

Title of Module:
Demography

Coordinator(s) / organiser(s):
Nunik Puspitasari, S.KM., M.Kes. (Module Leader)

Teaching Faculty

Title	Name	Qualifications*	Hours contributed
Ms.	Nunik Puspitasari	S.KM., M.Kes.	28.3
Professor	Kuntoro	dr., M.PH., Dr.PH.	13.3
Dr.	Arief Wibowo	dr., M.S., Dr.	16.7
Dr.	Windhu Purnomo	dr., M.S., Dr.	15.1
Dr.	Lutfi Agus Salim	S.KM., M.Si., Dr.	30.77
Ms.	Nurul Fitriyah	S.KM., M.PH.	13.3
Ms.	Yuly Sulistyorini	S.KM., M.Kes.	29.2

* PhD, Master, 20 years service(in practice) etc. Only provide details for faculty responsible for 25% or more of course load.

Core /elective or optional:	Core: Population Study (KMD104) Elective: Demographic Technique (KMD312) Mortality (KMD307) Measurement Technique in Fertility, Family Planning and Mortality (KMD310) Demographic Application (Computer Application of Population Analysis) (Integrating Experience see section 7)
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Number of SKS credits allocated	Student's workload in hours	Contact work hours*	Self-study work hours
11 SKS	498.67	146.67	352

* includes lectures, seminars, face-to-face, assessments

Learning competences / objectives

On successful completion of this module students will be able to:

1. Understand and explain the various theories and concepts of population studies properly
2. Interpret population data and identify the appropriate solution for the various problems
3. Use computer application for population analysis
4. Analyze the determinants of fertility, mortality, mobility and to decide how to solve the problems
5. Measure sizes, composition, distribution of population
6. Understand the population policies and their problems

Syllabus content. Brief overview of syllabus using bullet points.

- Concept of population science
- Population data sources
- Demographic transition theory
- Population theory
- Composition, distribution, growth and population pyramid
- Computer application for population analysis (Microsoft Excel, Mortpak for Windows, Spectrum, Gapminder World and GIS)
- Theory and determinants of fertility, mortality and mobility
- Life Tables theory
- The Labor theory
- Theory and determinants of Nuptiality
- Population projection and interpolation
- Population indicators and welfare indicators
- Measurement of fertility, mortality and mobility
- Measurement of family planning

Module level timetable - indicate the timing of the teaching sessions from the previous and upcoming teaching year:

Population Study: 01.00-03.00 p.m., Thursday, 1st semester

Demographic Technique: 6th semester

Mortality: 6th semester

Measurement Technique in Fertility, Family Planning and Mortality: 7th semester

Pedagogic/teaching methodology:

Scheduled learning includes lectures and discussions about the actual real life cases.

Lecturers present module materials using the LCD and whiteboard. In one class, all the students are divided into small groups. Each group has to discuss the topic determined by the lecturer and present the results to the class.

Demonstration of the use computer applications for population analysis.

Independent learning includes hours engaged with essential reading, assignment preparation and completion and self-directed study.

Assessments used:

There are three types of assessment :

1. Middle examination (40%),
2. Final examination (40%)
3. Group/individual assignment (20%)

Each examination takes 100 minutes including multiple choice questions, essays, short answer questions, and case studies. In these case studies, the students have to use demographic computer applications. Assignment is assessed by writing a report about a specific case then the students present it. The examination assesses the students' knowledge and understanding and all learning outcomes of the module.

Weeks required and place in academic calendar:	Number of weeks	Week number
Population Study Thursday, 01.00-03.00 p.m Weeks beginning 17/08/2017 – 30/11/2017	16	01-16
Demographic Technique Weeks beginning 02/2020-05/2020	16	17-32
Mortality Weeks beginning 02/2020-05/2020	16	17-32
Measurement Technique in Fertility, Family Planning and Mortality Weeks beginning 08/2020-11/2020	16	01-16