# CURRICULUM – 1st year
# 2022-2023

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|---|---|---|---|
| **UNIVERSITY** | **"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES** | **SPECIALISATION** | **MEDICINE, ENGLISH (Hamburg, Germany)** |
| **FACULTY** | FACULTY OF MEDICINE IN ENGLISH | **TITLE** | PHYSICIAN |
| **FIELD OF STUDY** | HEALTH | **DURATION** | 6 YEARS |
| **LEVEL OF REGULATION** | SECTORIAL | **ECTS** | 360 (compulsory + optional) +10 ECTS Licence Exam |

| No | Educational activities Subjects | Code/ Type of subjects | I st Semester I (14 weeks) | | | | | | | | 2nd Semester (14 weeks) | | | | | | | | Total per academic year | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1st Module (7weeks) | | | | 2nd Module (7 weeks) | | | | 3rd Module (7 weeks) | | | | 4th Module (7 weeks) | | | | | | | |
| | | | Lect. | Pa/Inter./ Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter. / Sem/Pr | ECTS | Type of Assessment | Lect. | Pa/Inter. / Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter/ Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter. / Sem/Pr | Indiv. study | ECTS |
| 1 | Biochemistry (1) | MEH102/FS | 4 | 6 | 5 | E | | | | | | | | | | | | | 28 | 42 | 56 | 5 |
| 2 | Anatomy (1) | MEH103/FS | 4 | 10(8+2)* | 8 | E | | | | | | | | | | | | | 28 | 70 | 105 | 8 |
| 3 | Romanian Language/ Cultural studies (1) | MEH110/CS | - | 4 | 2 | V | | | | | | | | | - | 4 | 2 | V | - | 56 | 56 | 4 |
| 4 | Biophysics and Medical Biotechnology | MEH101/FS | | | | | 4 | 6 | 5 | E | | | | | | | | | 28 | 42 | 56 | 5 |
| 5 | Medical Informatics | MEH104/CS | | | | | 4 | 6 | 5 | E | | | | | | | | | 28 | 42 | 56 | 5 |
| 6 | Medical Biostatistics | MEH105/CS | | | | | 2 | 2 | 3 | E | | | | | | | | | 14 | 14 | 49 | 3 |
| 7 | Anatomy (2) | MEH106/FS | | | | | | | | | 4 | 10(8+2)* | 8 | E | | | | | 28 | 70 | 105 | 8 |
| 8 | Biochemistry (2) | MEH108/FS | | | | | | | | | 4 | 6 | 5 | E | | | | | 28 | 42 | 56 | 5 |
| 9 | Physical Education (1) | MER112/CS | | | | | | | | | - | 4 | 2 | V | | | | | - | 28 | 28 | 2 |
| 10 | Physiology (1) | MEH107/FS | | | | | | | | | | | | | 4 | 6 | 5 | E | 28 | 42 | 56 | 5 |
| 11 | Molecular and Cell Biology | MEH109/FS | | | | | | | | | | | | | 4 | 6 | 5 | E | 28 | 42 | 56 | 5 |
| 12 | Medical Terminology | MEH111/RS | | | | | | | | | 4 | - | 3 | V | | | | | 28 | - | 49 | 3 |
| 13 | Speciality Practice | MEH113/SS | | | | | | | | | | | | | - | - | 2 | V | - | 160 | - | 2 |
| 14 | Optional subject** | OPT | 2 | - | 2 | V | | | | | | | | | | | | | 14 | - | 42 | 2 |
| **GRAND TOTAL** | | **7FS; 1SS;1RS; 4CS; 1OPT** | **10** | **20** | **17** | **2E,2V** | **10** | **14** | **13** | **3E** | **12** | **20** | **18** | **2E,2V** | **12** | **12** | **14** | **2E; 2V** | **280** | **650** | **770** | **60 +2*** ** |
| **TOTAL HOURS/CREDITS** | | | **27 hours/week - 30 ECTS/semester** | | | | | | | | **28 hours/week - 30 ECTS/semester + 2*** ** | | | | | | | | **930** | | | |

