

# Bachelor of Agricultural Technology/Diploma of Agricultural Technology

## Program Description

The Program aims to equip students to become technicians and professionals with abilities needed to make practical applications of theoretical knowledge and develop entry-level occupational proficiency in clusters of jobs in agriculture.

Majors in: Animal Technology and Crop Technology

## OBJECTIVES

The graduates in DAT-BAT:

1. practice agriculture-related small, medium, and large scale enterprises;
2. demonstrate competencies in technical agriculture; and
3. advocate and practice environment and agriculture related planning, risk management, and community-based development initiatives.

## Admission Requirements Across Campuses:

For Incoming Freshmen:

1. Take the examinations at the Guidance Office. Pay the testing fee of P150.00 at the Cashier's Office before taking the examination.
2. Submit the documents such as:
  - a. Original Form 138 or report card
  - b. 2 pcs. 2x2 ID picture
  - c. Certificate of Good Moral Character
  - d. Photocopy of NSO-issued Birth Certificate.

For Transferees

1. Must have passed 75% of all subjects taken at the last school attended.
2. Take the entrance test at the Guidance Office, and Psychological Test if suggested by the Guidance Office. Testing fee is P150.00.
3. Submit the following:
  - a. Certificate of Transfer Credential
  - b. 2 pcs. 2x2 ID Picture
  - c. Certificate of Good Moral Character
  - d. Photocopy of NSO-issued Birth Certificate.
4. Freshmen and transferees must undergo medical examination at the University Clinic.

## Faculty (Bachelor of Agricultural Technology)

DR. TERESITA ALLIG

DR. ELPIDION BASILIO JR.

DR. MARISSA BULONG

DR. AURELIA DIMOG

MS. JOSEFA DULINAYAN

MR. DEXTER GULLON

DR. JUDITO LATAP SR.

MS. MARAH JOY NANGLEGAN

MR. RENE PINKIHAN

MS. LINDA TAGTAGON

MS. PERLA EPIE

MR. EDIMER PADUYAO

MS. JUDELYN OCBUS

DR. DESIREE BALLITOC

ENGR. JOSE BINWAG

MR. WARREN PAUL BUMIDANG

MR. NATHANIEL DIMOG

MS. JULIE GUAY

DR. WEDY LANNAON

DR. DINAH CORAZON LICYAYO

MS. EMILIA ORDILLO

MS. VERONICA ROBLES

MS. CHITA VILLENA

MR. NEMIE REX GUERZON

MS. RHYNZEL MAE BAHIWAG

The Teaching methods used are classroom discussions, Laboratory and Field Studies.



# CURRICULUM

Republic of the Philippines  
IFUGAO STATE UNIVERSITY  
Nayon, Lamut, Ifugao

## DIPLOMA IN AGRICULTURAL TECHNOLOGY

BOR RESOLUTION NO. 96, s 2011

Effective School Year 2011-2012

FIRST YEAR - FIRST SEMESTER		
COURSE CODE	DESCRIPTIVE TTILE	TOTAL UNITS
ENGL 11	Study & Thinking Skills	3
FIL 11	Komunikasyon sa Akademikong Filipino	3
MATH 11-C	Mathematics for Agriculture	3
NAT SCI 11	Biological Science	3
SOC SCI 11	General Psychology	3
CROP TECH 11	Field Crops & Cereal Prod'n Management	3
AN TECH 11-A	Poultry Production	3
SOC OR 11	Personality Development	3
P E 11	Physical Fitness	2
NSTP 11	CWTS/ROTC	3
<b>TOTAL</b>		<b>29</b>

