



University of Maribor

Faculty of Medicine

Taborska ulica 8  
SI - 2000 Maribor, Slovenia

## **UNIFIED MASTER'S STUDY PROGRAMME GENERAL MEDICINE 2024/2025**

### ***The history of the institution:***

The Faculty of Medicine of University of Maribor was established with the decree to reform the University of Maribor, and was unanimously accepted by the National Assembly of the Republic of Slovenia (RS) on October 2, 2003. The Council for Higher Education of RS has confirmed the university study programme General medicine on December 3, 2003 and officially published 80 enrolment posts. The first generation of medical students enrolled in the study year 2004/05.

In the year 2009/10, the unified master's study programme General medicine was established in accordance with the demands of the Bologna declaration. In 2016 the study programme was comprehensively updated in line with the demands for a modern medical studies programme and was first implemented in 2017/18.

The Faculty of Medicine is a member of the University of Maribor. In September 2013, the Faculty moved to its newly registered address Taborska ulica 8, Maribor.

On September 30, 2004, University Medical Center Maribor, located at Ljubljanska ulica 5, hosted a ceremonious opening of the Faculty of Medicine's new building, where the Institute for Anatomy, Histology and Embryology and the Laboratory for Molecular biology and genetics are now located.

On January 27, 2006 the renovated premises of the Laboratory Centre FM UM at Magdalenski trg 5 began to serve the needs of the Faculty.

The establishment of the Faculty of Medicine and pursuance of the the study programme General medicine is one of the developmental priorities of the University of Maribor. The progress of medical sciences in the geographical region right at the national border and in the European Union contributes to the strengthening of the national intellectual potential.

### ***The definition of basic objectives of the programme - general and subject specific competences***

#### ***The basic objectives of the programme***

The basic objective of the proposed unified master's study programme General Medicine is to prepare students for independent work as doctors.

- Students will gain knowledge on health, health maintenance, diseases, and preventive measures in the context of the individual and their position as a member of family and society.
- They will gain knowledge and experience in basic clinical skills, e.g. determining illness trajectory, physical examinations and interpreting the results. They will also be qualified to carry out basic technical procedures and develop skills in communicating with patients.
- Students will acquire expertise for applying high standard medical practice and ethics in connection to care for individual patients, the population, as well as their own professional development .

Next to the narrower objectives that stem, broader social objectives shall be realised through the pursuance of the unified master's study programme General Medicine:

- Improvement of health services and with that the health of the population of the north-eastern part of Slovenia.
- Ensuring enough medical doctors in the Republic of Slovenia in accordance with the assessment of the Ministry of Health, made based on the analysis of the demographic characteristics of MD population.
- Ensuring faster development of medical sciences at the regional level and with the cooperation with the Faculty of Medicine of University of Ljubljana at the national level. The University of Maribor offers infrastructural and material potential for interdisciplinary cooperation in the scientific research and educational area, and the basis for further international cooperation.

### ***The general competences acquired in the programme***

The unified master's study programme General Medicine enables students to acquire professional knowledge through theoretical and methodological concepts, the aptitude to transfer and apply theoretical knowledge to a practical environment and gain professional and work related problem solving skills by searching for new sources of knowledge and use of scientific methods, develop communication skills within their own area of expertise and with experts from outside their area of expertise, cooperation and team work, professional criticism and responsibility, initiative and independent decision-making, as well as leading difficult tasks. Practical education in a health practitioners' working environment is part of the study programme as well.

The emphasis of the study program is acquiring general knowledge, knowledge analysis and synthesis, development of communication skills, work in an international environment; an important element is ethical adherence to the profession and professional ethics, and gaining knowledge on ethics in medicine and deontology.

After graduation, young professionals will be to work independently in a general medicine clinic by recognizing treating illnesses. For further education specialization is required in areas of medicine that the Medical Chamber determines at the national and/or European level.

### ***Subject specific competences acquired in the programme***

Students will acquire knowledge in the areas of preclinical subjects (e.g. anatomy, biochemistry, physiology, etc.) and clinical subjects (internal medicine, surgery, paediatrics, family medicine, etc.). After graduation they will:

- know and understand the argumentation and the history of the development of medicine;
- be able to solve concrete medical and health problems using scientific methods and procedures;
- master basic knowledge in the area of medicine and connect information from various fields of medicine and apply it;
- be able to place new information in the context of medicine;
- understand basic structures of medicine and the connection between its sub-disciplines, like individual specializations;
- develop skills and abilities in the use of knowledge in the area of medicine;
- use information-communication technology in the area of medicine.

### ***The cooperation with other foreign institutions (with signed agreements)***

The Faculty of Medicine of UM has signed bilateral Erasmus+ agreements with these faculties:

1. Medical University of GRAZ, AUSTRIA
2. Medical University of INNSBRUCK, AUSTRIA
3. Medical University of VIENNA, AUSTRIA
4. University GHENT, Faculty of Medicine and Health Sciences, BELGIUM
5. Medical University SOFIA, BULGARIA
6. Medical University VARNA, BULGARIA
7. Charles University in PRAGUE, 1st Faculty of Medicine, CZECH REPUBLIC
8. Charles University in PRAGUE, 3rd Faculty of Medicine, CZECH REPUBLIC
9. Masaryk University BRNO, CZECH REPUBLIC
10. University of BREST, FRANCE
11. University of Crete, HERAKLION, GREECE
12. Sveučilište Josipa Juraja Strossmayerja OSIJEK, CROATIA
13. University of RIJEKA, Medicinska fakulteta, CROATIA
14. University of SPLIT, Medicinska fakulteta, CROATIA
15. University of Bologna, ITALY
16. Insubria University of Varese and Como in Varese, ITALY
17. Università Degli Studi di GENOVA, ITALY
18. Università Degli Studi di PADOVA, ITALY
19. Università di PISA, ITALY
20. Sapienza Università di ROMA, ITALY
21. University of SASSARI, ITALY
22. University of TRIESTE, ITALY
23. Università Degli Studi Di Napoli Federico II, ITALY
24. University of LATVIA, LATVIA
25. Semmelweis University BUDAPEST, Faculty of Medicine, HUNGARY
26. University of DEBRECEN, Medical and Health Centre, HUNGARY
27. University of PÉCS, HUNGARY
28. University of SZEGED, Albert Szent-Györgyi Medical School, HUNGARY

29. SS Cyril and Methodius University Skopje, REPUBLIC OF NORTH MACEDONIA
30. University AACHEN Medical Faculty, GERMANY
31. Georg-August-Universität GÖTTINGEN, GERMANY
32. University of LEIPZIG, GERMANY
33. University of LÜBECK, GERMANY
34. Ludwig-Maximilian-University MÜNCHEN, GERMANY
35. Saarland University, GERMANY
36. Faculty of Medicine of the Eberhard Karls University TÜBINGEN, GERMANY
37. University of WÜRZBURG, GERMANY
38. University of Silesia in KATOWICE, POLAND
39. Jagiellonian University KRAKOW, POLAND
40. Jan Kochanowski University in KIELCE, POLAND
41. University of Medical Sciences POZNAN, POLAND
42. Medical University of WARSAW, POLAND
43. Faculty of Medicine of Lazarski University in Warsaw, POLAND
44. WROCLAW Medical University, POLAND
45. Nicolas Copernicus University in Torun, POLAND
46. University of COIMBRA, PORTUGAL
47. Faculty of Medicine of the University of LISBON, PORTUGAL
48. Faculty of Medicine of the University of PORTO, PORTUGAL
49. Abel Salazar Biomedical Sciences Institute (ICBAS) – University of Porto, PORTUGAL
50. University of Medicine and Pharmacy CLUJ-NAPOCA, ROMANIA
51. University of Medicine and Pharmacy of Craiova, ROMANIA
52. University »Apollonia«, ROMANIA
53. Comenius University in Bratislava, SLOVAKIA
54. Jessenius Faculty of Medicine CU in Martin, SLOVAKIA
55. Pavol Jozef Šafárik University in KOŠICE, SLOVAKIA
56. Universitat Internacional de CATALUNYA, SPAIN
57. University of MALAGA Faculty of Medicine, SPAIN
58. Univerzitet u Beogradu, SERBIA
59. Medicinska fakulteta Univerze v Nišu, SRBIJA

***Bilateral agreements within the Erasmus+ KA107 framework:***

1. Medical faculty of the University of Sarajevo (Erasmus+ KA107), BOSNIA AND HERZEGOVINA
2. Medical faculty of the University of Mostar (Erasmus+ KA107), BOSNIA AND HERZEGOVINA
3. University of Banja Luka (Erasmus+ KA107), BOSNIA AND HERZEGOVINA
4. JSC Medical University Astana (Erasmus+ KA107), ASTANA, KAZAHSTAN
5. Pirogov Russian National Research Medical University, Moscow (Erasmus+ KA107), RUSSIA
6. School of Medicine, V.N. Kharkiv National University, UKRAINE

***Other agreements with these faculties:***

1. The Hebrew University of Jerusalem, Faculty of Medicine, ISRAEL
2. Tel Aviv University, Sacler Faculty of Medicine, ISRAEL
3. VIT University, Vellore, INDIA
4. University of Pittsburgh, School of Medicine, USA
5. The National O. Bohomolets Medical University, UKRAINE

6. Case Western Reserve University CLEVELAND, USA  
University of Zurich, SWITZERLAND

### ***The programmes of mobility for students, higher education teachers and staff***

International cooperation in the EU within the field of education takes place through the Erasmus+ programme. The purpose of the Erasmus+ programme is student exchange in the respective field of study and traineeship abroad, as well as mobility of higher education teacher and other members of staff.

