

Curriculum

(For students who are enrolled in Academic Year 2021 onward)

The number of credits required for the program: no less than 128 credits

Items	Credits
1. General Education	30
2. Core Courses	92
- <i>Compulsory Core Subjects</i>	74
- <i>Elective Core Subjects</i>	18
3. Free Elective Subjects	6
Total	<u>128</u>

1. General Education	30	Credits
Wellness	3	Credits
Entrepreneurship	6	Credits
Thai Citizen and Global Citizen	5	Credits
Language and Communication	13	Credits
Aesthetics	3	Credits
2. Core Courses, Agricultural Science	no less than 92	Credits
<i>Compulsory Core Subjects</i>	74	<i>Credits</i>
01001241 Perspective in Agricultural Extension		3(3-0-6)
01002111 Animal Science and Technology		3(3-0-6)
01002302 Animal Resources and Management		3(3-0-6)
01004211 Insect Science		3(2-2-5)
01005221 Tropical Agricultural Machinery		3(2-3-6)
01005449 Tropical Greenhouse Management		3(3-0-9)
01008211 Introductory Plant Pathology		3(2-3-6)
01009112 Soil Science		3(2-3-6)
01013111 Introduction to Tropical Agriculture		3(3-0-9)
01013221 Tropical Entomology		3(2-3-11)
01013231 Principles of Tropical Agronomy		3(3-0-9)
01013232 Introduction to Tropical Horticulture		3(2-3-11)
01013299 General Practicum		2
01013331 Tropical Field Crop Production for Food, Feed and Fuel		3(3-0-6)
01013341 Tropical Soil Resources		3(3-0-9)
01013399 Specific Practicum		3
01013497 Seminar		1
01401114 General Botany		3(2-3-6)
01403111 General Chemistry		4(4-0-8)
01403112 Laboratory in General Chemistry		1(0-3-2)
01422111 Principles of Statistics I		3(3-0-6)
01424111 Principles of Biology		3(3-0-6)
01424112 Laboratory in Biology		1(0-3-2)
01132111 Principles of Management		3(3-0-6)
01418223 Data Science using Application Programs		3(2-2-5)
01307421 Principles of Agroforestry and Management		3(3-0-6)
01299201 Aquatic Animal Science and Technology		2(2-0-4)

Elective Core Subjects**no less than****18****Credits**

In addition, students have to select their tracks of study by completing one of the following two groups no less than 12 credits or select more subject (01013395 01013396 01013490 01013496 01013498 01013499) not less than 6 credits.

Group of Sustainable Agriculture Subjects

01001342 Innovative Agricultural Community	3(3-0-6)
01001345 Agricultural Extension Comparison	3(3-0-6)
01003421 Agroclimatology	3(3-0-6)
01005334 Irrigation Systems and Water Management	3(3-0-6)
01002371 Introduction to Animal Science and Biotech	3(3-0-6)
01009472 Principles Soil and Water Conservation	3(3-0-6)
01007451 Physiology of Horticultural Crops	3(2-2-5)

Group of Agribusiness Subjects

01001346 Community Economy for Agricultural Extension	3(3-0-6)
01111111 Principles of Microeconomics	3(3-0-6)
01111215 Agricultural and Resource Economics	3(3-0-6)
<i>Prerequisite 01111111</i>	
01111219 Fundamental of Entrepreneur Economics	3(3-0-6)
<i>Prerequisite 01111111</i>	
01130171 Financial Accounting	3(3-0-6)
01134111 Principles of Marketing	3(3-0-6)

or select

01013395 Study Abroad	1-6
01013396 Body Knowledge from Overseas Studies	1-15
01013490 Cooperative Education	6
01013496 Selected Topic in Tropical Agriculture	1-3
01013498 Special Problems	1-3
01013499 Special Training	3

3. Free Elective Subjects	6	Credits
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Total	<u>128</u>	Credits
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