

Bachelor of Science in Tropical Agriculture (International Program)

Faculty of Agriculture, Kasetsart University

2023



BSTA

B.S. Tropical Agriculture
(International Program)

General Information

- ▶ A four-year program, the only international B.S. degree program in Agriculture in Thailand
- ▶ Major teaching team is KU members and some visiting professors from other universities/abroad
- ▶ Our Website: <https://bsta.agr.ku.ac.th/>
- ▶ Facebook: <https://www.facebook.com/bstaip>

Total Number of Current Full-time Students

Academic year	Thai	Foreign	Totals
2020 (4 th year)	7	0	7
2021 (3 rd year)	1	0	1
2022 (2 nd year)	6	1	7
2023 (1 st year)	8	6	14
Totals	20	9	29

Total Number of Short-Termed Students from Foreign Universities

year	Number of exchange students	Host University
2023	16	<ul style="list-style-type: none"> - Hiroshima University (2) - Ibaraki University (5) - Tokyo University of Agriculture and Technology (3) - University of Miyazaki (3) - Institut Sup' Biotech (2) - Royal University of Agriculture (1)
2022	23	<ul style="list-style-type: none"> - Hiroshima University (8) - Ibaraki University (2) - Tokyo University of Agriculture and Technology (6) - University of Miyazaki (3) - Mendel University in Brn (3) - University of the Philippines Los Banos (1)

Curriculum Structure

▶ 1. General Education	30	Credits
▶ 2. Core Courses no less than	92	Credits
- Compulsory Core Subjects	74	Credits
- Elective Core Subjects	18	Credits
• Sustainable Agriculture Group		
• Agri-Business Group		
▶ 3. Free Elective Courses	6	Credits
▶ Total	128	Credits

Study Plan

For Students Who are Enrolled in Academic Year 2021 Onward

First year

First Semester		
Course Code	Course Title	Credits
	August-December	
01013111	Introduction to Tropical Agriculture	3(3-0-9)
01175xxx	Physical Education Activities	1(0-2-1)
01401114	General Botany	3(2-3-6)
	General Education Group (Language and Communication)	3(- -)
	General Education Group (Entrepreneurship)	3(- -)
	General Education Group (Thai Citizen and Global Citizen)	<u>2(- -)</u>
	Total	<u>15(- -)</u>
Second Semester		
	January-May	
01002111	Animal Science and Technology	3(3-0-6)
01013232	Introduction to Tropical Horticulture	3(2-3-11)
01424111	Principles of Biology	3(3-0-6)
01424112	Laboratory in Biology	1(0-3-2)
	General Education Group (Entrepreneurship)	3(- -)
	General Education Group (Language and Communication)	3(- -)
	General Education Group (Wellness)	<u>2(- -)</u>
	Total	<u>18(- -)</u>

Second Year

First Semester		
Course Code	Course Title	Credits
01008211	Introductory Plant Pathology	3(2-3-6)
01009112	Soil Science	3(2-3-6)
01013231	Principles of Tropical Agronomy	3(3-0-9)
01013299	General Practicum	2
01403111	General Chemistry	4(4-0-8)
01403112	Laboratory in General Chemistry	1(0-3-2)
	General Education Group (Language and Communication)	3(3-0-6)
	Free Elective Subject	3(- -)
	Total	22(- -)
Second Semester		
01004211	Insect Science *Pre-requisite: 01424111 Principles of Biology	3(2-2-5)
01005221	Tropical Agricultural Machinery	3(2-3-6)
01013341	Tropical Soil Resources	3(3-0-9)
01132111	Principles of Management	3(3-0-6)
01422111	Principles of Statistics I	3(3-0-6)
	General Education Group (Language and Communication)	3(3-0-6)
	Total	(- -)81

Third Year

First Semester		
Course Code	Course Title	Credits
01001241	Perspective in Agricultural Extension	3(3-0-6)
01002302	Animal Resources and Management	3(3-0-6)
01005449	Tropical Greenhouse Management	3(3-0-9)
01013221	Tropical Entomology *Pre-requisite: 01004211 Insect Science	3(2-3-11)
01013399	Specific Practicum *Pre-requisite: 01013299 General Practicum	3
	Elective Core Subject Choose: Sustainable Agriculture Group or Agri-Business Group	3(- -)
	Total	<u>18(- -)</u>

August-December

Second Semester		
01013331	Tropical Field Crop Production for Food, Feed and Fuel	3(3-0-6)
01299201	Aquatic Animal Science and Technology	2(2-0-4)
01418223	Data Science using Application Programs	3(2-2-5)
	General Education Group (Aesthetics)	3(- -)
	General Education Group (Language and Communication)	3(- -)
	General Education Group (Thai Citizen and Global Citizen)	<u>3(- -)</u>
	Elective Core Subjects Choose: Sustainable Agriculture Group or Agri-Business Group	3(- -)
	Total	<u>18(- -)</u>

January-May

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Fourth year

First Semester		
Course Code	Course Title	Credits
01013497	Seminar August-December	1
01307421	Principles of Agroforestry and Management	3
	Elective Core Subjects Choose: Sustainable Agriculture Group or Agri-Business Group	<u>6</u>
	Total	<u>10</u>
Second Semester		
	Elective Core Subjects Choose: Sustainable Agriculture Group or Agri-Business Group	6
	Free Elective Subject January-May	3
	Total	<u>9</u>

Foreign Institutes for Exchange/Training Program (BSTA-KU MOU)

Japan	
Okayama University	Kyoto University
Akita Prefectural University	Kagoshima University
Mie University	Hiroshima University
University of Tsukuba	Ibaraki University
Tokyo University of Agriculture and Technology	Nagoya University
Chiba University	Kyoto University
Miyazaki University	

Universities	Country
Universitas Sebelas Maret	Indonesia
Sriwijaya University	Indonesia
Borgor Agricultural University	Indonesia
Universitas Gadjah Mada	Indonesia
Universiti Putra Malaysia	Malaysia
Utah State University	USA
VetAgro Sup Enita Clermont Institute	France
Mendel University	Czech
University of Goettingen	Germany
University of Porto	Portugal
Uppsala University	Sweden
Royal University of Agriculture	Cambodia
National Pingtung University - 屏東大學	Taiwan
HAS University of Applied Sciences	Netherlands

Scholarship Training in Taiwan



Hiroshima University,
Japan



**Training at FOA KU
cannabis**

RECOFTS, Nan Province

Aggie Freshy Tour 2023



BSTA Bonding Trip 2023