**Ratio theory/practical activity** (Practical activities, Internship, Seminar, Practice): **280/650: 1/ 2.32**; Ratio exams/verifications = **9E/6V**

* (56+14) – 56 hours in Hamburg Campus/module, 14 hours - dissection course

**: Compulsory, credited;

*** Physical Education – 2 extra ECTS

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; RS – Relevant Subject for the Program of Study; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clincal Internship; Pract. – practice; ECTS –Transferable European Credits

| RECTOR | VICERECTOR | DEAN | CHIEF SECRETARY |
|---|---|---|---|
| **Prof. Leonard Azamfirei, MD, PhD** | **Prof. Klara Brînzaniuc, MD, PhD**<br>**Prof. Oana Mărginean, MD, PhD** | **Assoc. Prof. Simona Mureșan, MD, PhD** | **Dan Groșan** |

# CURRICULUM – 2nd year
# 2023-2024

| | | | |
|---|---|---|---|
| **UNIVERSITY** | **"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES** | **SPECIALISATION** | **MEDICINE, ENGLISH (Hamburg, Germany)** |
| **FACULTY** | FACULTY OF MEDICINE IN ENGLISH | **TITLE** | PHYSICIAN |
| **FIELD OF STUDY** | HEALTH | **DURATION** | 6 YEARS |
| **LEVEL OF REGULATION** | SECTORIAL | **ECTS** | 360 (compulsory + optional) +10 ECTS Licence Exam |

| No | Educational activities Subjects | Code/ Type of subjects | I st Semester I (14 weeks) | | | | | | | | 2nd Semester (14 weeks) | | | | | | | | Total per academic year | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1st Module (7weeks) | | | | 2nd Module (7 weeks) | | | | 3rd Module (7 weeks) | | | | 4th Module (7 weeks) | | | | | | | |
| | | | Lect. | PA/Inter. / Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter/ Sem/Pr | ECTS | Type of Assessment | Lect. | Pa/Inter/ Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter. / Sem/Pr | Indiv. study | ECTS |
| 1 | Physiology (2) | MEH201/FS | 4 | 6 | 6 | E | | | | | | | | | | | | | 28 | 42 | 84 | 6 |
| 2 | Histology (1) | MEH202/FS | 4 | 6 | 6 | E | | | | | | | | | | | | | 28 | 42 | 84 | 6 |
| 3 | Romanian Language/ Cultural studies (2) | MEH203/CS | | | | | - | 4 | 2 | V | - | 4 | 2 | V | | | | | - | 56 | 56 | 4 |
| 4 | Anatomy (3) | MEH204/FS | | | | | 4 | 10(8+2)* | 8 | E | | | | | | | | | 28 | 70 | 105 | 8 |
| 5 | Patient-Doctor Communication | MEH205/CS | | | | | 4 | 4 | 4 | E | | | | | | | | | 28 | 28 | 56 | 4 |
| 6 | Medical Deontology. Bioethics. | MEH206/DS | | | | | 4 | - | 2 | V | | | | | | | | | 28 | - | 28 | 2 |
| 7 | Genetics | MEH207/FS | | | | | | | | | 4 | 6 | 6 | E | | | | | 28 | 42 | 84 | 6 |
| 8 | Physical Education (2) | MEH208/CS | | | | | | | | | - | 4 | 2 | V | | | | | - | 28 | 28 | 2 |
| 9 | Introduction in Practical Work | MEH209/RS | | | | | | | | | - | 2 | 3 | V | | | | | - | 14 | 63 | 3 |
| 10 | Physiology (3) | MEH210/FS | | | | | | | | | | | | | 4 | 6 | 6 | E | 28 | 42 | 84 | 6 |
| 11 | Histology (2) | MEH211/FS | | | | | | | | | | | | | 4 | 6 | 6 | E | 28 | 42 | 84 | 6 |
| 12 | First Aid | MEH212/SS | | | | | | | | | | | | | 4 | 4 | 5 | E | 28 | 28 | 70 | 5 |
| 13 | Speciality Practice | MEH213/SS | | | | | | | | | | | | | - | - | 2 | V | - | 160 | - | 2 |
| 14 | Optional subject** | OPT | 2 | - | 2 | V | | | | | | | | | | | | | 14 | - | 42 | 2 |
| **GRAND TOTAL** | | **6FS; 3CS; 2SS; 1DS; 1RS; 1OPT** | **10** | **12** | **14** | **2E; 1V** | **12** | **18** | **16** | **2E;2V** | **4** | **16** | **13** | **1E;3V** | **12** | **16** | **19** | **3E; 1V** | **266** | **594** | **868** | **60 +2*** ** |
| **TOTAL HOURS/CREDITS** | | | **26 hours/week - 30 ECTS/semester** | | | | | | | | **24 hours/week - 30 ECTS/semester + 2*** ** | | | | | | | | **860** | | | |

