
Course Syllabus and Schedule – Student Form

- **Course Title:** Communicable Diseases
- **Program:** Medicine
- **Faculty:** Medicine
- **Prerequisite:** None
- **Credit Units:** 1
- **Instructional Hours:** 17 hours
- **Term:** First Semester, 1405-1404
- **Course Type:** Theoretical
- **Class Day and Time:** Tuesday, 14:00 – 15:00
- **Session Duration:** 1 hour
- **Instructor:** Dr. Saeid Bitaraf
- **Email:** drsbitaraf@yahoo.com

General Course Objective

Familiarize students with the epidemiology of non-communicable diseases in Iran, considering their geographic and spatial distribution, individual characteristics, and prevention and control methods.

Specific Objectives

Students will become familiar with the epidemiology of non-communicable diseases in the country to enable them, as future physicians, to promote individual and population health.

Course Schedule

Session	Date (Solar Hijri)	Key Topics	Content Type	Teaching Method	Instructor
1	25/6/1404	Introduction to epidemiology of non-communicable diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf

Session	Date (Solar Hijri)	Key Topics	Content Type	Teaching Method	Instructor
2	1/7/1404	Principles of disease management and health system	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
3	8/7/1404	Epidemiology of atherosclerosis and hypertension	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
4	15/7/1404	Epidemiology of diabetes	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
5	22/7/1404	Epidemiology of obesity	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
6	29/7/1404	Epidemiology of hyperlipidemia	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
7	6/8/1404	Epidemiology of accidents and injuries	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
8	13/8/1404	Epidemiology of malignancies (breast, lung cancer)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
9	20/8/1404	Epidemiology of malignancies (stomach, esophagus, colon cancer)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
10	27/8/1404	Epidemiology of mental disorders (depression, anxiety)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
11	13/8/1404	Epidemiology of mental disorders (suicide, domestic violence)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
12	4/9/1404	Epidemiology of addiction	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
13	11/9/1404	Epidemiology of iron-deficiency anemia	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
14	18/9/1404	Epidemiology of thyroid diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf

Session	Date (Solar Hijri)	Key Topics	Content Type	Teaching Method	Instructor
15	25/9/1404	Epidemiology of alcohol dependence	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
16	2/10/1404	Epidemiology of tobacco and hookah-related diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
17	9/10/1404	Review and Q&A session	Lecture, group discussion, PowerPoint	In-person	–

Student Responsibilities

- Attend all classes on time and regularly.
- Complete assigned tasks.
- Actively participate in group discussions.
- Maintain classroom discipline and order.

Assessment and Grading

- Midterm participation and class Q&A: 2 points
- Midterm Exam: 10%
- Final Exam: 90%

Main References (Approved by Ministry of Health)

1. *Public Health Textbook*, Dr. Hatami et al.
2. *Epidemiology*, Dr. Parvin Yavari

Daily Lesson Plan Form

Deputy of Education – Ahvaz Jundishapur University of Medical Sciences
Center for Medical Education Studies and Development

- **Course Title:** Epidemiology of Non-Communicable Diseases
 - **Session Number:** –
 - **Credit Units:** 1
 - **Academic Term:** First Semester, 1405-1404
 - **Educational Domain:** Theoretical
 - **Lesson Topic:** Epidemiology of Atherosclerosis and Hypertension
 - **Target Audience:** Medical Internship Students
 - **Faculty:** Medicine
 - **Prepared by:** Dr. Saeid Bitaraf
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General Objective

To familiarize students with the epidemiology of atherosclerosis and hypertension in the country so that, as physicians, they can contribute to individual and population health promotion and disease prevention.

Behavioral Objectives

After the session, learners will be able to:

Learning Outcome	Domain	Teaching Method	Classroom Activity	Teaching Tools	Time (min)	Assessment & Follow-up
Describe the epidemiology of atherosclerosis	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	5	Class activity, participation, final grade
Describe the epidemiology of hypertension	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	5	Class activity, participation, final grade
Explain methods of preventing atherosclerosis	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	10	Class activity, participation, final grade
Explain methods of preventing hypertension	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	10	Class activity, participation, final grade
Describe monitoring and treatment of atherosclerosis	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	15	Class activity, participation, final grade
Describe monitoring and treatment of hypertension	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	15	Class activity, participation, final grade

Learning Outcome	Domain	Teaching Method	Classroom Activity	Teaching Tools	Time (min)	Assessment & Follow-up
Explain the referral system for patients with hypertension and atherosclerosis	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	15	Class activity, completed proposal, final grade

References

- *Public Health Textbook*, Dr. Hatami & colleagues
 - *Epidemiology*, Dr. Parvin Yavari
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