FIRST YEAR - SECOND SEMESTER		
COURSE CODE	DESCRIPTIVE TTILE	TOTAL UNITS
ENGL 12	Writing in the Discipline	3
AN TECH 12-A	Swine Production Management	3
NAT SCI 12-E	Farm Physics	3
SOIL TECH 11	Soil Conservation & Management	3
AG MECH 11	Agricultural Mechanics 1	3
COMP 11A	Computer Education	3
CROP TECH 12-A	Horticultural Crop Production Management	3
PE 12	Rhythmic Activities	2
NSTP 12	CWTS/ROTC	3
<b>TOTAL</b>		<b>26</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

SECOND YEAR - FIRST SEMESTER		
COURSE CODE	DESCRIPTIVE TTILE	TOTAL UNITS
PH TECH 11	Post Harvest Technology	3

AN TECH 13	Ruminant Production Management	3
ENTREP 11	Farm Business Management	3
AN TECH 14-A	Meat Technology	3
PH TECH 12-A	Food Processing of Animal and Sea Food Products	3
PH TECH 13-A	Food Processing of Agricultural Products	3
PE 13-C	Individual & Dual Sports/Games	2
	<b>TOTAL</b>	<b>20</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>SECOND YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
PRACTICUM A	Practicum in Agriculture	13
PH TECH 14-A	Quality Evaluation & Standardization	3
PE 14	Group Games & Team Sports	2
	<b>TOTAL</b>	<b>18</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>TOTAL UNITS</b>	<b>93</b>
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## **BACHELOR OF AGRICULTURAL TECHNOLOGY**

### **ANIMAL TECHNOLOGY**

BOR RESOLUTION NO. 96, s 2011

Effective School Year 2011-2012

<b>FIRST YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENGL 11	Study & Thinking Skills	3
FIL 11	Komunikasyon sa Akademikong Filipino	3
MATH 11-C	Mathematics for Agriculture	3
NAT SCI 11	Biological Science	3
SOC SCI 11	General Psychology	3
CROP TECH 11	Field Crops & Cereal Prod'n Management	3
AN TECH 11-A	Poultry Production	3
SOC OR 11	Personality Development	3
P E 11	Physical Fitness	2
NSTP 11	CWTS/ROTC	3
	<b>TOTAL</b>	<b>29</b>

<b>FIRST YEAR - SECOND SEMESTER</b>
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<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENGL 12	Writing in the Discipline	3
AN TECH 12-A	Swine Production Management	3
NAT SCI 12-E	Farm Physics	3
SOIL TECH 11	Soil Conservation & Management	3
AG MECH 11	Agricultural Mechanics 1	3
COMP 11A	Computer Education	3
CROP TECH 12-A	Horticultural Crop Production Management	3
PE 12	Rhythmic Activities	2
NSTP 12	CWTS/ROTC	3
<b>TOTAL</b>		<b>26</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>SECOND YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
PH TECH 11	Post Harvest Technology	3
AN TECH 13	Ruminant Production Management	3
ENTREP 11	Farm Business Management	3
AN TECH 14-A	Meat Technology	3
PH TECH 12-A	Food Processing of Animal and Sea Food Products	3
PH TECH 13-A	Food Processing of Agricultural Products	3
PE 13-C	Individual & Dual Sports/Games	2
<b>TOTAL</b>		<b>20</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>SECOND YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
PRACTICUM A	Practicum in Agriculture	13
PH TECH 14-A	Quality Evaluation & Standardization	3
PE 14	Group Games & Team Sports	2
<b>TOTAL</b>		<b>18</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>THIRD YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
PI 11	Rizal and Philippine Development	3
FIL 12	Pagbasa at Pagsulat Tungo sa Pananaliksik	3

TECH AG 11	Philippine and Asian Agriculture	3
AG ENG 11	Irrigation and Drainage	3
AG MECH 12	Agricultural Mechanics II	3
PH 15	Postharvest Handling of Perishable Crops	3
PH 16	Postharvest Handling of Durable and Plantation Crops	3
<b>TOTAL</b>		<b>21</b>