Every faculty of the University in Maribor that is active within the Erasmus+ programme has to ensure that all academic activities that students complete at foreign higher education institutions are recognised as if they completed them at the home institution. The Erasmus students must not fail the academic year and study obligations should not be extended due to their Erasmus exchange.

This is ensured by the Erasmus coordinator at the home institution prior to departure and by signing a special agreement. Though this the study completed abroad becomes an integral part of the study programme of the students at the home institutions. After the completion of the study abroad the host institution issues certificates of completed study courses to students and their home institution, based on which the home institution recognises the courses as passed. A student may apply to the Call for the study abroad if they meet basic criteria for acquiring the status "Erasmus student" that are specified by the programme:

- active student status at the University of Maribor
- enrollment into a minimum of second semester of 1st year (summer semester)
- study at host institution must last at least 2 months and may last up to 12 months
- a student has the possibility to use up to 12 months of mobility at each level of study, and may take part in mobility (study or traineeship) multiple times. Students of the unified master's study programme have a possibility to receive a grant for up to 24 months of exchange during their studies and one year after graduation.

Every home institution can set additional criteria (such as student motivation, international activity of the student, language proficiency, academic success, etc.) and choose appropriate candidates for allocated places, however, all criteria of the selection must be transparent, documented and accessible to all interested parties during the application procedure.

Exchange of higher education teachers has been going on since the establishment of the Faculty. Student mobility first started in the study year 2007/08 (Leipzig, Tuebingen, both Germany) and in study year 2008/2009 also received first foreign students (Hungary, Czech Republic).

## ***The mobility of students in Erasmus programme***

| <b>Study year</b> | <b>Number of outgoing students</b>  | <b>Number of incoming students</b> |
|-------------------|---|------------------------------------|
| 2004/2005         | -   | -                                  |
| 2005/2006         | -   | -                                  |
| 2006/2007         | -   | -                                  |
| 2007/2008         | 4   | -                                  |
| 2008/2009         | 9   | 4                                  |
| 2009/2010         | 24  | 7                                  |
| 2010/2011         | 33  | 9                                  |
| 2011/2012         | 15 study + 13 practice  | 15                                 |
| 2012/2013         | 19 study + 18 practice  | 18                                 |
| 2013/2014         | 17 study + 12 practice  | 17                                 |
| 2014/2015         | 13 study + 10 practice + 8 other than Erasmus+  | 26 + 3 other                       |
| 2015/2016         | 22 study + 17 practice + 9 other than Erasmus+  | 39 + 3 other                       |
| 2016/17           | 20 study + 14 practice (+2 young graduates) + 6 other than Erasmus+ and 3 to Russia   | 42 + 3 other                       |
| 2017/18           | 17 study + 8 Erasmus+ practice (+2 young graduates) + 2 other than Erasmus+ + 3 other | 45 + 3 other                       |
| 2018/19           | 24 study + 24 Erasmus+ practice   | 39                                 |
| 2019/20           | 21 study + 10 Erasmus+ practice + 2 other than Erasmus+                               | 35                                 |
| 2020/21           | 13 study + 8 practice   | 22                                 |
| 2021/22           | 9 study + 10 practice   | 49 + 16 other (KIP)                |
| 2022/23           | 18 study + 21 practice  | 45 + 17 other (KIP)                |

## The list of subjects with credit points

### Obligatory subjects

|     | SUBJECT  | SUBJECT HOLDERS  | ECTS |
|-----|--|--|------|
| 1.  | Anatomy with Histology and Embryology                        | Full Prof. Božena Pejković, MD, PhD  | 16   |
| 2.  | Anaesthesiology and pain management                          | Full Prof. Mirt Kamenik, MD, PhD   | 4    |
| 3.  | Biophysics   | Full Prof. Marko Marhl, PhD<br>Assist. Prof. Andrej Dobovišek, PhD                   | 4    |
| 4.  | Biochemistry   | Full Prof. Uroš Potočnik, PhD  | 6    |
| 5.  | Chemistry  | Assoc. Prof. Maša Knez Marevci, PhD  | 3    |
| 6.  | Cell Biology   | Assoc. Prof. Saška Lipovšek, UDB, PhD  | 7    |
| 7.  | Dermatovenerology  | Assist. Prof. Maruška Marovt, MD, PhD  | 4    |
| 8.  | Family Medicine I  | Full Prof. Zalika Klemenc Ketiš, MD, PhD<br>Assoc. Prof. Ksenija Tušek Bunc, MD, PhD | 6    |
| 9.  | Family Medicine II   | Ksenija Tušek Bunc, MD, PhD  | 6    |
| 10. | Ethics and legal aspects of medicine                         | Full Prof. Matjaž Zwitter, PhD   | 3    |
| 11. | Physical and Rehabilitation Medicine                         | Assoc. Prof. Breda Jesenšek Papež, MD, PhD   | 3    |
| 12. | Physiology   | Full Prof. Marjan Slak Rupnik, PhD<br>Assoc. Prof. Andraž Stožer, MD, PhD            | 20   |
| 13. | Pharmacology with Toxicology                                 | Full Prof. Sebastjan Bevc, PhD   | 10   |
| 14. | Gynecology and Obstetrics                                    | Full Prof. Iztok Takač, MD, PhD  | 10   |
| 15. | Gynaecology and Obstetrics - work with patients              | Full Prof. Iztok Takač, MD, PhD  | 3    |
| 16. | Infectious Diseases  | Assist. Prof. Nina Gorišek Miksić, MD, PhD   | 4    |
| 17. | Internal Medicine - working with patients                    | Full Prof. Radovan Hojs, MD, PhD<br>Full Prof. Ivan Krajnc, MD, PhD                  | 20   |
| 18. | Internal Medicine with Propedeutics                          | Full Prof. Ivan Krajnc, MD, PhD<br>Full Prof. Radovan Hojs, MD, PhD                  | 19   |
| 19. | Public Health and Epidemiology                               | Assist. Prof. Tit Albreht, PhD   | 5    |
| 20. | Surgery  | Assist. Prof. Miha Antonič, MD, PhD<br>Full Prof. Anton Crnjac, MD, PhD              | 14   |
| 21. | Surgery - working with patients                              | Full Prof. Anton Crnjac, MD, PhD   | 12   |
| 22. | Clinical Biochemistry  | Assist. Prof. Evgenija Homšak, PhD   | 3    |
| 23. | Clinical Pharmacology  | Full Prof. Sebastjan Bevc, MD, PhD   | 3    |
| 24. | Medical informatics, e-Health and medical statistics         | Full Prof. Dejan Dinevski, PhD<br>Assist. Prof. Petra Povalej Bržan, PhD             | 3    |
| 25. | Methods of research work in medicine with medical statistics | Full Prof. Pavel Skok, MD, PhD   | 4    |
| 26. | Microbiology with Immunology                                 | Full Prof. Maja Rupnik, UDB, PhD   | 7    |
| 27. | Molecular Biology with Genetics                              | Full Prof. Nadja Kokalj Vokač, UDB, PhD  | 5    |
| 28. | Neurosurgery   | Assist. Prof. Janez Ravnik, MD, PhD  | 3    |
| 29. | Neurology  | Full Prof. Tanja Hojs Fabjan, MD, PhD  | 7    |

