

Module designation	Entrepreneurship in Biology
Module level, if applicable	Undergraduate
Code, if applicable	NBIOUM6128
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Odd semester
Person responsible for the module	Agung Witjoro, S.Pd., M.Kes
Lecturer	Agung Witjoro, S.Pd., M.Kes Dr. Agus Darmawan, M.Si Dra.Nursasi Handayani, M.Si Sitoresmi Prabaningtyas, S.Si, M.Si Drs. I Wayan Sumberartha, M.Sc Siti Imroatul Malikhah, S.Si, M.Si. Andry Priyo utomo, S.Si., M.Si Ajeng Daniarsih, S.Si., M.Si
Language	Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, compulsory, 5th semester.
Type of teaching, contact hours	Undergraduate degree program: cooperative learning, presentation, 2 x 50 = 100 minutes
Workload	1. Lectures: 2 x 50 = 100 minutes (1.67 hours) per week. 2. Exercises and Assignments: 2 x 60 = 120 minutes (2 hours) per week. 3. Private study: 2 x 60 = 120 minutes (2 hours) per week.
Credit points	2 credit points (~3 ECTS-eq)
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to be eligible for the final examination.
Recommended prerequisites	NBIOUM6111 (<i>Cell Biology</i>) NBIOUM6119 (<i>Plant Diversity</i>) NBIOUM6124 (<i>Biometry</i>)
Module objectives/intended learning outcomes	Students are able to: (LO5) Design and carry out research projects and/or biology entrepreneurship according to their field of expertise creatively and innovatively to generate ideas and solutions based on scientific principles, procedures and ethics
Course learning outcomes	1. Having an entrepreneurial spirit (entrepreneurship) based on biology and biology education.

	<p>2. Exploring creative ideas for biology-based entrepreneurship and biology education.</p> <p>3. Creating ideas in the form of a science-based business plan.</p> <p>4. Having an entrepreneurial attitude based on biology and biology education.</p> <p>5. Implementing creative ideas in the form of reports/articles and concrete products.</p>	
Content	<p>This course covers the following main topics:</p> <ul style="list-style-type: none"> ● Definition of entrepreneurship, ● Steps to pioneer an entrepreneurship, ● Entrepreneurial motivation, ● Entrepreneurial opportunity analysis, ● Entrepreneurial funding sources, ● Market analysis. 	
Learning activity	Week 1	Preparing and seeking various creative ideas from field experience (observation results) and accurate references to support the construction of creative ideas in the form of papers (per two people), presenting and revising (group assignments).
	Week 2	Conducting field observations to strengthen his creative ideas in making papers.
	Week 3	Presenting papers that have been prepared (per two people) based on field observations and accurate references
	Week 4	Presenting papers that have been prepared (per two people) based on field observations and accurate references
	Week 5	Presenting papers that have been prepared (per two people) based on field observations and accurate references and reviewing all papers that have been presented
	Week 6	Carrying out the planned activities
	Week 7	Supervising activities carried out by students.
	Week 8	Reporting progress carried out
	Week 9	Supervising activities carried out by students
	Week 10	Reporting progress carried out
	Week 11	Supervising activities carried out by students
	Week 12	Reporting progress carried out

	Week 13	Supervising activities carried out by students
	Week 14	Reporting progress carried out
	Week 15	Displaying the student's final product (along with the whole class/offering) and will be assessed by the MK supervisor, head of the jury and fellow project MK participants.
	Week 16	Submission of Report/article assignment
Study and examination requirements and forms of examination	Assignment, Quiz, Midterm examination, Final examination, Performance	
Media employed	LCD, power point, white board, video and moodle (Sipejar)	
Reading list	<ol style="list-style-type: none"> 1. Alma Buchari 2007. Kewirausahaan. Bandung: Alfabeta. 2. Sumarsono Sonny. 2010. Kewirausahaan. Yogyakarta. Graha Ilmu 3. Khasal R. 2010. Wirausaha muda mandiri. Penerbit PT Gramedia Pustaka Utama. Jakarta 4. Mudjiarto dan Aliaras Wahid, 2006. Membangun Karakter dan Kepribadian Kewirausahaan. Graha Ilmu . 5. Shane, S. 2003. A General Theory of Entrepreneurship.the Individual-opportunity Nexus. USA: Edward Elgar 6. Suparyanto RW. 2013. Kewirausahaan : konsep dan realita pada usaha kecil. Edisi ke-2. Penerbit Alfabeta Bandung 7. Suryana Y dan Bayu K. 2011. Kewirausahaan : pendekatan karakteristik wirausahawan sukses. Edisi ke-2, Penerbit Kencana Prenada Media Group Jakarta 	
Date of last amendment made	January, 2022	