

**Semmelweis University, Faculty of Medicine - single, long-cycle medical training -  
Osztatlan általános orvos képzés**

**Name of the host institution (and any contributing institution):**

Sürgősségi Orvostani Klinika

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**Name of subject:** Elsősegély

**in English:** First Aid

**in German:** Erste Hilfe

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**Credit value:** 2

**Semester:** 1st semester, 2nd semester

(in which the subject is taught according to the curriculum)

Hours per week	Lecture	Practical lesson	Seminar
2.0	1.0	1.0	0.0

Hours per semester	Lecture	Practical lesson	Seminar
0.0	0.0	0.0	0.0

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**Type of course:**

obligatory

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**Academic year:**

2025/26

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**Language of instruction (for optional and elective subjects):**

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**Course code:**

AOKSGO1092\_1A

(in the case of a new course, to be completed by the Dean's Office, following approval)

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**Course coordinator name:** Dr. Fenyves Bánk Gábor (igazgató)

**Course coordinator location of work, telephone availability:** Department of Emergency  
Medicine 06 20 666 2060

**Course coordinator position:** clinic director

**Course coordinator Date and number of habilitation:** none

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**Objective of instruction and its place in the curriculum:**

Emergency Medicine involves prehospital and hospital emergency care. Part of emergency care is also the First Aid, as the first step of chain of survival. It is important for all medical students to be aware about this. Goal of the Subject is to show the students the special aspects of First aid. How to recognize critical situations. Call for help early. How to perform basic lifesaving skills. How to ensure the safety of the scene. During the lectures we try to handover the knowledge how to recognize critical ill patient and critical situations, how to communicate in this situations and the

background of the basic life saving interventions. During the practices we let the students practice the basic life saving skills (extrication, basic airway management, bleeding control), to practice basic life support. The communication during first aid is also critical part of the practices.

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**Method of instruction (lecture, group work, practical lesson, etc.):**

In the first three weeks there will be the Lessons organised. The Practices are in 5 week blocks.

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**Competencies acquired through completion of course:**

Recognition of critical situations

Safety on scene

ABCDE approach

·Call for help, communication

Extrication techniques (Rautek, Helmet removal)

·Basic airway skills·(Chin lift, Jaw trust, recovery position)

Bleeding control with direct pressure

BLS (adult and pediatric)

·Use of AED

**·First aid in:**

Consciousness level problem

Seizures

Neurological deficite

Hypoglicaemia

Syncope

Shock

Chest pain

Dyspnoe

Anaphylaxis

Intoxiations recognition and basic measures

Mass event recognition and communication

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**Course outcome (names and codes of related subjects):**

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**Prerequisites for course registration and completion: (CODE):**

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**In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:**

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**The number of students required to start the course (minimum, maximum), student selection method:**

Compulsory subject

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**Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)**

### **Lectures**

1. System of the emergency medicine. Chain of emergency
2. Goal of first aid and levels.
3. Safety on the scene
4. Emergency call
5. Extrication, Moving the patient
6. Critical state, recognition
7. Quick look and simple assessment, the ABCDE approach
8. The unconscious patient
9. Secure the airway
10. Chain of survival
11. Cardiac arrest recognition.
12. CPR - resuscitation
13. Critical illness or critical situations - complains and symptoms (red flags) and immediate measures
14. · Chest pain
15. · SONB, Dyspnoe
16. · Syncope
17. · Shock
18. · Allergy
19. AMS - seizures - stroke- hypoglycemia,
20. Injuries, Bleeding control, Fixations, Covers. Burns. Frostbites.
21. Hypo/hyperthermia.
22. Intoxications

## 23. Major incidents

### **Practices**

ABCDE - ABCDE approach for recognition of critically ill patient

AIRWAY - basic airway skills, use of SGD-s, recovery position, bag-valve-mask ventilation, foreign body removal

BLS - basic life support and AED skills, recognition of cardiac arrest,

SEB - Fixations of fractures, Burns and frost injuries, Bleeding control, environmental injuries, communication - SBAR

REX - Practice of all skills AND Practical exam

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**Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimize overlaps, topics should be coordinated. Code(s) of courses (to be provided):**

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**Requirements for attendance, options for making up missed sessions, and method of absence justification:**

Participate 75 % of the practices

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**Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):**

**(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)**

none

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**Number and type of individual assignments to be completed, submission deadlines:**

none

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**Requirements for the successful completion of the course:**

Participate 75 % of the practices

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**Type of assessment:**

**Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)**

Critical situation skills: ABCDE examination, airway management, bleeding control skills, AED use, communication skills

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**Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.**

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**Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)**

Knowledge and skills 5 grade practical exam

excellent (5) - excellent knowledge, excellent performance of all skills

good (4) - good knowledge, knows the skills, use the skills but needs korrektion

satisfactory (3) - poor knowledge, skills are not all known and the technic is not good

pass (2) - very poor knowledge, skills knowledge is also poor, skills after correction are poor

fail (1) - lacking knowledge, dangerous behavior during skill presentation

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**Artificial intelligence systems used in the teaching of the subject and the manner of their application**

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**Signature of habilitated instructor (course coordinator) announcing the course:**

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**Signature of the director of the host institution:**

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**Date of submission:**

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