

MEDICAL UNIVERSITY OF SILESIA IN KATOWICE
FACULTY OF MEDICAL SCIENCES IN KATOWICE

Academic year 2021/2022

Pre-medical program

FIRST YEAR

1st semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|-----|---|-----------------|-----------------|-------------|------------------------|--------------------|-------------|
| 1. | Biochemistry with elements of chemistry I | 15 | 15 | - | 30 | credit | 4 |
| 2. | General physics I | - | 35 | - | 35 | credit | 5 |
| 3. | General biology | - | 68 | - | 68 | credit | 9 |
| 4. | Methodology of learning | - | 10 | - | 10 | credit | 2,5 |
| 5. | Basic philosophy / history of medicine | 20 | 20 | - | 40 | grade credit | 6 |
| 6. | Basic patient's care | 10 | 10 | - | 20 | credit | 0,5 |
| 7. | Polish I | - | - | 30 | 30 | grade credit | 0,5 |
| 8. | Physical education | - | - | 30 | 30 | credit | 1 |
| 9. | Nursing practice (summer clerkship) | - | - | 40 | 40 | credit | 1,5 |
| 10. | Safety training | 4 | - | - | 4 | credit | 0 |
| | TOTAL | | | | 307 | | 30 |

2nd semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|----|--|-----------------|-----------------|-------------|------------------------|--------------------|-------------|
| 1. | Biochemistry with elements of chemistry II | - | 40 | - | 40 | exam | 5 |
| 2. | General physics II | - | 45 | - | 45 | exam | 5 |
| 3. | General biology – cell biology | - | 25 | - | 25 | exam | 3 |
| 4. | Introduction to physiology | 20 | 28 | - | 48 | grade credit | 6 |
| 5. | Basic statistics | - | 55 | - | 55 | grade credit | 7 |
| 6. | Physical education | - | - | 30 | 30 | credit | 1 |
| 7. | Polish II | - | - | 30 | 30 | grade credit | 0,5 |
| 8. | Nursing practice (summer clerkship) | - | - | 80 | 80 | credit | 2,5 |
| | TOTAL | | | | 353 | | 30 |

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| | TOTAL | | | | 660 | | 60 |
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SECOND YEAR

3rd semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|-----|---|----------|----------|------|-----------------|--------------|-----------|
| 1. | Human biology | - | 30 | - | 30 | credit | 3 |
| 2. | Biochemistry with elements of chemistry III | 10 | 30 | - | 40 | credit | 5 |
| 3. | Genetics I | 30 | 30 | - | 60 | grade credit | 6,5 |
| 4. | Molecular biology | 10 | 20 | - | 30 | exam | 3 |
| 5. | Sociology of medicine | 10 | 20 | - | 30 | grade credit | 3 |
| 6. | Parasitology | 5 | - | 10 | 15 | grade credit | 2 |
| 7. | Ethics & Jurisprudence | 30 | - | - | 30 | exam | 3 |
| 8. | Propedeutics of oncology | 18 | 2 | - | 20 | credit | 2,5 |
| 9. | First Aid | 5 | 5 | 10 | 20 | credit | 0,5 |
| 10. | Polish III | - | - | 30 | 30 | grade credit | 0,5 |
| 11. | Emergency medicine (summer clerkship) | - | - | 30 | 30 | credit | 1 |
| | TOTAL | | | | 335 | | 30 |

4th semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|----|---|----------|----------|------|-----------------|--------------|-----------|
| 1. | Human biology | - | 20 | - | 20 | exam | 3 |
| 2. | Biochemistry with elements of chemistry IV | 10 | 50 | - | 60 | exam | 6 |
| 3. | Introduction to medical analyses | 35 | 30 | - | 65 | grade credit | 6,5 |
| 4. | Behavioral sciences (Psychology) | 15 | 15 | - | 30 | grade credit | 3 |
| 5. | Biostatistics, epidem. & public health | 10 | - | 30 | 40 | exam | 5 |
| 6. | Palliative care | - | 22 | 8 | 30 | grade credit | 3 |
| 7. | Polish IV | - | - | 30 | 30 | grade credit | 0,5 |
| 8. | Outpatient care practice (summer clerkship) | - | - | 90 | 90 | credit | 3 |
| | TOTAL | | | | 365 | | 30 |

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| | TOTAL | | | | 700 | | 60 |
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Medical program

