

Bioindustry Management and Entrepreneurship

Module name		Bioindustry Management and Entrepreneurship				
Module level		4 th year of Bachelor program				
Abbreviation, if applicable						
Sub-heading, if applicable						
Courses included in the module, if applicable		MB4070 Bioindustry Management and Entrepreneurship				
Semester/term		8 th Semester				
Module coordinator(s)		Dr. I Nyoman P. Aryantha				
Lecturer(s)		Dr. I Nyoman P. Aryantha				
Language		Indonesian				
Classification within the Curriculum		Compulsory courses for Bachelor Program in Biology				
Teaching format/ class hours per week during the semester		3 parallel classes: Lecture (Face to face lecture): 3 hours x 16 weeks				
Workload	Total Workload	144 hours; 3 CU				
		Face to face teaching	Assignment/ homework	Independent study	Exam	Total
	Lecture	44	48	48	4	144
Credit points		Bioindustry Management and Entrepreneurship (3 CU)				
Requirements						
Content	<p>This course activities consist of lectures with scope:</p> <ul style="list-style-type: none"> • Entrepreneurial mindset, traits, characters, type of entrepreneurs • Bioindustry characteristics • Entrepreneurship challenge • the Entrepreneurial process: idea generation, creativity and innovation, creation, identification, and retrieval of opportunities, the opportunity test, strategy and business plan, founder and team work • Legal and ethical aspects of business • (Green) marketing and selling • Financing a new venture, budgeting • Financial institution and how to access • Report and evaluation of business performance: accounting and financial statement, evaluation of business performance • Start-up-business management: Business launching, business growth management 					
Learning goals/ competencies	<p>After completion of this module, students are expected to be able to:</p> <p>Knowledge:</p> <ul style="list-style-type: none"> • Describe the concept of entrepreneurship • Explain the process of entrepreneurship <p>Skill:</p> <ul style="list-style-type: none"> • Analyse business opportunities, including opportunities in the bioindustry • Design a business plan • Prepare and develop a business <p>Competences:</p> <ul style="list-style-type: none"> • Increase appreciation and motivation to the application of entrepreneurial spirit • Practice entrepreneurship in business or other fields 					
Study /exam	<ul style="list-style-type: none"> • Midterm exam (35%) • Final exam (35%) • Others portofolio (participation activities in class and discussion, and group presentation) 					
Forms of media	Classical teaching tools:	white board/ chalk and talk, power point, tutorial, video streaming, film				
	Integrated teaching tools:					
	Digital teaching tools:					
	Problem based teaching tools:	Case study, Group business plan				
Literature	1. Kuratko, Donald F. , and Richard M. Hodgetts. 2004. Entrepreneurship: Theory, Process, Practice.					

	<p>6th edition. Ohio: South-Western, Thomson Learning.</p> <p>2. Timmons, Jeffrey A. , and Stephen Spinelli, Jr. 2009. New Venture Creatikon: Entrepreneurship for The 21st Century. 8th Edition. New York: McGraw-Hill Irwin, McGraw-Hill Companies, Inc.</p>
--	---