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| 30. | Evidence-based medicine   | Assoc. Prof. Uroš Maver, PhD<br>Assist. Prof. Eva Turk (Republic Finland)  | 4  |
| 31. | Evidence-based medicine – health-care economics, patient safety, quality in health care   | Assist. Prof. Eva Turk, PhD (Republic Finland)<br>Assoc. Prof. Uroš Maver, PhD   | 4  |
| 32. | Ophthalmology   | Full Prof. Dušica Pahor, MD, PhD   | 5  |
| 33. | Oncology and palliative medicine  | Full Prof. Marko Hočevar, MD, PhD<br>Assoc. Prof. Irena Oblak, MD, PhD   | 6  |
| 34. | Orthopaedics  | Full Prof. Matjaž Vogrin, MD, PhD<br>Assoc. Prof. Samo K. Fokter, MD, PhD  | 3  |
| 35. | Otorhinolaryngology with the basics of maxillofacial surgery  | Assoc. Prof. Janez Rebol, MD, PhD  | 7  |
| 36. | Pathology I (general pathology)   | Assoc. Prof. Veronika Kloboves Prevodnik, MD, PhD  | 3  |
| 37. | Pathology - special pathology   | Assoc. Prof. Veronika Kloboves Prevodnik, MD, PhD  | 6  |
| 38. | PBL – Preclinic I   | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 39. | PBL - Preclinic II  | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 40. | PBL – Preclinic III   | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 41. | PBL – Preclinic IV  | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 42. | PBL – Clinics V   | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 43. | PBL – Clinics VI  | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 44. | PBL – Clinics VII   | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 45. | PBL – Clinics VIII  | Full Prof. Radovan Hojs, MD, PhD   | 3  |
| 46. | Psychiatry  | Assoc. Prof. Hojka Gregorič Kumperščak, MD, PhD  | 8  |
| 47. | Paediatrics with clinical genetics  | Full Prof. Nataša Marčun Varda, MD, PhD<br>Assoc. Prof. Vojko Berce, MD, PhD   | 14 |
| 48. | Paediatrics - working with patients   | Full Prof. Nataša Marčun Varda, MD, PhD<br>Assoc. Prof. Jernej Dolinšek, MD, PhD   | 7  |
| 49. | Radiology   | Assoc. Prof. Tomaž Šeruga, MD, PhD   | 3  |
| 50. | Forensic Medicine   | Full Prof. Jože Balažič, MD, PhD   | 3  |
| 51. | Emergency Medicine  | Assoc. Prof. Matej Strnad, MD, PhD   | 3  |
| 52. | Introduction to Medicine<br>- First aid<br>- History of Medicine<br>- Medical terminology<br>- Early clinical contact with patients | Assoc. Prof. Dušan Mekiš, MD, PhD<br>Assoc. Prof. Dušan Mekiš, MD, PhD<br><br>Assoc. Prof. Aleš Maver, PhD<br>Assist. Prof. Vojislav Ivetić, MD, PhD | 3  |
| 53. | Environmental Influences and Health<br>- Environmental Medicine<br>- Geriatrics<br>- Clinical Nutrition                             | Full Prof. Ivan Eržen, MD, PhD<br>Full Prof. Ivan Eržen, MD, PhD<br>Full Prof. Radovan Hojs, MD, PhD<br>Full Prof. Dušanka Mičetić Turk, MD, PhD     | 4  |
| 54. | Health Psychology   | Assoc. Prof. Polona Selič-Zupančič, PhD  | 4  |



**Table 13: Elective courses**

|     | <b>SUBJECT</b>   | <b>SUBJECT HOLDER</b>   | <b>ECTS</b> |
|-----|--|---|-------------|
| 1.  | Selected Topics and Innovation in Biophysics and Medical Physics                   | Full Prof. Marko Marhl, PhD   | 3           |
| 2.  | Selected Topics and Innovation in Biochemistry                                     | Full Prof. Uroš Potočnik, PhD   | 3           |
| 3.  | Selected Topics and Innovation in Molecular Biology                                | Full Prof. Uroš Potočnik, PhD   | 3           |
| 4.  | Selected Topics and Innovation in Genetics and Genomics in Medicine                | Full Prof. Uroš Potočnik, PhD   | 3           |
| 5.  | Selected Topics and Innovation in Anatomy  | Full Prof. Božena Pejković, MD, PhD   | 3           |
| 6.  | Medicine and Sport 1   | Full Prof. Matjaž Vogrin, MD, PhD   | 3           |
| 7.  | Basics of Law and Economics in Health Service                                      | Full Prof. Borut Bratina, PhD<br>Full Prof. Žan Jan Oplotnik, PhD           | 3           |
| 8.  | Selected Topics and Innovation in Histology and Embryology                         | Full Prof. Draga Štiblar Martinčič, MD, PhD                                 | 3           |
| 9.  | Selected Topics and Innovation in Physiology                                       | Full Prof. Marjan Slak Rupnik, PhD<br>Assoc. Prof. Andraž Stožer, MD, PhD   | 3           |
| 10. | Selected Topics and Innovation in Microbiology                                     | Full Prof. dr. Maja Rupnik, UDB, PhD  | 3           |
| 11. | Selected Topics and Innovation in Medical Information Science                      | Full Prof. Dejan Dinevski, MD, PhD  | 3           |
| 12. | Selected Topics and Innovation in Pharmacology                                     | Full Prof. Sebastjan Bevc, MD, PhD  | 3           |
| 13. | Selected Topics and Innovation in Internal Medicine                                | Full Prof. Breda Pečovnik Balon, MD, PhD<br>Full Prof. Ivan Krajnc, MD, PhD | 3           |
| 14. | Selected Topics and Innovation in Surgery  | Full Prof. Anton Crnjac, MD, PhD  | 3           |
| 15. | Selected Topics and Innovation in Radiology  | Assoc. Prof. Tomaž Šeruga, MD, PhD  | 3           |
| 16. | Selected Topics and Innovation Paediatrics   | Full Prof. Dušanka Mičetić Turk, MD, PhD                                    | 3           |
| 17. | Selected Topics and Innovation in Family Medicine                                  | Assoc. Prof. Ksenija Tušek Bunc, MD, PhD                                    | 3           |
| 18. | Selected Topics and Innovation in Ophthalmology                                    | Full Prof. Dušica Pahor, MD, PhD  | 3           |
| 19. | Selected Topics and Innovation in Anaesthesiology                                  | Full Prof. Mirt Kamenik, MD, PhD  | 3           |
| 20. | Selected Topics and Innovation in Pathology  | Assoc. Prof. Veronika Kloboves Prevodnik, MD, PhD                           | 3           |
| 21. | Selected Topics and Innovation in Medical Ethics and Law                           | Full Prof. Matjaž Zwitter, MD, PhD  | 3           |
| 22. | Selected Topics and Innovation in Otorhinolaryngology and Surgery of Head and Neck | Assoc. Prof. Janez Rebol, MD, PhD   | 3           |
| 23. | Selected Topics and Innovation in Emergency Medicine                               | Assoc. Prof. Dušan Mekiš, MD, PhD   | 3           |

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|-----|---|---|---|
| 24. | Selected Topics and Innovation in Gynaecology and Obstetrics                        | Full Prof. Iztok Takač, MD, PhD   | 3 |
| 25. | Selected Topics and Innovation in Public Health                                     | Full Prof. Ivan Eržen, MD, PhD  | 3 |
| 26. | Selected Topics and Innovation in Neurology   | Full Prof. Tanja Hojs Fabjan, MD, PhD                                       | 3 |
| 27. | Selected Topics and Innovation in Dermatovenerology                                 | Assist. Prof. Maruška Marovt, MD, PhD                                       | 3 |
| 28. | Selected Topics and Innovation in Psychiatry  | Assoc. Prof. Hojka Gregorič Kumperščak, MD, PhD                             | 3 |
| 29. | Selected Topics and Innovation in Geriatrics  | Full Prof. Radovan Hojs, MD, PhD<br>Assoc. Prof. Marjan Skalicky, MD, PhD   | 3 |
| 30. | Surgical Views on Medicine in Extreme Conditions                                    | Assoc. Prof. Andrej Čretnik, MD, PhD  | 3 |
| 31. | Selected Topics and Innovation in Oncology and Radiotherapy                         | Full Prof. Marko Hočevar, MD, PhD   | 3 |
| 32. | Tropical medicine   | Assist. Prof. Nina Gorišek Miksić, MD, PhD                                  | 3 |
| 33. | Selected topics and novelties in propedeutics                                       | Full Prof. Sebastjan Bevc, MD, PhD  | 3 |
| 34. | Communication in Medicine   | Assoc. Prof. Andrej Naterer, MD, PhD  | 3 |
| 35. | Medicine and sport 2  | Full Prof. Matjaž Vogrin, MD, PhD   | 3 |
| 36. | Medical technology  | Full Prof. Miljenko Križmarič, PhD, PhD<br>Full Prof. Mirt Kamenik, MD, PhD | 3 |
| 37. | Simulation of Endoscopic and Ultrasound Examination in Internal Medicine            | Assoc. Prof. Marjan Skalicky, MD, PhD                                       | 3 |
| 38. | Basics of Palliative medicine and Palliative Care                                   | Assist. Prof. Nevenka Krčevski Škvarč, MD, PhD                              | 3 |
| 39. | Beginning and the types of pain and appropriate management of the patient with pain | Assist. Prof. Nevenka Krčevski Škvarč, MD, PhD                              | 3 |
| 40. | Communication and relationship building between physician and patient               | Full Prof. Zalika Klemenc Ketiš   | 3 |
| 41. | English for Medicine  | Full Prof. Nada Šabec   | 3 |
| 42. | Evidence based medicine   | Assoc. Prof. Uroš Maver<br>Assist. Prof. Eva Turk (Republic Finland)        | 3 |
| 43. | Applied statistics in medicine  | Assist. Prof. Petra Povalej Bržan, PhD                                      | 3 |
| 44. | Clinical nutrition 1  | Full Prof. Dušanka Mičetić Turk, MD, PhD                                    | 3 |
| 45. | Care for the patient coming from a different socio-cultural background              | Assist. Prof. Erika Zelko, MD, PhD  | 3 |
| 46. | Fundamentals of medical technology  | Full Prof. Miljenko Križmarič, PhD, PhD                                     | 3 |
| 47. | Adolescent medicine   | Full Prof. Dušanka Mičetić Turk, MD, PhD                                    | 3 |

In the first and second study year, the elective courses are extended topics of preclinical subjects, in the third, fourth, fifth and sixth study year, the elective courses are extended topics of clinical subjects.

Elective courses are carried out only if 10 or more students choose them.

If an elective course is offered in more than one study year, students can choose it once in the six years of studies.

