



**UNIVERSITY OF KRAGUJEVAC  
FACULTY OF MEDICAL SCIENCES**



**Schedule of courses by semesters and years of study**

**FIRST YEAR**

No	Course Code	Course title	Sem.	Classes of active teaching				Other	ECTS
				L	P	SRW	OAC		
1.	IASM1	Medical chemistry	1	2	1	0	0	0	3
2.	IASM2	Biophysics	1	2	1	0	0	0	3
3.	IASM3	Biology	1	2	1	0	0	0	3
4.	IASM4	Anatomy 1	1	6	5	0	0	0	12
5.	IASM5	Medical English language	1	3	0	0	0	0	4
6.	IASMI1	Elective Block 1 (3 credits are chosen)	1	1-2	0	0	0-1	2-4	3
	IASM6	Physical education	1	1	0	0	0	2	3
	IASM7	History of medicine	1	2	0	0	1	4	3
Total hours by type of teaching in the block				<b>16-17</b>	<b>8</b>	<b>0</b>	<b>0-1</b>	<b>2-4</b>	
Total hours of active teaching and ECTS in the block				<b>24-26</b>					<b>28</b>
Total teaching hours in the block				<b>26-30</b>					
7.	IASM8	Human genetics	2	2	2	0	0	0	6
8.	IASM9	Histology and embryology	2	6	5	0	0	0	12
9.	IASM10	Anatomy 2	2	5	3	0	0	0	11
10.	IASMI2	Elective block 2 (3 credits are chosen)	2	2	0-1	0	0-1	0	3
	IASM11	Fundamentals of histological and histopathological	2	2	1	0	0	0	3
	IASM12	Introduction to medicine and medical terminology	2	2	0	0	1	0	3
Total hours by type of teaching in the block				<b>15</b>	<b>10-11</b>	<b>0</b>	<b>0-1</b>	<b>0</b>	
Total hours of active teaching and ECTS in the block				<b>26</b>					<b>32</b>
Total teaching hours in the block				<b>26</b>					
Total hours by type of teaching in the year				<b>31-32</b>	<b>18-19</b>	<b>0</b>	<b>0-2</b>	<b>2-4</b>	
Total hours of active teaching and ECTS in the year				<b>50-52</b>					<b>60</b>
Total teaching hours per year				<b>52-56</b>					

**SECOND YEAR**

No	Course Code	Course title	Sem.	Classes of active teaching				Other	ECTS
				L	P	SRW	OAC		
11.	IASM13	Physiology	3	4	4	0	0	0	9
12.	IASM14	Medical biochemistry	3	6	5	0	0	0	12
13.	IASM15	Communication skills	3	2	1	0	0	0	4
14.	IASMI3	Elective block 3 (3 credits are chosen)	3	2	0-1	0	0-1	0	3
	IASM16	Information and communication technologies in healthcare	3	2	0	0	1	0	3
	IASM17	Medical genetics	3	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>14</b>	<b>10-11</b>	<b>0</b>	<b>0-1</b>	<b>0</b>	
Total hours of active teaching and ECTS in the block				<b>25</b>					<b>28</b>
Total teaching hours in the block				<b>25</b>					
15.	IASM13	Physiology	4	4	4	0	0	0	9
16.	IASM18	Microbiology and immunology	4	6	5	0	0	0	12
17.	IASM19	Fundamentals of oncology	4	2	2	0	0	0	5
18.	IASM20	First aid	4	1	1	0	0	2	3
19.	IASMI4	Elective block 4 (3 credits are chosen)	4	2	1	0	0	0	3
	IASM21	Sports medicine	4	2	1	0	0	0	3
	IASM22	Biochemistry of metabolic disorders and diseases	4	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>15</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>2</b>	
Total hours of active teaching and ECTS in the block				<b>28</b>					<b>32</b>
Total teaching hours in the block				<b>30</b>					
Total hours by type of teaching in the year				<b>29</b>	<b>23-24</b>	<b>0</b>	<b>0-1</b>	<b>2</b>	
Total hours of active teaching and ECTS in the year				<b>53</b>					<b>60</b>
Total teaching hours per year				<b>55</b>					