<b>THIRD YEAR - SECOND SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENGL 13	Speech Communication	3
SOC SCI 12	Society, Culture and Family Planning	3
ENTREP 12	Agricultural Marketing	3
CROP TECH 13	Plant Propagation and Nursery Management	3
AN TECH 15-A	Animal Nutrition	3
AN TECH 16-A	Animal Breeding Methods	3
AN TECH 17-B	Animal Health and Sanitation	3
<b>TOTAL</b>		<b>21</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>FOURTH YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENGL 14	Technical Writing	3
ENTREP 13	Agricultural Business Finance	3
TECH AG 12	Crop & Animal Improvement	3
ANT TECH 18	Dairy Production and Processing	3
AN TECH 19	Poultry Hatchery & Management	6
<b>TOTAL</b>		<b>18</b>

<b>FOURTH YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
OIP/OJT	Occupational Internship Training/ On-the- Job Training	18
<b>TOTAL</b>		<b>18</b>

**\*After completing all the requirements, the students are issued Diploma in Bachelor of Agricultural Technology by IFSU**

<b>TOTAL UNITS</b>	<b>171</b>
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**BACHELOR OF AGRICULTURAL TECHNOLOGY****CROP TECHNOLOGY**

BOR RESOLUTION NO. 96, s 2011

Effective School Year 2011-2012

<b>FIRST YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENGL 11	Study & Thinking Skills	3
FIL 11	Komunikasyon sa Akademikong Filipino	3
MATH 11-C	Mathematics for Agriculture	3
NAT SCI 11	Biological Science	3
SOC SCI 11	General Psychology	3
CROP TECH 11	Field Crops & Cereal Prod'n Management	3
AN TECH 11-A	Poultry Production	3
SOC OR 11	Personality Development	3
P E 11	Physical Fitness	2
NSTP 11	CWTS/ROTC	3
	<b>TOTAL</b>	<b>29</b>

<b>FIRST YEAR - SECOND SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENGL 12	Writing in the Discipline	3
AN TECH 12-A	Swine Production Management	3
NAT SCI 12-E	Farm Physics	3
SOIL TECH 11	Soil Conservation & Management	3
AG MECH 11	Agricultural Mechanics 1	3
COMP 11A	Computer Education	3
CROP TECH 12-A	Horticultural Crop Production Management	3
PE 12	Rhythmic Activities	2
NSTP 12	CWTS/ROTC	3
	<b>TOTAL</b>	<b>26</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>SECOND YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
PH TECH 11	Post Harvest Technology	3
AN TECH 13	Ruminant Production Management	3
ENTREP 11	Farm Business Management	3
AN TECH 14-A	Meat Technology	3
PH TECH 12-A	Food Processing of Animal and Sea Food Products	3
PH TECH 13-A	Food Processing of Agricultural Products	3
PE 13-C	Individual & Dual Sports/Games	2

<b>TOTAL</b>	<b>20</b>
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<b>SECOND YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>TOTAL UNITS</b>
PRACTICUM A	Practicum in Agriculture	13
PH TECH 14-A	Quality Evaluation & Standardization	3
PE 14	Group Games & Team Sports	2
	<b>TOTAL</b>	<b>18</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>THIRD YEAR - FIRST SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>TOTAL UNITS</b>
PI 11	Rizal and Philippine Development	3
FIL 12	Pagbasa at Pagsulat Tungo sa Pananaliksik	3
TECH AG 11	Philippine and Asian Agriculture	3
AG ENG 11	Irrigation and Drainage	3
AG MECH 12	Agricultural Mechanics II	3
PH 15	Postharvest Handling of Perishable Crops	3
PH 16	Postharvest Handling of Durable and Plantation Crops	3
	<b>TOTAL</b>	<b>21</b>