**The type and parts of subjects in regard to their inclusion in the programme structure**

**The subject list**

**1<sup>st</sup> year, 1<sup>st</sup> semester**

| No.   | Subject   | Subject holder               | CH  |     |     |    |   | Other study forms | IW  | Hours total | ECTS |
|-------|---|------------------------------|-----|-----|-----|----|---|-------------------|-----|-------------|------|
|       |   |                              | LEC | SE  | LP  | CP |   |                   |     |             |      |
| 1     | Anatomy with Histology and Embryology   | PEJKOVIĆ BOŽENA              | 45  | 20  | 60  | 0  | 0 | 115               | 240 | 8           |      |
| 2     | Chemistry   | KNEZ HRNČIČ MAŠA             | 30  | 0   | 30  | 0  | 0 | 30                | 90  | 3           |      |
| 3     | Biochemistry  | POTOČNIK UROŠ                | 45  | 45  | 30  | 0  | 0 | 60                | 180 | 6           |      |
| 4     | Biophysics  | MARHL MARKO DOBOVIŠEK ANDREJ | 15  | 15  | 30  | 0  | 0 | 60                | 120 | 4           |      |
| 5     | PBL - Preclinic I   | HOJS RADOVAN                 | 0   | 45  | 0   | 0  | 0 | 45                | 90  | 3           |      |
| 6     | Introduction to Medicine<br><ul style="list-style-type: none"> <li>• First Aid</li> <li>• History of Medicine</li> <li>• Terminology</li> <li>• Early clinical contact with patients</li> </ul> | MEKIŠ DUŠAN                  | 25  | 15  | 30  | 0  | 0 | 20                | 90  | 3           |      |
|       |   | MEKIŠ DUŠAN                  | 15  | 0   | 30  |    |   |                   |     |             |      |
|       |   |                              | 5   | 0   | 0   |    |   |                   |     |             |      |
|       |   | MAVER ALEŠ IVETIĆ VOJISLAV   | 5   | 0   | 0   |    |   |                   |     |             |      |
|       |   |                              | 0   | 15  | 0   |    |   |                   |     |             |      |
| 7     | Elective course I*  |                              | 5   | 40  | 0   | 0  | 0 | 45                | 90  | 3           |      |
| TOTAL |   |                              | 165 | 180 | 180 | 0  | 0 | 375               | 900 | 30          |      |

**1<sup>st</sup> year, 2<sup>nd</sup> semester**

| No.   | Subject  | Subject holder     | CH  |     |     |    |   | Other study forms | IW  | Hours total | ECTS |
|-------|--|--------------------|-----|-----|-----|----|---|-------------------|-----|-------------|------|
|       |  |                    | LEC | SE  | LP  | CP |   |                   |     |             |      |
| 1     | Anatomy with Histology and Embryology                        | PEJKOVIĆ BOŽENA    | 45  | 25  | 60  | 0  | 0 | 110               | 240 | 8           |      |
| 8     | Cell biology   | LIPOVŠEK SAŠKA     | 45  | 30  | 45  | 0  | 0 | 90                | 210 | 7           |      |
| 9     | Molecular Biology with Genetics                              | KOKALJ VOKAČ NADJA | 30  | 15  | 15  | 0  | 0 | 90                | 150 | 5           |      |
| 10    | Methods of research work in medicine with medical statistics | SKOK PAVEL         | 20  | 10  | 30  | 0  | 0 | 60                | 120 | 4           |      |
| 11    | PBL - Preclinic II   | HOJS RADOVAN       | 0   | 45  | 0   | 0  | 0 | 45                | 90  | 3           |      |
| 12    | Elective course II*  |                    | 5   | 40  | 0   | 0  | 0 | 45                | 90  | 3           |      |
| Total |  |                    | 145 | 165 | 150 | 0  | 0 | 440               | 900 | 30          |      |

\*Elective courses I and II: the layout of hours is valid only if students do not choose the elective course Medicine and Sport 1 or Selected Topics and Innovation in Histology and Embryology.

**Selective subjects 1<sup>st</sup> year, 1<sup>st</sup> semester**

| No. | Subject  | Subject holder                       | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|--|--------------------------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |  |                                      | LEC | SE | LP | CP |   |                   |    |             |      |
| 1   | Selected Topics and Innovation in Biophysics and Medical Physics | MARHL MARKO                          | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 2   | Selected Topics and Innovation in Biochemistry                   | POTOČNIK UROŠ                        | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 3   | Basics of Law and Economics in Health Care                       | BRATINA BORUT<br>OPLOTNIK ŽAN<br>JAN | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

|   |                                    |                       |    |    |    |   |   |    |    |   |
|---|------------------------------------|-----------------------|----|----|----|---|---|----|----|---|
| 4 | Medicine and Sport 1               | VOGRIN<br>MATJAŽ      | 25 | 0  | 20 | 0 | 0 | 45 | 90 | 3 |
| 5 | Fundamentals of medical technology | KRIŽMARIČ<br>MILJENKO | 5  | 40 | 0  | 0 | 0 | 45 | 90 | 3 |

### Selective subjects 1<sup>st</sup> year, 2<sup>st</sup> semester

| No. | Subject  | Subject holder                | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|--|-------------------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |  |                               | LEC | SE | LP | CP |   |                   |    |             |      |
| 6   | Selected topics and novelties in anatomy                           | PEJKOVIĆ<br>BOŽENA            | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 7   | Selected topics and novelties in molecular biology                 | POTOČNIK<br>UROŠ              | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 8   | Selected topics and novelties in genetics and genomics in medicine | POTOČNIK<br>UROŠ              | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 9   | Selected topics and novelties in histology and embryology          | ŠTIBLAR<br>MARTINČIČ<br>DRAGA | 5   | 35 | 5  | 0  | 0 | 45                | 90 | 3           |      |

### 2<sup>nd</sup> year, 3<sup>rd</sup> semester

| No. | Subject  | Subject holder                              | CH  |    |     |    |   | Other study forms | IW  | Hours total | ECTS |
|-----|--|---|-----|----|-----|----|---|-------------------|-----|-------------|------|
|     |  |   | LEC | SE | LP  | CP |   |                   |     |             |      |
| 13  | Physiology   | SLAK RUPNIK<br>MARJAN<br>STOŽER<br>ANDRAŽ   | 60  | 30 | 120 | 0  | 0 | 180               | 390 | 13          |      |
| 14  | Microbiology with Immunology*                        | RUPNIK MAJA                                 | 45  | 30 | 60  | 0  | 0 | 75                | 210 | 7           |      |
| 15  | Health Psychology                                    | POLONA<br>SELIČ-<br>ZUPANČIČ                | 60  | 30 | 20  | 0  | 0 | 10                | 120 | 4           |      |
| 16  | Medical informatics, e-Health and medical statistics | DINEVSKI<br>DEJAN<br>POVALEJ<br>BRŽAN PETRA | 20  | 10 | 30  | 0  | 0 | 30                | 90  | 3           |      |

|       |                     |                 |     |     |     |   |   |     |     |    |
|-------|---------------------|-----------------|-----|-----|-----|---|---|-----|-----|----|
| 17    | PBL - preclinic III | HOJS<br>RADOVAN | 0   | 45  | 0   | 0 | 0 | 45  | 90  | 3  |
| Total |                     |                 | 185 | 145 | 230 | 0 | 0 | 340 | 900 | 30 |

\*Microbiology with immunology: 60 hours of laboratory work will be carried out as 15 hours of seminar work and 45 hours of laboratory work.

### 2<sup>nd</sup> year, 4<sup>th</sup> semester

| No.   | Subject                         | Subject holder                            | CH  |     |     |    |                   | IW  | Hours total | ECTS |
|-------|---------------------------------|---|-----|-----|-----|----|-------------------|-----|-------------|------|
|       |                                 |   | LEC | SE  | LP  | CP | Other study forms |     |             |      |
| 13    | Physiology                      | SLAK RUPNIK<br>MARJAN<br>STOŽER<br>ANDRAŽ | 50  | 0   | 60  | 0  | 0                 | 100 | 210         | 7    |
| 18    | Pharmacology with Toxicology    | BEVC<br>SEBASTJAN                         | 57  | 53  | 10  | 0  | 0                 | 180 | 300         | 10   |
| 19    | Evidence-based medicine         | MAVER UROŠ<br>TURK EVA                    | 15  | 15  | 15  | 0  | 0                 | 75  | 120         | 4    |
| 20    | Pathology I (General Pathology) | KLOBOVES<br>PREVODNIK<br>VERONIKA         | 22  | 20  | 18  | 0  | 0                 | 30  | 90          | 3    |
| 21    | PBL - Preclinic IV              | HOJS<br>RADOVAN                           | 0   | 45  | 0   | 0  | 0                 | 45  | 90          | 3    |
| 22    | Elective course III**           |   | 5   | 40  | 0   | 0  | 0                 | 45  | 90          | 3    |
| Total |                                 |   | 149 | 173 | 103 | 0  | 0                 | 475 | 900         | 30   |

\*\*Elective course III: the layout of hours is valid only if students do not choose the elective course Selected topics and Innovation in Pharmacology, Applied statistics in medicine or Communication in Medicine.