**THIRD YEAR**

No	Course Code	Course title	Sem.	Classes of active teaching				Other	ECTS
				L	P	SRW	OAC		
20.	IASM23	Pathological anatomy	5	4	3	0	2	0	9
21.	IASM24	Pathophysiology	5	3	2	0	2	0	8
22.	IASM25	Pharmacology and toxicology	5	2	2	0	0	0	6
23.	IASMI5	Elective block 5 (3 credits are chosen)	5	2	1	0	0	0	3
	IASM26	Introduction to clinical practice	5	2	1	0	0	0	3
	IASM27	Immunopathology - clinical cases	5	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>11</b>	<b>8</b>	<b>0</b>	<b>4</b>	<b>0</b>	
Total hours of active teaching and ECTS in the block				<b>23</b>					<b>26</b>
Total teaching hours in the block				<b>23</b>					
24.	IASM23	Pathological anatomy	6	4	3	0	2	0	9
25.	IASM28	Clinical propedeutics	6	3	6	0	0	2	8
26.	IASM24	Pathophysiology	6	3	2	0	2	0	8
27.	IASMI6	Elective block 6 (3 credits are chosen)	6	2	1	0	0	0	3
	IASM29	Psychological medicine	6	2	1	0	0	0	3
	IASM30	Fundamentals of clinical immunology	6	2	1	0	0	0	3
28.	IASM25	Pharmacology and toxicology	6	2	2	0	0	0	6
Total hours by type of teaching in the block				<b>14</b>	<b>14</b>	<b>0</b>	<b>4</b>	<b>2</b>	
Total hours of active teaching and ECTS in the block				<b>32</b>					<b>34</b>
Total teaching hours in the block				<b>34</b>					
Total hours by type of teaching in the year				<b>25</b>	<b>22</b>	<b>0</b>	<b>8</b>	<b>2</b>	
Total hours of active teaching and ECTS in the year				<b>55</b>					<b>60</b>
Total teaching hours per year				<b>57</b>					

**FOURTH YEAR**

No	Course Code	Course title	Sem.	Classes of active teaching				Other	ECTS
				L	P	SRW	OAC		
29.	IASM31	Internal medicine	7	6	6	0	0	4	12
30.	IASM32	Radiology	7	2	2	0	0	0	4
31.	IASM33	Nuclear medicine	7	1	1	0	1	0	4
32.	IASM34	Dermatovenerology	7	2	1	0	0	0	4
33.	IASMI7	Elective block 7 (3 credits are chosen)	7	2	0-1	0	0-1	0	3
	IASM35	Application of biological therapy in medicine	7	2	1	0	0	0	3
	IASM36	Basics of clinical pharmacology	7	2	0	0	1	0	3
Total hours by type of teaching in the block				<b>13</b>	<b>10-11</b>	<b>0</b>	<b>1-2</b>	<b>4</b>	
Total hours of active teaching and ECTS in the block				<b>25</b>					<b>27</b>
Total teaching hours in the block				<b>29</b>					
34.	IASM31	Internal medicine	8	6	6	0	0	4	12
35.	IASM37	Neurology	8	3	3	0	0	1	6
36.	IASM38	Psychiatry	8	3	3	0	0	1	6
37.	IASM39	Infectious diseases	8	3	3	0	0	3	6
38.	IASMI8	Elective block 8 (3 credits are chosen)	8	2	0-1	0	0-1	0	3
	IASM40	Tropical diseases	8	2	0	0	1	0	3
	IASM41	Therapeutic application of ionizing radiation	8	2	1	0	0	0	3
	IASM42	Clinical aspects of acid-base balance disorders	8	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>17</b>	<b>15-16</b>	<b>0</b>	<b>0-1</b>	<b>9</b>	
Total hours of active teaching and ECTS in the block				<b>33</b>					<b>33</b>
Total teaching hours in the block				<b>42</b>					
Total hours by type of teaching in the year				<b>30</b>	<b>25-27</b>	<b>0</b>	<b>1-3</b>	<b>13</b>	
Total hours of active teaching and ECTS in the year				<b>58</b>					<b>60</b>
Total teaching hours per year				<b>71</b>					