<b>THIRD YEAR - SECOND SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>TOTAL UNITS</b>
ENGL 13	Speech Communication	3
SOC SCI 12	Society, Culture and Family Planning	3
ENTREP 12	Agricultural Marketing	3
CROP TECH 13	Plant Propagation and Nursery Management	3
CROP TECH 14-B	Farming and Cropping System	3
CROP TECH 15-A	Integrated Pest Management	3
CROP TECH 16-A	Seed Production Technology	3
	<b>TOTAL</b>	<b>21</b>

**\*At this point, students are given Certificates of Completion which the students will use for TESDA skill certification.**

<b>FOURTH YEAR - FIRST SEMESTER</b>
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<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
ENG 14	Technical Writing	3
ENTREP 13	Agricultural Business Finance	3
TECH AG 12	Crop & Animal Improvement	3
CROP TECH 17-A	Plant Pest and Their Control	3
CROP TECH 18	IPM Development, Extension and Implementation	6
	<b>TOTAL</b>	<b>18</b>

<b>FOURTH YEAR - SECOND SEMESTER</b>		
<b>COURSE CODE</b>	<b>DESCRIPTIVE TTILE</b>	<b>TOTAL UNITS</b>
OIP/OJT	Occupational Internship Training/ On-the- Job Training	18
	<b>TOTAL</b>	<b>18</b>

**\*After completing all the requirements, the students are issued Diploma in Bachelor of Agricultural Technology by IFSU**

<b>TOTAL UNITS</b>	<b>171</b>
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# CURRICULUM

Republic of the Philippines  
**IFUGAO STATE UNIVERSITY**  
 Nayon, Lamut, Ifugao

## BACHELOR OF SCIENCE IN AGRICULTURE

*Major in ANIMAL SCIENCE*

As per CMO 14, s. 2008

FIRST YEAR - FIRST SEMESTER			
COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	PRE-REQUISITE
ENGL 11	Study & Thinking Skills	3	
MATH 11-A	College Algebra	3	
AGRIC 11	Introduction to Agriculture	1	
IT 11A	Basic Computer Concept and Application	3	
NAT SCI 10	General Biology	4	
NAT SCI 13-A	General Chemistry	5	
PE 11A	Physical Fitness and Self- Testing Activities	2	
NSTP 11	National Service Training Program	3	
<b>TOTAL</b>		<b>24</b>	

FIRST YEAR - SECOND SEMESTER			
COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	PRE-REQUISITE
SOIL SCI 11	Principles of Soil Science	3	NAT SCI 12
SOC SCI-11-C	General Psychology with Drug Abuse Prevention	3	
ENGL 12	Writing in the Discipline	3	ENG 11
MATH 12-C	Plane Trigonometry	3	MATH 11
AN SCI 11	Introduction to Animal Science	3	NAT SCI 11
CROP SCI 11	Principles of Crop Production	3	NAT SCI 11
AGRIC 25	World Agriculture	1	
PE 12-A	Individual and Dual Sports	2	
NSTP 12	National Service Training Program	3	NSTP 11
<b>TOTAL</b>		<b>24</b>	

SUMMER			
COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	PRE-REQUISITE
PRACTICUM-A	Skills Development (240 Hrs.)	6	
<b>TOTAL</b>		<b>6</b>	

SECOND YEAR - FIRST SEMESTER			
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COURSE CODE	DESCRIPTIVE TTILE	TOTAL UNITS	PRE-REQUISITE
SOC SCI 15A	Philippine History: Its Roots and Development	3	
HUM 11-A	Introduction to Humanities	3	
CROP PROT 11	Principles of Crop Protection	3	NAT SCI 11
AN SCI 12-C	Introduction to Livestock and Poultry Production	3	ANSCC 11
CROP SCI 12-D	Practices of Crop Production	3	CROP SCI 11
AG EXT 11-A	Agricultural Extension and Communication	3	
AGRIC 100	Post Harvest Handling and Seed Technology	3	CROP SCI 11
PE 13-A	Rhythmic Activities	2	
	<b>TOTAL</b>	<b>23</b>	

