
Course Syllabus and Schedule – Student Form

- **Course Title:** Epidemiology of Common Communicable Diseases in the Country
- **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:** Sunday, 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 communicable diseases in Iran, including their geographic and spatial distribution, individual characteristics, and methods of prevention and control.

Course Description

Introduction to the epidemiology of communicable diseases in the country, enabling students, as future physicians, to actively participate in preserving and promoting the health of individuals and populations.

Course Schedule

Session	Date (Solar Hijri)	Key Topics	Content Type	Teaching Method	Instructor
1	30/6/1404	Introduction to epidemiology of communicable diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
2	6/7/1404	Principles of disease management and health system; Syndromic surveillance	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
3	13/7/1404	Sexually transmitted diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
4	20/7/1404	Acquired Immunodeficiency Syndrome (AIDS)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
5	27/7/1404	Types of hepatitis	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
6	4/8/1404	Vaccine-preventable diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
7	11/8/1404	Influenza	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
8	18/8/1404	Emerging and re-emerging diseases; Aedes-borne diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
9	25/8/1404	Salmonella and Shigella infections	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
10	2/9/1404	Giardiasis and amebiasis	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
11	9/9/1404	Toxoplasmosis and cholera	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
12	16/9/1404	Tuberculosis and leprosy	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
13	23/9/1404	Epidemiology of zoonotic diseases	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf

Session	Date (Solar Hijri)	Key Topics	Content Type	Teaching Method	Instructor
14	7/10/1404	Diseases with reservoirs 1 (Malaria)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
15	14/10/1404	Diseases with reservoirs 2 (Leishmaniasis)	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
16	21/10/1404	Nosocomial infections and microbial resistance	Lecture, group discussion, PowerPoint	In-person	Dr. Saeid Bitaraf
17	28/10/1404	Final Exam	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*, Leon Gordis
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Daily Lesson Plan Form

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

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

General Objective

To familiarize students with the epidemiology of communicable diseases in Iran 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
Define communicable diseases and give several examples	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	5	Class activity, participation, final grade
Describe the primary health care system in Iran related to communicable diseases	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	10	Class activity, participation, final grade
Explain the history of communicable diseases in Iran and worldwide	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	10	Class activity, participation, final grade
Explain the role of epidemiology in understanding	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	10	Class activity, participation, final grade

Learning Outcome	Domain	Teaching Method	Classroom Activity	Teaching Tools	Time (min)	Assessment & Follow-up
communicable diseases Describe the disease surveillance and reporting systems for communicable diseases in Iran and worldwide	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	10	Class activity, participation, final grade
Describe the referral process for communicable diseases in Iran	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	15	Class activity, participation, final grade
Describe the standard management procedures for communicable diseases in Iran	Cognitive – Affective	Lecture, discussion, Q&A	Lecture, group discussion	Projector, whiteboard	15	Class activity, participation, final grade

References

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