**Elective courses 2<sup>nd</sup> year**

| No. | Subject   | Subject holder                            | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|---|---|-----|----|----|----|---|-------------------|----|-------------|------|
|     |   |   | LEC | SE | LP | CP |   |                   |    |             |      |
| 1   | Selected Topics and Innovation in Physiology                  | SLAK RUPNIK<br>MARJAN<br>STOŽER<br>ANDRAŽ | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 2   | Selected Topics and Innovation in Microbiology                | RUPNIK MAJA                               | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 3   | Selected Topics and Innovation in Medical Information Science | DINEVSKI<br>DEJAN                         | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 4   | Selected Topics and Innovation in Pharmacology                | BEVC<br>SEBASTJAN                         | 2   | 40 | 3  | 0  | 0 | 45                | 90 | 3           |      |
| 5   | Communication in Medicine                                     | NATERER<br>ANDREJ                         | 20  | 25 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 6   | Applied statistics in medicine                                | POVALEJ<br>BRŽAN PETRA                    | 20  | 10 | 30 | 0  | 0 | 45                | 90 | 3           |      |
| 7   | Fundamentals of medical technology                            | KRIŽMARIČ<br>MILJENKO                     | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

**3<sup>rd</sup> year, 5<sup>th</sup> semester**

| No. | Subject                             | Subject holder                     | CH  |    |    |    |   | Other study forms | IW  | Hours total | ECTS |
|-----|-------------------------------------|------------------------------------|-----|----|----|----|---|-------------------|-----|-------------|------|
|     |                                     |                                    | LEC | SE | LP | CP |   |                   |     |             |      |
| 23  | Internal Medicine with Propedeutics | KRAJNC IVAN<br>HOJS<br>RADOVAN     | 45  | 45 | 0  | 49 | 0 | 131               | 270 | 9           |      |
| 24  | Surgery                             | ANTONIČ<br>MIHA<br>CRNJAC<br>ANTON | 25  | 40 | 0  | 30 | 0 | 85                | 180 | 6           |      |

|       |                                  |                                   |     |     |    |     |   |     |     |    |
|-------|----------------------------------|-----------------------------------|-----|-----|----|-----|---|-----|-----|----|
| 25    | Pathology II - special pathology | KLOBOVES<br>PREVODNIK<br>VERONIKA | 15  | 20  | 25 | 0   | 0 | 30  | 90  | 3  |
| 26    | Radiology                        | ŠERUGA<br>TOMAŽ                   | 15  | 15  | 0  | 30  | 0 | 30  | 90  | 3  |
| 27    | Clinical Biochemistry            | HOMŠAK<br>EVGENIJA                | 15  | 15  | 0  | 30  | 0 | 30  | 90  | 3  |
| 28    | PBL - Clinic V                   | HOJS<br>RADOVAN                   | 0   | 45  | 0  | 0   | 0 | 45  | 90  | 3  |
| 29    | Elective course IV*              |                                   | 5   | 40  | 0  | 0   | 0 | 45  | 90  | 3  |
| Total |                                  |                                   | 120 | 220 | 25 | 139 | 0 | 396 | 900 | 30 |

### **3<sup>rd</sup> year, 6<sup>th</sup> semester**

| No.   | Subject                             | Subject holder                        | CH  |     |    |    |   | Other study forms | IW  | Hours total | ECTS |
|-------|-------------------------------------|---------------------------------------|-----|-----|----|----|---|-------------------|-----|-------------|------|
|       |                                     |                                       | LEC | SE  | LP | CP |   |                   |     |             |      |
| 23    | Internal Medicine with Propedeutics | KRAJNC IVAN<br>HOJS<br>RADOVAN        | 58  | 58  | 0  | 30 | 0 | 154               | 300 | 10          |      |
| 24    | Surgery                             | ANTONIČ<br>MIHA<br>CRNJAC<br>ANTON    | 30  | 65  | 0  | 45 | 0 | 100               | 240 | 8           |      |
| 25    | Pathology - special pathology       | KLOBOVES<br>PREVODNIK<br>VERONIKA     | 15  | 25  | 20 | 0  | 0 | 30                | 90  | 3           |      |
| 30    | Orthopedics                         | VOGRIN<br>MATJAŽ<br>FOKTER K.<br>SAMO | 15  | 15  | 0  | 15 | 0 | 45                | 90  | 3           |      |
| 31    | PBL - Clinics VI                    | HOJS<br>RADOVAN                       | 0   | 45  | 0  | 0  | 0 | 45                | 90  | 3           |      |
| 32    | Elective course V*                  |                                       | 5   | 40  | 0  | 0  | 0 | 45                | 90  | 3           |      |
| Total |                                     |                                       | 123 | 248 | 20 | 90 | 0 | 419               | 900 | 30          |      |

\*Elective course IV and V: the layout of hours is valid only if students do not choose the elective course Selected topics and novelties in propedeutics or Communication in Medicine.

### **Elective courses 3<sup>rd</sup> year, 5<sup>th</sup> semester**



| No. | Subject  | Subject holder       | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|--|----------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |  |                      | LEC | SE | LP | CP |   |                   |    |             |      |
| 1   | Communication in Medicine  | NATERER ANDREJ       | 20  | 25 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 2   | Selected Topics and Innovation in Radiology                              | ŠERUGA TOMAŽ         | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 3   | Simulation of Endoscopic and Ultrasound Examination in Internal Medicine | SKALICKY MARJAN      | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 4   | Clinical nutrition 1   | MIČETIĆ TURK DUŠANKA | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

#### Elective courses 3<sup>rd</sup> year, 6<sup>th</sup> semester

| No. | Subject  | Subject holder                   | CH  |    |    |    |    | Other study forms | IW | Hours total | ECTS |
|-----|--|----------------------------------|-----|----|----|----|----|-------------------|----|-------------|------|
|     |  |                                  | LEC | SE | LP | CP |    |                   |    |             |      |
| 5   | Selected topics and novelties in internal medicine | PEČOVNIK BALON BREDA KRAJNC IVAN | 5   | 40 | 0  | 0  | 0  | 45                | 90 | 3           |      |
| 6   | Selected topics and novelties in surgery           | CRNJAC ANTON                     | 5   | 40 | 0  | 0  | 0  | 45                | 90 | 3           |      |
| 7   | Selected topics and novelties in propedeutics      | BEVC SEBASTJAN                   | 0   | 5  | 0  | 0  | 46 | 39                | 90 | 3           |      |
| 8   | Selected topics and novelties in pathology         | KLOBOVES PREVODNIK VERONIKA      | 5   | 40 | 0  | 0  | 0  | 45                | 90 | 3           |      |

#### 4<sup>th</sup> year, 7<sup>th</sup> semester

| No. | Subject | Subject holder | CH  |    |    |    |  | Other study forms | IW | Hours total | ECTS |
|-----|---------|----------------|-----|----|----|----|--|-------------------|----|-------------|------|
|     |         |                | LEC | SE | LP | CP |  |                   |    |             |      |

|       |  |                           |     |     |   |     |   |     |     |    |
|-------|--|---------------------------|-----|-----|---|-----|---|-----|-----|----|
| 33    | Neurology  | HOJS FABJAN TANJA         | 45  | 45  | 0 | 20  | 0 | 100 | 210 | 7  |
| 34    | Psychiatry   | GREGORIČ KUMPERŠČAK HOJKA | 30  | 75  | 0 | 30  | 0 | 105 | 240 | 8  |
| 35    | Otorhinolaryngology with the basics of maxillofacial surgery | REBOL JANEZ               | 60  | 40  | 0 | 40  | 0 | 70  | 210 | 7  |
| 36    | Ophthalmology  | PAHOR DUŠICA              | 20  | 25  | 0 | 30  | 0 | 75  | 150 | 5  |
| 37    | Elective course VI*  |                           | 5   | 40  | 0 | 0   | 0 | 45  | 90  | 3  |
| Total |  |                           | 160 | 225 | 0 | 120 | 0 | 395 | 900 | 30 |

#### **4<sup>th</sup> year, 8<sup>th</sup> semester**

| No.   | Subject                              | Subject holder       | CH  |     |    |     |   | Other study forms | IW  | Hours total | ECTS |
|-------|--------------------------------------|----------------------|-----|-----|----|-----|---|-------------------|-----|-------------|------|
|       |                                      |                      | LEC | SE  | LP | CP  |   |                   |     |             |      |
| 38    | Anaesthesiology and pain management  | KAMENIK MIRT         | 20  | 20  | 0  | 20  | 0 | 60                | 120 | 4           |      |
| 39    | Ethics and legal aspects of medicine | ZWITTER MATJAŽ       | 15  | 30  | 0  | 0   | 0 | 45                | 90  | 3           |      |
| 40    | Family Medicine I                    | TUŠEK BUNC KSENIJA   | 15  | 30  | 0  | 60  | 0 | 75                | 180 | 6           |      |
| 41    | Physical and Rehabilitation Medicine | JESENŠEK PAPEŽ BREDA | 15  | 15  | 0  | 15  | 0 | 45                | 90  | 3           |      |
| 42    | Public Health and Epidemiology       | ALBREHT TIT          | 25  | 30  | 0  | 15  | 0 | 80                | 150 | 5           |      |
| 43    | PBL - Clinics VII                    | HOJS RADOVAN         | 0   | 45  | 0  | 0   | 0 | 45                | 90  | 3           |      |
| 44    | Neurosurgery                         | RAVNIK JANEZ         | 15  | 30  | 0  | 0   | 0 | 45                | 90  | 3           |      |
| 45    | Elective course VII*                 |                      | 5   | 40  | 0  | 0   | 0 | 45                | 90  | 3           |      |
| Total |                                      |                      | 110 | 240 | 0  | 110 | 0 | 440               | 900 | 30          |      |

\*Elective courses VI and VII: the layout of hours is valid only if students do not choose the elective courses Medicine and Sport 2 or Communication in Medicine.

