

Module Description: Dasar Epidemiologi Genetik

Module name	Course Module
Module level, if applicable	Sarjana Kesehatan masyarakat (S.KM)
Code, if applicable	345K1332
Subtitle, if applicable	-
Course, if applicable	Dasar Epidemiologi Genetik
Semester(s) in which the module is taught	V
Person responsible for the module	Dr. Ida Leida, SKM., M.KM., M.Sc.PH.
Lecturer	<ol style="list-style-type: none"> 1. Prof. Dr. Ridwan A, SKM., M.Kes, MScPH 2. Prof. Dr. drg. A. Arsunan Arsin, M.Kes 3. Dr. Wahiduddin, SKM., M.Kes.
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is a compulsory course and offered in the 4 th semester.
Type of teaching, contact hours	<p>Teaching methods used in this course are:</p> <ol style="list-style-type: none"> 1. Lecture (small group discussion, presentation) 2. Structure assignments (quiz, essay, case study) <p>The class size for lecture is approximately 250 students Contact hours for lecture is 23 hours, assignment is 28 hours for structured assignments, and 28 hours for independent learning</p>
Workload	<p>For this course, students are required to meet a minimum of 79 hours in one semester, which consist of:</p> <ul style="list-style-type: none"> - 23 hours for lecture, - 28 hours for structured assignments, - 28 hours for independent learning,
Credit Points	2 credit points (equivalent with 3.17 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all class assignments that are scheduled before the mid and final tests.
Recommended prerequisites	-
Module objectives/intended learning outcomes	<p>CLO1 : Mahasiswa mampu menjelaskan tentang ruang lingkup genetika epidemiologi, mencakup struktur sel dan human genom</p> <p>CLO2 : Mahasiswa mampu melakukan analisis genetik, dan mengaplikasikan epidemiologi dalam konsep genetik</p> <p>CLO3 : Mahasiswa mampu menjelaskan penyakit infeksi akibat bakteri dan jamur</p> <p>CLO4 : Mahasiswa mampu mengidentifikasi faktor risiko zat kimia dan fisik</p>
Content	<ol style="list-style-type: none"> 1. Batasan dan ruang lingkup genetika epidemiologi 2. Struktur sel 3. Human genom

	<ol style="list-style-type: none"> 4. Implikasi epidemiologi dan genetik 5. Metode epidemiologi genetik 6. Analisis genetik 7. Aplikasi epidemiologi 8. Penyakit infeksi bakteri 9. Penyakit infeksi jamur 10. Faktor risiko zat kimia dan fisik
Forms of Assessment	<ol style="list-style-type: none"> 1. Structured assignments (essay, quiz, case study): 20% 2. Individual and group presentation (paper and presentation): 35% 3. Written exam (Mid and Final Test): 35% 4. Class attendance and participation: 10%
Study and examination requirements and forms of examination	<p>Study and Examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts - Students must switch off all electronic devices - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignment before the deadline - Students must attend the exam to get final grade <p>Form of examination: Written exam: Essay/Multiple Choice Questions</p>
Media employed	PowerPoint Presentation
Reading list	<ol style="list-style-type: none"> 1. Alison Stewart; Philippa Brice; Hilary Burton; Paul Pharoah; Simon Sanderson; Ron Zimmern. 2007. Genetics, Health Care and Public Policy : An Introduction to Public Health Genetics. 2. Alan Petersen ; Robin Bunton. 2002. The New Genetics and the Public's Health

Course Learning Outcome Assessment of Learning Outcomes for Course Modules

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Code : 345K1332
Semester : V
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Lecturers : 1. Prof. Dr. Ridwan A, SKM., M.Kes, MScPH
 2. Prof. Dr. drg. A. Arsunan Arsin, M.Kes
 3. Dr. Wahiduddin, SKM., M.Kes.

Intended Learning Outcomes	Course Module Objectives	List of Assessments	List of Rubrics
Knowledge (K1): Mampu menjelaskan konsep dasar ilmu kesehatan masyarakat dalam peningkatan status kesehatan masyarakat	CLO1 : Mahasiswa mampu menjelaskan tentang ruang lingkup genetika epidemiologi, mencakup struktur sel dan human genom	Assignment: <ul style="list-style-type: none"> ● Essay Written Test <ul style="list-style-type: none"> ● Quiz ● Mid Test 	<ul style="list-style-type: none"> ● Rubric penilaian tatap muka ● Rubric partisipasi kelas
Competence (C1): Mampu menerapkan pemikiran logis, kritis, sistematis, dan inovatif dalam konteks pengembangan kesehatan masyarakat;	CLO2 : Mahasiswa mampu melakukan analisis genetik, dan mengaplikasikan epidemiologi dalam konsep genetik	Assignment: <ul style="list-style-type: none"> ● Essay ● Case Study Written Test <ul style="list-style-type: none"> ● Quiz ● Mid Test 	<ul style="list-style-type: none"> ● Rubric penilaian tatap muka ● Rubric partisipasi kelas
Skill (S1): Mampu menerapkan prinsip epidemiologi dan biostatistik dalam analisis situasi bidang kesehatan masyarakat	CLO3 : Mahasiswa mampu menjelaskan penyakit infeksi akibat bakteri dan jamur CLO4 : Mahasiswa mampu mengidentifikasi faktor risiko zat kimia dan fisik	Assignment: <ul style="list-style-type: none"> ● Essay ● Paper and Presentation Written Test <ul style="list-style-type: none"> ● Quiz ● Final Test 	<ul style="list-style-type: none"> ● Rubric penilaian tatap muka ● Rubric partisipasi kelas ● Rubric Makalah ● Rubrik Presentasi ● Rubrik Penilaian Diskusi

Example of Written Test Exam