	SOILS 103	Soil Physics	3	2	1	5	2	3	SOILS 1	
	SOILS 104	Soil Microbiology	3	2	1	5	2	3	SOILS 1, CHEM 46	
	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				
			20	17	3	27.5	17	9		

SUMMER

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

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

FOURTH YEAR

FIRST SEMESTER			Units			Contact Hrs.			Pre-	Co-
COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)	
SOILS 105	Soil Chemistry	3	2	1	5	2	3	SOILS 1, 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					
			20	16	5	31.5	16	15		

FOURTH YEAR

SECOND SEMESTER			Units			Contact Hrs.			Pre-	Co-
Grade	COURSE CODE	DESCRIPTIVE TITLE	Total	Lec.	Lab.	Total	Lec.	Lab.	requisite (s)	requisite (s)
	AGRI 6	Introduction to Organic Agriculture	3	2	1	5	2	3	AGRI 1	
	SOILS 106	Pedology	3	2	1	5	2	3	SOILS 1, SOILS 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	245	3	240		

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.

Approved by:
ANTHONY M. PENASCO, Ph.D.
University President

Noted by:
ROSALEON P. PALIJA, Ph.D.
VP/CA

Verified by:
ELIZABETH P. PARAC, Ph.D.
Dean

Verified by:
JOHN MARK S. RAMADAN
Chairperson

Prepared by:
SUSANA MONTILLA
Program Coordinator