#### **Elective course 4<sup>th</sup> year, 7<sup>th</sup> semester**

January 2024

| No. | Subject   | Subject holder                     | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|---|------------------------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |   |                                    | LEC | SE | LP | CP |   |                   |    |             |      |
| 1   | Communication in Medicine   | NATERER ANDREJ                     | 20  | 25 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 2   | Medicine and Sport 2  | VOGRIN MATJAŽ                      | 25  | 0  | 20 | 0  | 0 | 45                | 90 | 3           |      |
| 3   | Simulation of Endoscopic and Ultrasound Examination in Internal Medicine            | SKALICKY MARJAN                    | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 4   | Medical technology  | KRIŽMARIĆ MILJENKO<br>KAMENIK MIRT | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 5   | Basics of Palliative medicine and Palliative Care                                   | KRČEVSKI ŠKVARČ NEVENKA            | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 6   | Beginning and the types of pain and appropriate management of the patient with pain | KRČEVSKI ŠKVARČ NEVENKA            | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 7   | English for medicine  | ŠABEC NADA                         | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 8   | Evidence based medicine – selected topics   | MAVER UROŠ<br>TURK EVA             | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

#### **Elective courses 4<sup>th</sup> year, 8<sup>th</sup> semester**

| No. | Subject  | Subject holder        | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|--|-----------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |  |                       | LEC | SE | LP | CP |   |                   |    |             |      |
| 9   | Selected topics and novelties in neurology       | HOJS FABJAN<br>TANJA  | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 10  | Selected topics and novelties in family medicine | TUŠEK BUNC<br>KSENIJA | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

|    |   |                           |   |    |   |   |   |    |    |   |
|----|---|---------------------------|---|----|---|---|---|----|----|---|
| 11 | Selected topics and novelties in ophthalmology                                    | PAHOR DUŠICA              | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 12 | Selected topics and novelties in psychiatry                                       | GREGORIČ KUMPERŠČAK HOJKA | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 13 | Selected topics and novelties in medical ethics and law                           | ZWITTER MATJAŽ            | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 14 | Selected topics and novelties in otorhinolaryngology and surgery of head and neck | REBOL JANEZ               | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 15 | Selected topics and novelties in public health                                    | ERŽEN IVAN                | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |

#### 5<sup>th</sup> year, 9<sup>th</sup> semester

| No. | Subject                             | Subject holder               | CH  |    |    |    |   | Other study forms | IW  | Hours total | ECTS |
|-----|-------------------------------------|------------------------------|-----|----|----|----|---|-------------------|-----|-------------|------|
|     |                                     |                              | LEC | SE | LP | CP |   |                   |     |             |      |
| 46  | Oncology and palliative medicine    | HOČEVAR MARKO<br>OBLAK IRENA | 30  | 30 | 0  | 30 | 0 | 90                | 180 | 6           |      |
| 47  | Environmental Influences and Health | ERŽEN IVAN                   | 25  | 20 | 15 | 0  | 0 | 60                | 120 | 4           |      |
|     | - Enviromental Medicine             | ERŽEN IVAN                   | 10  | 10 | 10 | 0  |   |                   |     |             |      |
|     | - Geriatrics                        | HOJS RADOVAN                 | 5   | 10 | 0  | 0  |   |                   |     |             |      |
|     | - Clinical Nutrition                | MIČETIĆ TURK DUŠANKA         | 10  | 0  | 5  | 0  |   |                   |     |             |      |
| 48  | Infectious Diseases                 | GORIŠEK MIKSIĆ NINA          | 15  | 30 | 0  | 15 | 0 | 60                | 120 | 4           |      |
| 49  | Dermatovenerology                   | MAROVČ MARUŠKA               | 15  | 30 | 0  | 15 | 0 | 60                | 120 | 4           |      |
| 50  | Forensic Medicine                   | BALAŽIĆ JOŽEF                | 15  | 30 | 0  | 15 | 0 | 30                | 90  | 3           |      |

|       |                       |                   |     |     |    |    |   |     |     |    |
|-------|-----------------------|-------------------|-----|-----|----|----|---|-----|-----|----|
| 51    | Clinical Pharmacology | BEVC<br>SEBASTJAN | 15  | 30  | 0  | 0  | 0 | 45  | 90  | 3  |
| 52    | Emergency Medicine**  | STRNAD<br>MATEJ   | 10  | 20  | 0  | 15 | 0 | 45  | 90  | 3  |
| 53    | Elective course VIII* |                   | 5   | 40  | 0  | 0  | 0 | 45  | 90  | 3  |
| Total |                       |                   | 130 | 230 | 15 | 90 | 0 | 435 | 900 | 30 |

\*\*Emergency medicine- 15 hours is carried out as practicum.

#### **5<sup>th</sup> year, 10<sup>th</sup> semester**

| No.   | Subject                            | Subject holder                           | CH  |     |    |     |   | Other study forms | IW  | Hours total | ECTS |
|-------|------------------------------------|--|-----|-----|----|-----|---|-------------------|-----|-------------|------|
|       |                                    |  | LEC | SE  | LP | CP  |   |                   |     |             |      |
| 54    | Paediatrics with clinical genetics | MARČUN<br>VARDA<br>NATAŠA<br>BERCE VOJKO | 45  | 75  | 0  | 90  | 0 | 210               | 420 | 14          |      |
| 55    | Gynaecology and Obstetrics         | TAKAČ IZTOK                              | 45  | 75  | 0  | 75  | 0 | 105               | 300 | 10          |      |
| 56    | PBL – Clinics VIII                 | HOJS<br>RADOVAN                          | 0   | 45  | 0  | 0   | 0 | 45                | 90  | 3           |      |
| 57    | Elective course IX*                |  | 5   | 40  | 0  | 0   | 0 | 45                | 90  | 3           |      |
| Total |                                    |  | 95  | 235 | 0  | 165 | 0 | 405               | 900 | 30          |      |

\*Elective courses VIII and IX: the layout of hours is valid only if students do not choose the elective courses Medicine and Sport 2 or Care for the patient coming from a different socio-cultural background.

#### **Elective courses 5<sup>th</sup> year, 9<sup>th</sup> semester**

| No. | Subject                                 | Subject holder     | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|---|--------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |   |                    | LEC | SE | LP | CP |   |                   |    |             |      |
| 1   | Communication in Medicine               | NATERER<br>ANDREJ  | 20  | 25 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 2   | Simulation of Endoscopic and Ultrasound | SKALICKY<br>MARJAN | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

|   |   |                                       |    |    |    |   |   |    |    |   |
|---|---|---------------------------------------|----|----|----|---|---|----|----|---|
|   | Examination in Internal Medicine  |                                       |    |    |    |   |   |    |    |   |
| 3 | Medicine and Sport 2  | VOGRIN<br>MATJAŽ                      | 25 | 0  | 20 | 0 | 0 | 45 | 90 | 3 |
| 4 | Medical technology  | KRIŽMARIĆ<br>MILJENKO<br>KAMENIK MIRT | 5  | 40 | 0  | 0 | 0 | 45 | 90 | 3 |
| 5 | Basics of Palliative medicine and Palliative Care                                   | KRČEVSKI<br>ŠKVARČ<br>NEVENKA         | 5  | 40 | 0  | 0 | 0 | 45 | 90 | 3 |
| 6 | Beginning and the types of pain and appropriate management of the patient with pain | KRČEVSKI<br>ŠKVARČ<br>NEVENKA         | 5  | 40 | 0  | 0 | 0 | 45 | 90 | 3 |
| 7 | Care for the patient coming from a different socio-cultural background.             | ZELKO ERIKA                           | 10 | 35 | 0  | 0 | 0 | 45 | 90 | 3 |
| 8 | Communication and relationship building between physician and patient               | KLEMENC<br>KETIŠ ZALIKA               | 5  | 40 | 0  | 0 | 0 | 45 | 90 | 3 |
| 9 | Selected topics and novelties in anaesthesiology                                    | KAMENIK MIRT                          | 5  | 40 | 0  | 0 | 0 | 45 | 90 | 3 |

#### **Elective courses 5<sup>th</sup> year, 10<sup>th</sup> semester**

| No. | Subject  | Subject holder          | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|--|-------------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |  |                         | LEC | SE | LP | CP |   |                   |    |             |      |
| 10  | Selected topics and novelties in emergency medicine        | MEKIŠ DUŠAN             | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 11  | Selected topics and novelties in gynecology and obstetrics | TAKAČ IZTOK             | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 12  | Selected topics and novelties in pediatrics                | MIČETIĆ TURK<br>DUŠANKA | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

|    |  |                                       |   |    |   |   |   |    |    |   |
|----|--|---------------------------------------|---|----|---|---|---|----|----|---|
| 13 | Selected topics and novelties in oncology and radiotherapy | HOČEVAR<br>MARKO                      | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 14 | Selected topics and novelties in dermatovenerology         | MAROVČ<br>MARUŠKA                     | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 15 | Selected topics and novelties in geriatrics                | HOJS<br>RADOVAN<br>SKALICKY<br>MARJAN | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 16 | Surgical view of disaster medicine                         | ČRETNIK<br>ANDREJ                     | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 17 | Tropical Medicine  | GORIŠEK<br>MIKSIČ NINA                | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |

