

## Course Outline

Institut Pertanian Bogor - ACICIS' Agriculture Semester Program

<b>Unit name</b>	<b>Indonesian Ethnobotany (BIO373)</b>
<b>Department/ Faculty</b>	Biology Faculty of Mathematics and Natural Science
<b>Course credit (SKS)</b>	3 (2-3)
<b>Offered in</b>	Every semester
<b>Pre-requisite</b>	-
<b>Language</b>	Indonesian    English <input checked="" type="checkbox"/> Both
<b>Course description</b> The course is intended to discuss and explore Indonesian ethnobotany, which includes ethnomedicine, ethnopharmacology, ethnoecology, traditional agriculture, traditional food and spice, plant for spirit and art, as well as plant utilization and conservation. In the first four weeks, students will be introduced to basic knowledge on methods in ethnobotany, plant diversity, plant structure and histochemistry, plant secondary metabolites, and Indonesian cultural diversity. The course will be enriched with laboratory works and field trips to the Indonesian Miniature Garden, Ethnic Village, Kampoeng Jamu, Holistic Hospital, and Saung Ujo Traditional Music Show.	
<b>Learning outcomes</b> After finishing the course, students are expected to know and understand how plants are utilized by many different Indonesian tribes in their daily life, such as plants for food, health, medicine, art, spirit, agriculture and agroforestry.	
<b>Contact Hours</b> 2 x 50 minutes for lecture (2 credits) and 3 x 50 minutes for lab work (1 credit) per week	

*Course topics (subject to change)*

<b>Week</b>	<b>Topics</b>
1	Introduction: Definition and Scope Methods in Ethnobotany
2	Plant Diversity
3	Plant Structure and Histochemistry
4	Plant Secondary Metabolite
5	Indonesian Cultural Diversity
6	Jamu (Indonesian Traditional Medicine) and Local Wisdom
7	Ethnomedicine
8	Ethnopharmacology
9	Plant of Mind, Spirit, and Art
10	Traditional Agriculture
11	Traditional Food and Spice
12	Ethnoecology
13	Agroforestry
14	Plant Utilization and Conservation