THIRD YEAR

1st semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|----|---|----------|----------|------|-----------------|-------------|-----------|
| 1. | Gross Anatomy I | 30 | - | 75 | 105 | credit | 9 |
| 2. | Histology I | 10 | 15 | 20 | 45 | credit | 3 |
| 3. | Biochemistry with elements of chemistry V | 60 | 30 | 30 | 120 | exam | 10 |
| 4. | Biophysics | - | - | 15 | 15 | exam | 1 |
| 5. | EBM (Evidence Based Medicine) | 4 | 6 | 0 | 10 | credit | 1 |
| 6. | Environmental Health | 10 | 16 | 24 | 50 | credit | 4 |
| 7. | Introduction to surgery I | 5 | 5 | 20 | 30 | credit | 2 |
| | TOTAL | | | | 375 | | 30 |

2nd semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|----|--------------------------------------|----------|----------|------|-----------------|--------------|-----------|
| 1. | Gross Anatomy II | 30 | - | 75 | 105 | exam | 8 |
| 2. | Immunology | 19 | 19 | 22 | 60 | grade credit | 4 |
| 3. | Histology II | 10 | 15 | 20 | 45 | exam | 4 |
| 4. | Genetics II | 20 | 20 | 20 | 60 | grade credit | 4 |
| 5. | Physiology I | 20 | 15 | 25 | 60 | credit | 4 |
| 6. | Introduction to surgery II | 5 | 5 | 20 | 30 | grade credit | 2 |
| 7. | Summer clerkship (Internal Medicine) | - | - | 120 | 120 | credit | 4 |
| | TOTAL | | | | 480 | | 30 |

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| | TOTAL | | | | 855 | | 60 |
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FOURTH YEAR

3rd semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|----|----------------------------------|----------|----------|------|-----------------|--------------|-----------|
| 1. | Microbiology & virusology I + II | 15 | 15 | 40 | 70 | exam | 6 |
| 2. | Physiology II | 20 | 15 | 25 | 60 | exam | 5 |
| 3. | Embryology | - | 30 | - | 30 | grade credit | 2 |
| 4. | Pharmacology I | 20 | 20 | 40 | 80 | credit | 7 |
| 5. | Pathomorphology I | 40 | 10 | 30 | 80 | credit | 7 |
| 6. | Clinical Analysis | 10 | 15 | 20 | 45 | grade credit | 3 |
| | TOTAL | | | | 365 | | 30 |

4th semester

| | Course | Lectures | Seminars | Labs | Total no of hrs | Credit/Exam | ECTS |
|----|-----------------------------------|----------|----------|------|-----------------|-------------|-----------|
| 1. | Pharmacology II | 25 | 20 | 40 | 85 | exam | 6 |
| 2. | Pathophysiology | 20 | 15 | 45 | 80 | exam | 6 |
| 3. | Neuroscience | 30 | 45 | - | 75 | exam | 5 |
| 4. | Physical Diagnosis / IM | - | - | 45 | 45 | credit | 2 |
| 5. | Pathomorphology II | 30 | 20 | 40 | 90 | exam | 6 |
| 6. | Nuclear medicine | - | 20 | - | 20 | credit | 1 |
| 7. | Summer clerkship (pediatrics) | - | - | 60 | 60 | credit | 2 |
| 8. | Summer clerkship (intensive care) | - | - | 60 | 60 | credit | 2 |
| | TOTAL | | | | 515 | | 30 |

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| | TOTAL | | | | 880 | | 60 |
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FIFTH YEAR