**6<sup>th</sup> year, 11<sup>th</sup> semester**

| No.   | Subject   | Subject holder                            | CH  |     |    |    |     | Other study forms | IW  | Hours total | ECTS |
|-------|---|---|-----|-----|----|----|-----|-------------------|-----|-------------|------|
|       |   |   | LEC | SE  | LP | CP |     |                   |     |             |      |
| 58    | Internal medicine - working with patients   | HOJS RADOVAN<br>KRAJNC IVAN               | 0   | 0   | 0  | 0  | 150 | 90                | 240 | 8           |      |
| 59    | Surgery - working with patients   | CRNJAC ANTON                              | 0   | 0   | 0  | 0  | 80  | 40                | 120 | 4           |      |
| 60    | Paediatrics - working with patients   | MARČUN VARDA<br>NATAŠA<br>DOLINŠEK JERNEJ | 0   | 0   | 0  | 0  | 70  | 20                | 90  | 3           |      |
| 61    | Gynaecology and Obstetrics - work with patients   | TAKAČ IZTOK                               | 0   | 0   | 0  | 0  | 90  | 0                 | 90  | 3           |      |
| 62    | Family Medicine II  | TUŠEK BUNC<br>KSENIJA                     | 0   | 25  | 0  | 0  | 110 | 45                | 180 | 6           |      |
| 63    | Evidence-based medicine – health-care economics, patient safety, quality in health care | TURK EVA<br>MAVER UROŠ                    | 10  | 35  | 0  | 0  | 0   | 45                | 90  | 3           |      |
| 64    | Elective course X*  |   | 5   | 40  | 0  | 0  | 0   | 45                | 90  | 3           |      |
| Total |   |   | 15  | 100 | 0  | 0  | 500 | 285               | 900 | 30          |      |



**6<sup>th</sup> year, 12<sup>th</sup> semester**

| No.   | Subject                                   | Subject holder                      | CH  |    |    |    |     | Other study forms | IW  | Hours total | ECTS |
|-------|---|-------------------------------------|-----|----|----|----|-----|-------------------|-----|-------------|------|
|       |   |                                     | LEC | SE | LP | CP |     |                   |     |             |      |
| 58    | Internal Medicine - working with patients | HOJS RADOVAN KRAJNC IVAN            | 0   | 0  | 0  | 0  | 210 | 150               | 360 | 12          |      |
| 59    | Surgery - working with patients           | CRNJAC ANTON                        | 0   | 0  | 0  | 0  | 160 | 80                | 240 | 8           |      |
| 60    | Paediatrics - working with patients       | MARČUN VARDA NATAŠA DOLINŠEK JERNEJ | 0   | 0  | 0  | 0  | 80  | 40                | 120 | 4           |      |
| 65    | Elective course XI                        |                                     | 0   | 0  | 0  | 0  | 180 | 0                 | 180 | 6           |      |
| Total |   |                                     | 0   | 0  | 0  | 0  | 630 | 270               | 900 | 30          |      |

\*Elective course XI: student choses Elective course XI like any other subject inside or outside of UM or as clinical work at a department chosen by a student in the lenght of 6 weeks.

**Elective courses 6<sup>th</sup> year**

| No. | Subject  | Subject holder                   | CH  |    |    |    |   | Other study forms | IW | Hours total | ECTS |
|-----|--|----------------------------------|-----|----|----|----|---|-------------------|----|-------------|------|
|     |  |                                  | LEC | SE | LP | CP |   |                   |    |             |      |
| 1   | Comunication in Medicine   | NATERER ANDREJ                   | 20  | 25 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 2   | Selected Topics and Innovation in Internal Medicine                      | PEČOVNIK BALON BREDA KRAJNC IVAN | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 3   | Selected Topics and Innovation in Surgery                                | CRNJAC ANTON                     | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 4   | Selected Topics and Innovation in Radiology                              | ŠERUGA TOMAŽ                     | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |
| 5   | Simulation of Endoscopic and Ultrasound Examination in Internal Medicine | SKALICKY MARJAN                  | 5   | 40 | 0  | 0  | 0 | 45                | 90 | 3           |      |

|    |   |                                 |   |    |   |   |   |    |    |   |
|----|---|---------------------------------|---|----|---|---|---|----|----|---|
| 6  | Selected Topics and Innovation in Paediatrics                                       | MIČETIĆ- TURK DUŠANKA           | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 7  | Selected Topics and Innovation in Family Medicine                                   | KLEMENC KETIŠ ZALIKA            | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 8  | Selected Topics and Innovation in Ophthalmology                                     | PAHOR DUŠICA                    | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 9  | Selected Topics and Innovation in Anaesthesiology                                   | KAMENIK MIRT                    | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 10 | Selected Topics and Innovation in Pathology   | KLOBOVES PREVODNIK VERONIKA     | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 11 | Selected Topics and Innovation in Otorhinolaryngology and Surgery of Head and Neck  | REBOL JANEZ                     | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 12 | Medical technology  | KRIŽMARIĆ MILJENKO KAMENIK MIRT | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 13 | Basics of Palliative medicine and Palliative Care                                   | KRČEVSKI ŠKVARČ NEVENKA         | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 14 | Beginning and the types of pain and appropriate management of the patient with pain | KRČEVSKI ŠKVARČ NEVENKA         | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 15 | Selected Topics and Innovation in Gynaecology and Obstetrics                        | TAKAČ IZTOK                     | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 16 | Selected Topics and Innovation in Public Health                                     | ERŽEN IVAN                      | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 17 | Selected Topics and Innovation in Neurology   | HOJS FABJAN TANJA               | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 18 | Selected Topics in Dermatovenerology  | MAROVTT MARUŠKA                 | 5 | 40 | 0 | 0 | 0 | 45 | 90 | 3 |

|    |  |                              |    |    |   |   |   |    |    |   |
|----|--|------------------------------|----|----|---|---|---|----|----|---|
| 19 | Selected Topics and Innovation in Psychiatry                           | GREGORIČ KUMPERŠČAK HOJKA    | 5  | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 20 | Selected Topics and Innovation in Geriatrics                           | HOJS RADOVAN SKALICKY MARJAN | 5  | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 21 | Surgical Views of Medicine in Emergency Conditions                     | ČRETNIK ANDREJ               | 5  | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 22 | Tropical Medicine  | GORIŠEK MIKSIĆ NINA          | 5  | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 23 | Adolescent medicine  | MIČETIĆ TURK DUŠANKA         | 5  | 40 |   |   |   | 75 | 90 | 3 |
| 24 | Communication and relationship building between physician and patient  | KLEMENC KETIŠ ZALIKA         | 5  | 40 | 0 | 0 | 0 | 45 | 90 | 3 |
| 25 | Care for the patient coming from a different socio-cultural background | ZELKO ERIKA                  | 10 | 35 | 0 | 0 | 0 | 45 | 90 | 3 |

**Legend:**

**Slovene markers:**

|                          |          |
|--------------------------|----------|
| LEC – lectures           | PR       |
| SE – seminar             | SE       |
| LP – laboratory practice | LV       |
| CP – clinical practice   | KV       |
| SW – seminar work        | SEM VAJE |
| CH – contact hours       | KU       |
| IW – individual work     | ID       |

Elective courses are carried out only if 10 or more students choose them.

**If an elective course is offered in more than one study year, students can choose it once in the six years of studies.**

Additional pedagogical conditions stemming from didactic peculiarities of this type of teaching apply for PBL modules. The tutor can be anyone who has completed a special course in directing PBL modules. This form of study is based on medical faculties of other universities. On the basis of this cooperation, the training of higher education teachers were already carried out.

***The amount of practical training in the programme, method of execution, credit evaluation***

Practical training comprises 1130 hours carried out by 5th and 6th year students. Training is carried out by students in GP's surgery (family medicine – 110 hours), in the UKC MB at the Division of Paediatrics (150 hours), Surgery (240 hours), Gynecology and Perinatology (90 hours), at Internal Medicine (360 hours), at PEC and EMT, and at departments/divisions chosen by individual students within scope the Elective course XI (180 hours). The amount of practical training in 6th year represents 95% of ECTS points.

The students receive the list of skills they need to acquire before the beginning of practical training, together with instructions about what they will have to do, and what they need to master before they start practical training. Each activity is carried out under the guidance of a mentor – in the GP's surgery one mentor is assigned to one student, and at the hospital one mentor is assigned to a small group of students.

### ***The vertical and horizontal connection of the subjects***

A characteristic of the unified master's study programme General medicine is a tight connection of the subjects within individual study years (horizontally) and between study years (vertically). The PBL modules have a particular role of connecting all areas of medicine, from the basics of theory and practice, training in a clinical environment, to the gradual path to independence, which then leads to the professional path of a doctor.

