

Theoretical and practical courses-Illam University of Medical Sciences

- * Introduction to Demography course
- * First semester / 2020-2021
- * School: Health
- * Department: Health Education
- * Course Name and Number: Demography
- * Field and Degree: Master of Epidemiology
- * Day and time: Sunday 2-4
- * Venue: Epidemiology Department
- * Name of the person in charge of the course (course instructor): Dr. Mohammad Sadegh Abedzadeh
- * Prerequisite courses: None
- * Office address: School of Health
- * Email address: msabed348@gmail.com

General Objective of the course: Familiarity of students with advanced methods of analyzing demographic information and population forecasting methods that are the basis of long-term national planning.

• **Behavioral goals** (behavioral goals have an audience, behavioral verb, degree and criteria and conditions of performance)

1- The student should define demography.

2- Explain the concept of geographical distribution and name at least 4 factors affecting it.

3- Explain arithmetic-bio density indices and crude birth rates and mortality rates.

4- Define migration and name its types

Explain the different counting methods and how to collect information

6- Get acquainted with the recording of vital events and name the characteristics of each

Explain the concept of gender composition of the population and the importance of studying it.

8- Explain the sex ratio index and name the factors affecting its changes.

9- Explain the concept of population composition and the importance of studying it.

10- Explain the concept of population increase and how to calculate it.

- 11- Explain the concept of life table models.
- 12- Explain the growth trend of Iran's population from the past to the present.
- 13. Name and describe different views of demography.

• **Student duties** (student homework during the semester)

Due to the importance of the course and its diversity, learners are expected to refer to the introduced sources and study the supplementary contents of the discussions.

- 2- Pay attention to regular attendance along with preparation in all theory lessons
- 3- To actively participate in questions and answers and activities related to the student.
- 4- Presenting a conference on the subject during a meeting

• **Student duties** (student homework during the semester)

- 1- Due to the importance of the course and its diversity, learners are expected to refer to the introduced sources and study the supplementary contents of the discussions.
- 2- Pay attention to regular attendance along with preparation in all theory lessons
- 3- To actively participate in questions and answers and activities related to the student.
- 4- Presenting a conference on the subject during a meeting

• **Methods and time of assessment and evaluation of the student and the bar related to each assessment:**

Method	Score	Date	Time
Participate in class work and attendance	1	during semester	
conference presentation	4		
End of semester exam	15		

Lesson rules and expectations from students

Regular participation in the classroom, observance of educational rules, cooperation in class discussions, performing assigned homework

Session	Topic	Lecturer	Necessary preparation of students before the start of the class
1	History of demography and its basic concepts and the development of this science	Dr. Abedzadeh	
2	Geographical distribution of the population - Factors affecting its mass - The role of		Review and study the topics of the previous

	socio-cultural, economic and religious factors on the population		session and be relatively prepared for new topics
3	Familiarity with the structure and composition of the population (age, sex, education		
4	Familiarity with the structure and composition of the population (age, sex, education		
5	Birth and fertility - the importance of studying and recording mortality on the recording of vital events - fertility patterns		
6	Birth and fertility - the importance of studying and recording mortality on the recording of vital events - fertility patterns		
7	Birth and fertility - the importance of studying and recording mortality on the recording of vital events - fertility patterns Familiarity with the spatial movement of the population		
8	Familiarity with the spatial movement of the population		
9	Natural population growth - the relationship between annual growth rates and the time required to double the population - the three stages of world population growth		
10	Models of life tables		
11	Familiarity with population policies		
12	Present class work and group discussion on the topic		
13	Present class work and group discussion on the topic		
14	Present class work and group discussion on the topic		
15	Present class work and group discussion on the topic		
16	Present class work and group discussion on the topic		
17	End of semester exam		