

Field of Study: **general medicine, III. degree of study**  
Study program: **epidemiology**

---

Subject name: **Vaccinology**

Form of instruction: **lectures/seminars**

Recommended range of teaching (in hours): **28/28**

Study period: **winter/summer semester**

Course method: **present**

Evaluation: **exam**

ECTS credits: **5**

**Course contents:**

- History and present of vaccinology. Characteristics of vaccines.
- Production and clinical trials of vaccines. Handling and proper administration of vaccines.
- Mandatory and recommended vaccinations for children and adolescents, for adults.
- Characteristics of individual vaccines used in the Slovak Republic and in the EU. Organization of vaccination in the conditions of the Slovak Republic.
- Epidemiological aspects of vaccination, public health and economic aspects of vaccination.
- Vaccination of at - risk groups. Emergency vaccination in outbreak.
- Pre and post-exposure prophylaxis. Contraindications to vaccination. Control of vaccination.