

COURSE LIST FOR INBOUND AIMS STUDENTS 2019-2020**AGRICULTURE FACULTY OF SRIWIJAYA UNIVERSITY**

CODE	COURSE NAME	CREDIT	DESCRIPTION
ABI 305317	Multicommodity and agroecosystem of agribusiness * - Prof. Dr. Andy Mulyana, M.Sc, (08127118488) - Dr. Ir. Najib Asmani, M.Si. - Dr. Ir. Mirza Antoni, M.Si. Monday, 8.00-9.40 VIP dean building 3 rd floor	4 (2-2)	identification, analysis and problem solving related to the socio-economic conditions of tidal, swamp and highland areas in the southern sumatra region identification, analysis and problem solving related to the socio-economic conditions of tidal, swamp and highland areas in the Southern Sumatra region

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CODE	COURSE NAME	CREDIT	DESCRIPTION
AB1 207317	Natural Resource Economics ** - Prof. Dr. Ir. Fachrurrozie Sjarkowi, M.Sc. - Ir. M. Yazid, M.Sc., Ph.D. (08153800550) - Dr. Ir. Mirza Antoni, M.Si. Tuesday, 9.50-11.30 VIP dean building 3 rd floor	2 (2-0)	economic resource constraints, natural resource dimensions, signs of market price, signs of population density, signs of government authority, anticipation of market dignity, arrangement of alertness signs, co-compromise tools, relative scarcity concepts, demands for dynamic calculations, full value and commercialization, resource allocation natural, functioning ecosystem management

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PTH 307117	Functional food and food phytochemistry*** - Prof. Ir. Filli Pratama., M.Sc.(Hons)., Ph.D. (08153818913) - Dr. rer. nat. Ir. Agus Wijaya, M.Si. Tuesday, 8.00-9.40 VIPdean building3 rd floor	3(2-1)	Introduction to functional food and food phytochemistry and their relationship with human life, including: relationship among food, nutrition, and health; food phytochemistry (definition, source and processing) and its bioavailability evaluation; classification and types of functional food; nutritional aspects (relationship between dietary fiber and health, food product modification, antioxidants and their effects on health); health aspects and efficacy; goverment regulation on functional food.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PTH 410317	<p>South Sumatera traditional food processing technology**</p> <ul style="list-style-type: none"> - Prof. Dr. Ir. Rindit Pambayun, M.P.(0812227048804) - Dr. Ir. Anny Yanuriati, M.Appl.Sc. <p>Friday, 8-9.40 VIP dean building 3rd floor</p>	3(2-1)	<p>The course covers characteristics, the physical and chemical changes during some South Sumatra traditional food processing, including the fermentation using indigeneous microbia with local substrate source, such as rusif, tempoyak, terasi, bekasam and tapai; the gelling properties of some restructured products like laksan, empek-empek, tekwan, kerupuk dan kemplang; and the browning in some cakes, such as maksuba, bolu 8 jam and dodol. This course also learns about the condiment, packaging, hygiene and sanitation and the innovation in some South Sumatra traditional foods.</p>

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PIH 509317	Halal Assurance System ** - Dr. Ir. Tri Wardhani Widowati, M.P. (08127120159) - Ir. Nura Malahayati, M.Sc., Ph.D. MONDAY, 9.50-11.30 VIP dean building 3 rd floor	3(2-1)	This course covers the concept of halal and haram in Islam, sources of halal and haram food, slaughtering methods, halal food processing concept from farm to plate, halal food ingredients and additives. The course also covers regulations and legislation related to halal food, analysis, halal standard, halal certification and logo, relationship between halal and quality systems and halal product incentives. Current issues in global halal food industries and market will also be discussed.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
AET 24216	Silviculture and Agroforestry* <ul style="list-style-type: none">- Dr. Ir. Erizal Sodikin (085788039030)- Dr. Ir. M. Umar Harun, M.S.- Dr. Ir. Yakup, M.S. SENIN, 9.50-11.40 2 ND FLOOR EXAMINATION ROOM AT AGR. DEPT	3 (2-1)	This course covers plantation business plan and management, history, ecology, cultivation techniques for acacia, jelutung, teak and mangrove; cultivation for forest plants with food crops, horticulture and plantations; and application of forestry programs for rehabilitation in wet and dry land areas.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
AET 36216	Landscape Ecology** - Prof. Dr. Ir. H. Benyamin Lakitan, M.Sc. (081298115560) - Dr. Ir. Lidwina Ninik Sulistianingsih, M.Si. Monday, 8.00-9.40 2 nd floor examination room at Agr. Dept	2 (2-0)	The students are able to comprehend basic concepts of landscape ecology emphasizing landscape structures and functions, and also landscape dynamics including its changes and heterogeneity.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PAG 43316	Hydroponic* - Dr. Ir. Munandar, M.Agr. (081632232712) - Dr. Irmawati, S.P., M.Sc. - Dr. Susilawati, S.P., M.Si. Tuesday, 8.00-9.40 2 nd floor examination room at Agr. Dept	3(2-1)	This course covers the historical background, definition, and development of hydroponics technology in Indonesia; hydroponics system in both large and small scale; materials and equipments used in hydroponics system; steps for nutrition solution preparation; factors affecting plants' growth and development in hydroponics system; working steps in hydroponics system.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PAG 33215	<p>Spice, Medicinal and industrial crop production** Dr. Ir. M. Umar Harun, M.S. (08127870243) Dr. Ir. Merry Hasmeda, M.S. Dr. Ir. Susilawati, M.Si.</p> <p>Tuesday. 9.50-11.30 2nd floor examination room at Agr. Dept</p>	3(2-1)	<p>Introduction: it is an applicable lecture facilitating the students to understand the definition of <i>jamu</i>, medicine, and phytopharmacy with its logo and marking; the classification and utilization of spice, medicinal and industrial crop; historical background, taxonomy, morphology, growing conditions, cultivation techniques, post harvest management and farming management analysis of several spice, medicinal and industrial crop commodities such as turmeric, clove, <i>Aloe vera</i>, <i>Phaleria macrocarpa</i> (<i>mahkota dewa</i>), curcuma, kidney tea plants (<i>kumis kucing</i>), ginger, lemongrass, cinchona tree (<i>kina</i>), and uncaria.</p>

