

**ELECTIVE COURSES – UNIVERSITY INTEGRATED
UNDERGRADUATE AND GRADUATE STUDY
PROGRAMME OF MEDICINE IN ENGLISH LANGUAGE
ACADEMIC YEAR 2025-2026**

3rd YEAR

**FIRST BLOCK – WINTER SEMESTER
(01/10/2025–14/11/2025 – 7 weeks)**

1. Additive Technology
(Associate Professor Sven Maričić, PhD)
2. Evidence-Based Medicine
(Associate Professor Goran Poropat, MD, PhD)
3. Next and Third Generation Sequencing Methods in Medical Diagnostic
(Associate Professor Ivana Mihalek, PhD)
4. Life-Threatening Plants and Animals of our Region
(Professor Nada Starčević-Čizmarević, PhD)
5. COVID-19: New Pathophysiological Noxa
(Professor Ines Mrakovčić-Šutić, MD, PhD)

**SECOND BLOCK – WINTER SEMESTER
(17/11/2025–19/12/2025 – 5 weeks)
(05/01/2026–23/01/2026 – 3 weeks)**

1. Cell Growth and Cell Cycle Regulation in Physiological and Pathological Conditions
(Professor Siniša Volarević, MD, PhD)
2. Radiation Protection of Population and Environment from Ionizing Radiation
Originating from Radionuclides in Medicine
(Associate Professor Tatjana Bogović Crnčić, MD, PhD)
3. Precancerous Breast Disease
(Associate Professor Manuela Avirović, MD, PhD)
4. Epigenetics in Health and Diseases
(Associate Professor Sanja Dević Pavlić, PhD)

THIRD BLOCK – SUMMER SEMESTER (02/03/2026–17/04/2026 – 7 weeks)

1. The Role of HLA Genes in Organ Transplantation and Diagnostics of Autoimmune Diseases
(Assistant Professor Nataša Katalinić, MD, PhD)
2. Robotics in Medicine
(Associate Professor Sven Maričić, PhD)
3. Methods of Protein Immunoanalysis
(Professor Tihana Lenac Roviš, PhD)

FOURTH BLOCK – SUMMER SEMESTER (20/04/2026–12/06/2026 – 8 weeks)

1. Applied Microbiology
(Professor Marina Šantić, PhD)
2. Experimental Virology
(Associate Professor Vanda Juranić Lisnić, PhD)
3. Cardiovascular Biomarkers – from Molecules to Clinical Practice
(Assistant Professor Teodora Zaninović-Jurjević, MD, PhD)
4. Immunity and Aging
(Associate Professor Ilija Brizić, PhD)