



Bachelor Program in Geophysics

Faculty of Mathematics and Natural Sciences
HASANUDDIN UNIVERSITY

25. Geoenterpreneurship

Module Name	:	Geoenterpreneurship
Module Level	:	Bachelor
Code, if applicable	:	23H06130302
Subtitle, if applicable	:	-
Courses, if applicable	:	Geoenterpreneurship
Semester(s) in which the module is taught	:	V (Fifth Semester)
Module coordinator(s)	:	Ir. Bambang Hari Mei Soeprapto, M. Si.
Lecturer(s)	:	Ir. Bambang Hari Mei Soeprapto, M. Si. and Dr. Muhammad Hamzah S., S.Si.,MT.
Language	:	Bahasa (Indonesian language)
Relation to curriculum	:	Compulsory course in the third year for Bachelor Degree in Geophysics
Type of teaching, contact hours	:	This course is delivered through Lectures (i.e., Project/Case-based learning), complemented by structured assignments (paper review, project/case evaluation) and independent study. Contact hours consist of 100 minutes lectures per week, plus 120 minutes per week for each of the following: structured assignments and independent study
Workload	:	Total workload is 90 hours per semester, consisting of 28 hours for lectures, and 31 hours each for structured assignments and independent study
Credit points	:	2 SKS (3.2 ECTS)
Requirements according to the examination regulations	:	Students are eligible to attend the examination if their absences are less than 20% of the lectures
Recommended prerequisites	:	-
Module objectives/intended learning outcomes	:	After completion of this module, students will be able to: CLO 1. Students are able to carry out actions/activities with an understanding of value innovation and identifying business opportunities related to the earth sector; CLO 2. Students are able to develop skills to identify and analyze entrepreneurial ideas; CLO 3. Students are able to interact in small and large groups within an institution or business entity.



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		The following is the mapping of the ILO and the CLO of this course: <table><tr><td></td><td>ILO 4</td><td>ILO 8</td><td>ILO 9</td><td>ILO 14</td></tr><tr><td>CLO 1</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CLO 2</td><td></td><td>✓</td><td>✓</td><td></td></tr><tr><td>CLO 3</td><td></td><td></td><td>✓</td><td>✓</td></tr></table>		ILO 4	ILO 8	ILO 9	ILO 14	CLO 1	✓				CLO 2		✓	✓		CLO 3			✓	✓
	ILO 4	ILO 8	ILO 9	ILO 14																		
CLO 1	✓																					
CLO 2		✓	✓																			
CLO 3			✓	✓																		
Content	:	1. Understanding entrepreneurship and becoming a Geoentrepreneur 2. Thinking about change and creativity 3. Risk taking 4. Business Ethics 5. Financial Management and Business Financing 6. Starting a New Business and Its Development Models 7. Aspects of Project Management Activities in Exploration 8. Methods of Project Scheduling in Exploration 9. Time Details in an Exploration 10. Duration-Cost Trade-Off 11. Management of Natural Resource Exploration.																				
Study and examination requirements		Participants are marked based on their performance in theory: Project/ Case Study (57.5%), Participatory activity (12.5%), Written Examination (30%). Students are marked based on their percentage of points obtained and based on the following grade scale: <table><tr><th>Percentage of Achievement</th><th>Grade</th><th>Conversion Value</th></tr><tr><td>85 – 100</td><td>A</td><td>4.00</td></tr><tr><td>80 - <85</td><td>A-</td><td>3.75</td></tr><tr><td>75 - < 80</td><td>B+</td><td>3.5</td></tr><tr><td>70 - < 75</td><td>B</td><td>3.0</td></tr><tr><td>65 - < 70</td><td>B-</td><td>2.75</td></tr></table>	Percentage of Achievement	Grade	Conversion Value	85 – 100	A	4.00	80 - <85	A-	3.75	75 - < 80	B+	3.5	70 - < 75	B	3.0	65 - < 70	B-	2.75		
Percentage of Achievement	Grade	Conversion Value																				
85 – 100	A	4.00																				
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75 - < 80	B+	3.5																				
70 - < 75	B	3.0																				
65 - < 70	B-	2.75																				



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			60 - < 65	C+	2.5	
			50 - < 60	C	2.00	
			40 - < 50	D	1.00	
			< 40	E	0.00	
Exams and assessment formats		Assessment in this course consists of a project or case study, participatory activities, a written examination. The project or case study is conducted individually or in groups and requires students to apply theoretical concepts to analyze and solve a problem, culminating in a written report that is evaluated and may be revised after feedback. Participatory activities include active involvement in class discussions, problem-solving sessions, or peer feedback exercises, and are evaluated based on engagement, relevance of contribution, and collaboration with peers. The written examination (closed-book, written) evaluates students' understanding of fundamental concepts covered in CLO 1 and CLO 2, and CLO 3.				
Reading list		Main References: 1. Kasali, Rhenald, dkk. 2010. Modul Kewirausahaan Untuk Program Strata 1. Yayasan Rumah Perubahan 2. Alma, Buchari. 2000. Kewirausahaan, Bandung, Alfabeta. 3. Suryana. 2001. Kewirausahaan, Jakarta. Salemba Empat. Additional References: 1. Arman Hakim Nasution. 2006. Creative Thinking. Andi Publisher, Jokjakarta. 2. Umar, Husein. 2001. Studi Kelayakan Bisnis. Jakarta. PT Gramedia Pustaka Utama. 3. Maxwell, J. C. 2002. Leadership 101 : What Every Leader Needs to Know. Tennessee. Thomas Nelson, IncOSR Ongkosongo, Suyarso. 1989. Tides. Jakarta: Indonesian Institute of Sciences (LIPI), Center for Oceanographic Development.				
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