

In the name of God
Department of Physiology, School of Medicine Semnan Univ. of Med. Sci.
Second semester (1403-1404) Medical Physiology- I: For *Dentistry* students
Time & place = Wednesday; 8-12 AM, (School of Dentistry)

Cell physiology (14h, score=5.2). Dr. Sedaghat (PhD), Associate Professor of Physiology

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| 17/11/1403 | Structure of cell membrane and Transport of cell membrane and osmosis |
| 24/11/1403 | Membrane potential |
| 01/12 /1403 | Action potential, Synaptic transmission |
| 08/12/1403 | Smooth and Skeletal muscles I, II |

Cardiac Physiology (8h score=3.1). Dr. Sedaghat (PhD), Associate Professor of Physiology

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| 15/12/1403 | Heart muscle and excitation –contraction-coupling, Cardiac cycle |
| 22/12/1403 | Mechanical performance of cardiac muscle and ECG |

Circulatory system (8h score=3.1). Dr. A.A. Vafaei (PhD), Professor of Physiology

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| 20/01/1404 | Homodynamic and Arterial blood pressure |
| 27/01/1404 | Microcirculation and lymphatic system and Circulatory shock |

Respiratory Physiology (6h score=2.4). Dr. Zahedi (PhD) Associate Professor of Physiology

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| 03/02/1404 | Pulmonary ventilation and circulation |
| 10/02/1404 | Physical principles of gas exchange, Transport of gas in blood, control of Respiration |

G.I Physiology (8h score=3.1). Dr. Miladi-Gorji (PhD), Professor of Physiology

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| 17/02/1404 | Functional anatomy and GI Regulation |
| 24/02/1403 | GI Regulation and G.I Motility, G.I Secretion and Digestion and Absorption |

Renal Physiology (8h, score=3.1). Dr. Dr. Sedaghat (PhD), Associate Professor of Physiology

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| 31/03/1404 | Renal structure and GFR, Regulation of ECF osmolarity and acid-base balance |
| 07/03/1404 | Renal blood flow & re-absorption & secretion and renal clearance |

Reference:

- Textbook of Medical Physiology, Guyton & Hall, 2021

جدول زمانی تدریس مباحث فیزیولوژی ۱ دانشجویان دندانپزشکی - ترم دوم ۱۴۰۳-۱۴۰۴