SECOND YEAR - SECOND SEMESTER			
COURSE CODE	DESCRIPTIVE TTILE	TOTAL UNITS	PRE-REQUISITE
SOC SCI 13-E	Basic Economics with Taxation and Agrarian Reform	3	
CROP PROT 12-B	Approaches and Practices in Pest Management	3	CROP PROT 11
AG ECON 11-B	Agricultural Economics & Marketing	3	
AGRIC 135	Slaughter of Animals and Processing of their Products	3	ANSCI 12
AGRIC 12	Introduction to Ecological Agriculture	3	NAT SCI 11
ENTREP 11-C	Introduction to Enterprise and Entrepreneurship	3	
PHYS 11	General Physics	3	
PE 14-A	Team Sports	2	
AGRIC 27	Fisheries	3	
	<b>TOTAL</b>	<b>26</b>	

**All students who satisfactorily completed the first two (2) years shall be awarded the Certificate of Agricultural Technology (CAT)**

THIRD YEAR - FIRST SEMESTER			
COURSE CODE	DESCRIPTIVE TTILE	TOTAL UNITS	PRE-REQUISITE
LIT 11	Philippine Literature	3	
AGRIC 15	Methods of Agricultural Research	3	ENG 12
SOIL SCI 12	Soil Fertility & Management	3	SOIL SCI 11
AGRIC 110	Beneficial Arthropods and Microorganisms	3	CROP PROT 12
STAT 11-C	Probability and Statistics	3	
FIL 11	Komunikasyon sa Akademikong Filipino	3	
PHILO 11-C	Philosophy of Man with Logic	3	
AN SCI 140	Poultry Production	3	
	<b>TOTAL</b>	<b>24</b>	

THIRD YEAR - SECOND SEMESTER			
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<b>COURSE CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>TOTAL UNITS</b>	<b>PRE-REQUISITE</b>
FIL 12	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	
SOC SCI 12	Society, Culture and Family Planning	3	
AGRIC 13	Genetics	3	
AGRIC 105-A	Principles and Practices of Plant Breeding, Propagation and Nursery Mgmt.	3	
AGRIC 120	General Physiology and Toxicology	3	
AGRIC 130	Animal Nutrition and Feeding	3	
AGRIC 140	Soil Survey, Classification and Land Use	3	
AN SCI 150	Swine and Rabbit Production	3	
<b>TOTAL</b>		<b>24</b>	

<b>FOURTH YEAR - FIRST SEMESTER</b>			
<b>COURSE CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>TOTAL UNITS</b>	<b>PRE-REQUISITE</b>
AGRIC 200A	Special topics related to thesis or practicum/field practice	3	
SEMINAR A	Undergraduate Seminar 1	1	
SEMINAR B	Undergraduate Seminar 2	1	
AGRIC 199	Colloquim	1	
AG ENG 11-A	Fundamentals of Agricultural Engineering	3	
AGRIC 14	Biotechnology and Society	3	
AGRIC 150	Management of Extension Programs	3	
AGRIC 170	Agricultural Policy and Development	3	
AGRIC 160	Basics of Project Study and Development	3	
AN SCI 180	Ruminant Production	3	
AN SCI 190	Genetics, Breeding and Reproduction	3	
<b>TOTAL</b>		<b>27</b>	

<b>FOURTH YEAR - SECOND SEMESTER</b>			
<b>COURSE CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>TOTAL UNITS</b>	<b>PRE-REQUISITE</b>
AGRIC 16	Indigenous Knowledge in Agriculture	3	
PI 11-A	Life, Works and Writings of Rizal	3	
AGRIC 200B	Thesis or Practicum/Field Practice	3	
AGRIC 180	Agribusiness Commodity System	3	
AGRIC 185	Financial Management for Agri-based Enterprise	3	
<b>TOTAL</b>		<b>15</b>	

<b>TOTAL UNITS</b>	193
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