| | | Clinical rotation | Total number of weeks (hrs) | Credit/Exam | ECTS |
|----|----------------------------------|---|------------------------------------|--------------------|-------------|
| 1. | Core | Internal Medicine I (introduction) | 2 (60 hrs) | exam | 3 |
| | | Internal Medicine II + III (cardiology) | 2 (60 hrs) | | 3 |
| | | Internal Medicine IV (pulmonology) | 1 (30 hrs) | | 1,5 |
| | | Internal Medicine V (imaging techniques) | 1 (30 hrs) | | 1,5 |
| | | Internal Medicine VI (oncology) | 1 (40 hrs) | | 2 |
| | | Internal Medicine VII (hematology) | 1 (30 hrs) | | 1,5 |
| | | Internal Medicine VIII (gastroenterology) | 1 (30 hrs) | | 1,5 |
| | | Internal Medicine IX (nephrology) | 1 (30 hrs) | | 1,5 |
| | | Internal Medicine X (metabolic disease) | 1 (30 hrs) | | 1,5 |
| | | Internal Medicine XI (rheumatology) | 1 (30 hrs) | | 1,5 |
| 2. | Core | Surgery I (introduction) | 1 (30 hrs) | exam | 1,5 |
| | | Surgery II (introduction) | 1 (30 hrs) | | 1,5 |
| | | Surgery III (general/vascular surgery) | 2 (60 hrs) | | 3 |
| | | Surgery IV (surgery of digestive tract) | 2 (60 hrs) | | 3 |
| | | Surgery V (neurosurgery) | 1 (30 hrs) | | 1,5 |
| | | Surgery VI (cardio- and thoracosurgery) | 2 (60 hrs) | | 3 |
| | | Surgery VII (orthopedics) | 1 (45 hrs) | | 2 |
| | | Surgery VIII (urology) | 1 (30 hrs) | | 1,5 |
| | | Surgery IX (endocrine/transplantation) | 1 (30 hrs) | | 1,5 |
| 3. | Pediatrics - Core | 6 (180 hrs) | exam | 9 | |
| 4. | Obstetrics and Gynecology - Core | 6 (240 hrs) | exam | 10 | |
| 5. | Summer clerkship (surgery) | 2 (60 hrs) | credit | 2 | |
| 6. | Summer clerkship (OB/GYN) | 2 (60 hrs) | credit | 2 | |
| | | TOTAL | 40 (1,285 hrs) | | 60 |

SIXTH YEAR

| | | Clinical rotation | Total number of weeks (hrs) | Credit/Exam | ECTS |
|-------------------|-----------|---|------------------------------------|--------------------|-------------|
| 1. | | Psychiatry - Core | 6 (180 hrs) | exam | 8 |
| 2. | Sub-I. | Internal Medicine (general medicine) | 1 (42 hrs) | grade credit | 1,5 |
| | | Internal Medicine (nuclear medicine) | 1 (35 hrs) | grade credit | 1,5 |
| | | Internal Medicine (infectious disease) | 1 (30 hrs) | grade credit | 1,5 |
| | | Internal Medicine (dermatology) | 1 (30 hrs) | grade credit | 1,5 |
| | | Internal Medicine (neurology) | 1 (30 hrs) | grade credit | 1,5 |
| | | Internal Medicine (general medicine/geriatrics) | 1 (42 hrs) | grade credit | 1,5 |
| 3. | Sub-I. | Family Practice (family practice) | 2 (75 hrs) | grade credit | 3 |
| | | Family Practice (emergency medicine) | 1 (30 hrs) | grade credit | 1,5 |
| | | Family Practice (laryngology) | 1 (30 hrs) | grade credit | 1,5 |
| | | Family Practice (ophthalmology) | 3 days (28 hrs) | grade credit | 1,5 |
| | | Family Practice (radiology) | 1 (40 hrs) | grade credit | 1,5 |
| | | Family Practice (basic dentistry) | 2 days (15 hrs) | grade credit | 0,5 |
| 4. | Sub-I. | Pediatrics (general pediatrics) | 1 (30 hrs) | grade credit | 1,5 |
| | | Pediatrics (pediatric neurology) | 1 (30 hrs) | grade credit | 1,5 |
| | | Pediatrics (neonatal intensive care) | 1 (30 hrs) | grade credit | 1,5 |
| | | Pediatrics (otolaryngology) | 1 (30 hrs) | grade credit | 1,5 |
| 5. | Electives | Internal Medicine | 4 (110 h) | grade credit | 5 |
| | | Pediatrics | 3 (90 h) | grade credit | 4 |
| | | Surgery | 2 (60 h) | grade credit | 2,5 |
| | | Anesthesiology | 2 (60 h) | grade credit | 2,5 |
| | | Ophthalmology | 1 (32 h) | grade credit | 1,5 |
| | | Dermatology | 1 (30 h) | grade credit | 1,5 |
| | | Infectious Disease | 1 (30 h) | grade credit | 1,5 |
| | | Family Practice | 1 (30 h) | grade credit | 1,5 |
| | | Rehabilitation | 1 (30 h) | grade credit | 1,5 |
| | | Emergency Medicine | 1 (30 h) | grade credit | 1,5 |
| | | Neurology | 1 (30 h) | grade credit | 1,5 |
| | | Neurosurgery | 1 (30 h) | grade credit | 1,5 |
| Forensic Medicine | 1 (45 h) | grade credit | 1,5 | | |
| TOTAL | | | 42 (1,334 hrs) | | 60 |