**FIFTH YEAR**

No	Course Code	Course title	Sem.	Classes of active teaching				Other	ECTS
				L	P	SRW	OAC		
39.	IASM43	Pediatrics	9	3	3	0	1	1	7
40.	IASM44	Surgery	9	6	6	0	0	4	12
41.	IASM45	Legal aspects in healthcare	9	2	0	0	1	0	3
42.	IASM46	Clinical oncology	9	2	1	0	0	0	3
43.	IASMI9	Elective block 9 (3 credits are chosen)	9	2	1	0	0	0	3
	IASM47	Surgical pathology	9	2	1	0	0	0	3
	IASM48	Contemporary diagnostics in medicine	9	2	1	0	0	0	3
	IASM49	Fundamentals of laboratory work and research	9	2	1	0	0	0	3
	IASM50	Telemedicine	9	2	1	0	0	0	3
	IASM51	Fundamentals of clinical genetics	9	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>15</b>	<b>11</b>	<b>0</b>	<b>2</b>	<b>5</b>	
Total hours of active teaching and ECTS in the block				<b>28</b>					<b>28</b>
Total teaching hours in the block				<b>33</b>					
44.	IASM43	Pediatrics	10	3	3	0	1	1	7
45.	IASM52	Otorhinolaryngology	10	3	2	0	0	0	5
46.	IASM44	Surgery	10	6	6	0	0	4	12
47.	IASM53	Ophthalmology	10	3	2	0	0	0	5
48.	IASMI10	Elective block 10 (3 credits are chosen)	10	2	1	0	0	0	3
	IASM54	Palliative medicine	10	2	1	0	0	0	3
	IASM55	Basics of clinical biochemistry	10	2	1	0	0	0	3
	IASM56	Resuscitation 1	10	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>17</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>5</b>	
Total hours of active teaching and ECTS in the block				<b>32</b>					<b>32</b>
Total teaching hours in the block				<b>37</b>					
Total hours by type of teaching in the year				<b>32</b>	<b>25</b>	<b>0</b>	<b>3</b>	<b>10</b>	
Total hours of active teaching and ECTS in the year				<b>60</b>					<b>60</b>
Total teaching hours per year				<b>70</b>					

**SIXTH YEAR**

No	Course Code	Course title	Sem.	Classes of active teaching				Other	ECTS
				L	P	SRW	OAC		
49.	IASM57	Gynecology and obstetrics	11	3	3	0	0	1	0
50.	IASM58	Physical medicine and rehabilitation	11	2	2	0	0	1	4
51.	IASM59	Social medicine	11	2	1	0	0	0	3
52.	IASM60	Epidemiology	11	2	1	0	0	0	3
53.	IASM61	Hygiene and ecology	11	4	2	0	0	0	6
54.	IASM62	Medical statistics and informatics	11	1	1	0	0	0	3
55.	IASM63	Medical ethics	11	2	0	0	1	0	2
56.	IASMI11	Elective block 11 (3 credits are chosen)	11	2	0-1	0	0-1	0	3
	IASM64	Evidence-based medicine	11	2	1	0	0	0	3
	IASM65	Primary health care	11	2	1	0	0	0	3
	IASM66	Resuscitation 2	11	2	1	0	0	0	3
	IASM67	Occupational medicine	11	2	0	0	1	0	3
	IASM68	Preventive pediatrics	11	2	1	0	0	0	3
	IASM69	Immunization and vaccination	11	2	1	0	0	0	3
	IASM70	Health education	11	2	1	0	0	0	3
Total hours by type of teaching in the block				<b>18</b>	<b>10-11</b>	<b>0</b>	<b>1-2</b>	<b>2</b>	
Total hours of active teaching and ECTS in the block				<b>30</b>					<b>24</b>
Total teaching hours in the block				<b>32</b>					
57.	IASM57	Gynecology and obstetrics	12	3	3	0	0	1	10
58.	IASM71	Interprofessional education	12	0	2	0	0	0	2
59.	IASM72	Emergency medical conditions	12	3	5	0	0	4	5
60.	IASM73	Geriatrics	12	1	1	0	0	2	2
61.	IASM74	Forensic medicine	12	3	2	0	0	0	5
62.	IASMI12	Elective block 12 (3 credits are chosen)	12	2	1	0	0	0	3
	IASM75	Biological traces and forensic genetics	12	2	1	0	0	0	3
	IASM76	Dietary products and nutrition supplementation	12	2	1	0	0	0	3
	IASM77	Internal medicine in pregnancy and postpartum period	12	2	1	0	0	0	3
	IASM78	Pain medicine	12	2	1	0	0	0	3
	IASM79	Contemporary principles of neuroophthalmology	12	2	1	0	0	0	3
	IASM80	Intensive care and therapy in pediatrics	12	2	1	0	0	0	3
63.	IASM81	Clinical practice	12	0	0	0	0	22	4
64.	IASM82	Final work - research	12	0	0	20	0	0	2
65.	IASM83	Final work - design and defense	12	0	0	0	0	6	3
Total hours by type of teaching in the block				<b>12</b>	<b>14</b>	<b>20</b>	<b>0</b>	<b>35</b>	
Total hours of active teaching and ECTS in the block				<b>46</b>					<b>36</b>
Total teaching hours in the block				<b>81</b>					
Total hours by type of teaching in the year				<b>30</b>	<b>24-25</b>	<b>20</b>	<b>1-2</b>	<b>37</b>	
Total hours of active teaching and ECTS in the year				<b>76</b>					<b>60</b>
Total teaching hours per year				<b>113</b>					

Sem – Semester; L – Lectures; P – Practice; SRW – Study research work; OAC – Other active classes

**Total hours of theoretical and practical teaching in the study program: 6270-6330**