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CODE	COURSE NAME	CREDIT	DESCRIPTION
FTN 15115	Principle of Soil Science** - Prof. Dr. Ir. Dedik Budianta, M.P. (08127859781) - Prof. Dr. Ir. Eddi Ermanto, M.Sc. - Dr. Ir. Siti Masreah Bernas, M.Sc.	3 (2-1)	Basic understanding of soil in life and its important values for agriculture; The process of forming and developing land; Basic soil properties (physics and chemistry); Basics of soil fertility; The main lands in Indonesia; Basics of land management.
	Wednesday, 9.50-11.30 VIP dean building 3 rd floor		

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PTN 24115	Soil and Water Conservation*** - Dr. Ir. Siti Masreah Bernas, M.Sc. (0812791453420) - Dr. Momon Sodik Imanudin, S.P., M.Sc. Wednesday, 8.00-9.40 2nd floor examination room at Agronomy Dept.	3(2-1)	Definition and scope of soil and water conservation; Soil erosion and problems; prediction and evaluation of soil erosion; soil and water conservation methods; soil and water conservation planning strategies.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PTN 36715	Lowland Management ** - Dr. Ir. Muh. Bambang Prayitno, M.Agr.Sc. (081373291625) - Dr. Momon Sidik, S.P. M.Sc. - Dr. Ir. Marsi, M.Sc. Thursday, 8-9.40 VIP dean building 3 rd floor	2 (2-0)	Introduction: terminology, identification, natural environment, phenomenon: agronomic problems, engineering problems, environmental problems, lowland classification: classification of tidal swamp land typology, chemistry, physics and biology: soil reactions, oxidation and reduction of acid sulphate soils, soil biology, swamp management: alternative management, use for agriculture, nonagricultural use; selected topics: land survey and evaluation, reclamation development of reclamation network, results of research (crop cultivation).
PTN 36815	Practicum Of Lowland Management** - Dr. Ir. Muh. Bambang Prayitno, M.Agr.Sc. Thursday, 9.50-11.30	2 (0-2)	

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PPT37115	Integrated Pest and Disease Management * - Prof. Dr. Ir. Siti Herlinda, M.Sc. (08127853516) - Dr. ir. Suparman, S.H.K.	3 (2-1)	Basic concept of environmental friendly pest management; history and development of integrated pest management and its implementation in the field; agricultural ecosystem and its relationship to plant pests and diseases; techniques of pest and disease control and their integration into cropping system under integrated pest management; ecological aspects of integrated pest management, economical aspects of integrated pest management in relation to population and economic threshold; examples of integrated pest management of food, estate and horticultural crops.
	Wednesday, 8.00-9.40 VIP dean building 3 rd floor		

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PHI 23115	Traditional Processing Technology For Fishery Products*** - Dr. Rinto, S.Pi., M.P. (085838320730) - Shanti Dwita Lestari, S.Pi., M.Sc. Thursday, 8.00-9.40 2 nd floor examination room at Agr. Dept	3 (2-1)	This course contains the study of traditional fisheries processing product in Indonesia. There are fish salting, fish drying, fish smoke and fish fermentation. This study includes definition, characteristics, composition and method production.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PHI 23215	Management of Fishery Industry***** - Herpandi, S.Pi., M.Si., Ph.D. (C31260537744) - Indah Widiastuti, S.Pi., M.Si., Ph.D. Wednesday, 9.40-11.30 2 nd floor examination room at Agr. Dept	3 (2-1)	This course contains principles of management of fishery industries. There are planning, organizing, actuating, controlling and operating management in fishery industry.

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CODE	COURSE NAME	CREDIT	DESCRIPTION
PBA 224216	Biodiversity, Genetics and Aquatic Conservation* - Mochamad Syaifudin, S.Pi., M.Si., Ph.D. (082177933568) - Dr. Dade Jubaedah, S.Pi., M.Si. Thursday, 9.50-11.30 2 nd floor examination room at Agr. Dept	3 (2-1)	Course of Biodiversity, Genetics and Aquatic Conservation consists of Species Diversity Concept, Molecular Genetics Method, Conservation and The Maintenance of Species Diversity for Sustainable Aquaculture.