In horizontal sense the subjects in individual study years are connected through content. Individual subjects in a study year are integrated: e.g. histology into anatomy, pathophysiology is integrated in more than one subject – physiology, pathology, pharmacology with toxicology, PBL modules, internal medicine, surgery, etc. PBL modules are carried out simultaneously with lectures, seminars and practical training. During PBL classes, material from lectures and practise is additionally discussed via individual examples in smaller groups, and a trained teacher (a tutor) leads the discussion. Individual problems are dealt with in different study years and together with other subjects traverse from preclinical to clinical.

Vertically, courses advance are upgraded with each study year; the clinical part of the studies is an upgrade of the pre-existing knowledge of pre-clinical part (e.g. Pathology I – Pathology (special pathology), Biochemistry – Clinical biochemistry, Pharmacology with toxicology – Clinical pharmacology, Microbiology – Infectious diseases, etc.).

### ***The requirements for enrolment and standards for selection at enrolment limitation***

An applicant for enrolment to the unified master's study programme General medicine is an individual:

- a) who passed the general Matura examination,
- b) who had finished any 4-year secondary school programme before June 1, 1995.

All candidates must have a C2 level of Slovenian language, according to the Common European Framework of Reference for Languages (CEFR). Proof of this enrolment requirement is the Matura certificate if it includes Slovenian language; final year grade in the subject in secondary school; language certificate at C2 level or equivalent.

In case of entry limitation, the candidates from item a) will be chosen according to:

- overall success at general Matura 35 % of points,
- overall success in the 3rd and 4th year of secondary school 20 % of points,

- success at individual subjects from Matura: mathematics, foreign language and one subject of natural science (biology, physics or chemistry) 45 % of points;

the candidates from item b) will be chosen according to:

- overall success at final exams 35 % of points,
- overall success in the 3rd and 4th year of secondary school 20 % of points,
- success in mathematics or foreign language at final exams, and success in one of the subjects from natural science (biology, physics or chemistry) at final exams or in the last year of secondary school when the subject was carried out 45 % of points

### ***Provisions on the use/concretization of standards for recognition of knowledge and competences acquired before enrolment into the program***

Students, during the process of education, can go through the process of recognition of acquired knowledge, qualifications, or abilities, which have been acquired prior to enrolment into the study programme:

- formally acquired are knowledge and skills which are acquired within educational and higher education institutions and are demonstrated by candidates with various publicly valid certificates and degrees and provide publicly valid level of education or qualifications.
- Informally acquired are knowledge and skills which are acquired by candidates in educational and higher education institutions or apart from them and are demonstrated by certificates of acquired knowledge or skills (courses, workshops, seminars, etc.).

With recognition or non-recognition the basic criterion is comparability of acquired knowledge with learning units, skills, and qualifications in the unified master's study programme General medicine. The procedure of recognition takes place in accordance with the Rules on the recognition of knowledge and skills in the study programmes of the University of Maribor.

Applications for recognition of knowledge and skills in various forms of formal and informal education, acquired prior to enrolment in the programme, will be processed by the Faculty of Medicine in accordance with the regulations. The candidate submits an application for recognition of knowledge and skills to the Commission for Student Affairs of the Faculty.

### **Assessment method**

Assessment methods and forms of grading and examining the knowledge of students for each individual subject are prescribed in the subject curriculum. As a rule, every subject is completed with an exam, with the lecturers encouraging students to use various forms of active study and examining their knowledge in different forms, e. g., tests, assignments and projects (and their argumentation), and including students in research projects, during the study process. The acquired grades are kept on record according to the study program. For grading, the lecturers comply with the rules of grading set by the University of Maribor.

Examination and grading of students' knowledge will be done in these forms:

- written exam
- oral exam
- practical exam
- colloquium
- seminar
- active participation in practice courses
- assessment of practical courses

- colloquia or partial written exams
- electronic tests
- reports on practical training...

## Progression requirements

According to Article 85 of the Statute of UM (Off. G. No. 100/2023) the students may enrol into higher years if they completed all obligations determined by the study programme and the Statute of UM. At the student's request, the Student Affairs Committee can, by way of exception, approve enrolment to a higher year to students who have not completed all obligations if they have completed more than a half of their obligations and if they have justifiable reasons for not completing the obligations and can be expected to complete them in the time that the Committee grants every individual.

A student may progress to the next year if they fulfil the requirements determined by the study programme. To advance to the next year of study, a student must gain at least 54 credit points (ECTS), namely from the following subjects:

To advance to a higher level the students must complete obligations in these subjects:

- for enrolment into the 2<sup>nd</sup> study year: passed exams in Anatomy with Histology and Embriology, Biophysics, Biochemistry, Chemistry, Cell Biology, Introduction to Medicine, PBL - Preclinic I, PBL - Preclinic II, Elective course I, Elective course II = total 51 ECTS.
- for enrolment into the 3<sup>rd</sup> study year: passed exams in 2<sup>nd</sup> year subjects Physiology, Microbiology with Immunology, Pharmacology with Toxicology, Health Psychology, PBL - Preclinic III, Pathology I (general pathology) and PBL - Preclinic IV, Elective course III for a total of 53 ECTS, and passed exams in 1<sup>st</sup> year subjects Molecular Biology with Genetics and Methods of research work in medicine with medical statistics.
- for enrolment into the 4<sup>th</sup> study year: passed exams in 3<sup>rd</sup> year subjects Internal Medicine with Propedeutics, Surgery, Radiology, Clinical Biochemistry, Pathology - special pathology, PBL - Clinics V, PBL - Clinics VI for a total of 51 ECTS, and passed exams 2<sup>nd</sup> year subjects: Evidence-based medicine and Medical informatics, e-Health and medical statistics.
- for enrolment into the 5<sup>th</sup> year: passed exams in 4<sup>th</sup> year subjects in the minimum amount of 50 ECTS and all completed study obligations from 1<sup>st</sup> till 3<sup>rd</sup> year.
- for enrolment into the 6<sup>th</sup> year: passed exams in 5<sup>th</sup> year subjects in the minimum amount of 50 ECTS and all completed study obligations from 1<sup>st</sup> till 4<sup>th</sup> year.

## Repeating a study year or extending the student status

Students who did not complete all obligations to advance to a higher year in the study programme, can repeat a study year once (Article 120 of the Statute).

A change of study programme is also considered a repetition due to incomplete study requirements of the previous programme or course.

The possibility to re-take a study year is approved by the Committee for Student Affairs of the MF UM to students who have:

- regularly participated in all forms of educational work determined in the study programme
- completed at least a half of obligations determined by the study programme.

Repetition of a study year can also be approved by the Committee to students who have completed less than a half of study obligations if there are justifiable reasons which enable the student the extension of student status according to the Statute.

An appeal can be made against the decision of the Committee for Student Affairs to the University Committee for Student Appeals. The ruling of the University Committee for Student Appeals is final (Article 121 of the Statute UM).

### ***Extending the student status***

Students who are enrolled in two or more study programmes at the same time, students who have the status of a student athlete or coach, students active in cultural and humanitarian fields, students who partake in international competitions, and students who have justifiable reasons (motherhood, illness lasting for at least three months during a semester or a month during the exam period, military service, exceptional social or family circumstances, studying abroad, active work in university bodies, etc.) and did not graduate within twelve months after the last semester or they did not enrol into a higher year, the status can be extended, but not for more than one year. Female students who give birth to a child during their studies have the right to extend their student status for one year for every live birth. The Committee for Student Affairs makes decisions about student status extensions.

### ***Counselling and guidance during studies:***

At the Faculty of Medicine UM, we have introduced a system of tutoring and mentoring. We have put much thought into the system of student tutors and student mentors for the purpose of guiding, counselling and directing students. Immediately after enrolment in the study programme each student is assigned a tutor - a student from a higher study year who advises and helps the new student. Student tutors are carefully monitored by teacher mentors who help with more crucial matters and guide and direct students through the study process.

### ***The provisions on transition between programmes***

Candidates may, according to the Criteria for transitions between study programmes, enrol into:

- second or higher year of the unified master's study programme General medicine, provided that the first study programme is from the field of general medicine and awards the same degree level upon completion;
- transitions of post-secondary graduates are not possible.

Transition is possible if the candidate:

- meets all the criteria for 1<sup>st</sup> year enrollment;
- is transitioning from a study programme that ensures students comparable competences/learning outcome upon completion;
- manages to get at least half of their obligations from the first study programme applying to the second study programme recognised under the European Credit Transfer and Accumulation System (ECTS).



## The information about the ways and forms of conducting studies

|  |   |                                    |   |
|--|---|------------------------------------|---|
| <b>Ways and forms of conducting the study programme</b> ( <i>tick</i> ): | <input checked="" type="checkbox"/> full time | <input type="checkbox"/> part time | <input type="checkbox"/> distance study |
|--|---|------------------------------------|---|

Full time studies will be conducted at the seat of the Faculty in Maribor, Taborska 8, in accordance with the academic calendar set by the University of Maribor.

### ***The requirements for completing studies***

Student graduates when they complete all obligations in the extent of 360 credit points.

### ***The acquired expert or scientific title***

A candidate who successfully completes their study programme acquires a professional title in accordance with Article 11 of the Professional Titles and Academic Science and Art Titles Act, no. 100/2022, namely:  
**Doctor of Medicine (MD)**