**Ratio theory/practical activity** (Practical activities, Internship, Seminar, Practice): **266/594: 1/ 2.23**; Ratio exams/verifications = **8E/7V**

*: 14 hours - dissection course

**: Compulsory, credited.

***Physical Education – 2 extra ECTS

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; RS – Relevant Subject for the Program of Study; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clincal Internship; Pract. – practice; ECTS –Transferable European Credits

| RECTOR | VICERECTOR | DEAN | CHIEF SECRETARY |
|---|---|---|---|
| **Prof. Leonard Azamfirei, MD, PhD** | **Prof. Klara Brînzaniuc, MD, PhD**<br>**Prof. Oana Mărginean, MD, PhD** | **Assoc. Prof. Simona Mureșan, MD, PhD** | **Dan Groșan** |

# CURRICULUM – 3rd year
# 2024-2025

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|---|---|---|---|
| **UNIVERSITY** | **"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES** | **SPECIALISATION** | **MEDICINE, ENGLISH (Hamburg, Germany)** |
| **FACULTY** | FACULTY OF MEDICINE IN ENGLISH | **TITLE** | PHYSICIAN |
| **FIELD OF STUDY** | HEALTH | **DURATION** | 6 YEARS |
| **LEVEL OF REGULATION** | SECTORIAL | **ECTS** | 360 (compulsory + optional) +10 ECTS Licence Exam |

| No | Educational activities Subjects | Code/ Type of subjects | I st Semester I (14 weeks) | | | | | | | | 2nd Semester (14 weeks) | | | | | | | | Total per academic year | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1st Module (7weeks) | | | | 2nd Module (7 weeks) | | | | 3rd Module (7 weeks) | | | | 4th Module (7 weeks) | | | | | | | |
| | | | Lect. | PA/Inter Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter./ Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter. / Sem/Pr | ECTS | Type of Assessment | Lect. | PA/Inter / Sem/Pr | Indiv. study | ECTS |
| 1 | Pathology (1) | MEH301/FS | 4 | 4 | 4 | E | | | | | | | | | | | | | 28 | 28 | 56 | 4 |
| 2 | Pharmacology (1) | MEH302/FS | 4 | 4 | 4 | E | | | | | | | | | | | | | 28 | 28 | 56 | 4 |
| 3 | Scientific Research Methodology | MEH303/CS | 2 | 2 | 2 | V | | | | | | | | | | | | | 14 | 14 | 28 | 2 |
| 4 | Pathophysiology (1) | MEH304/FS | 4 | 6 | 4 | E | | | | | | | | | | | | | 28 | 42 | 35 | 4 |
| 5 | Medical Semiology(1) | MEH305/DS | | | | | 4 | 6 | 5 | E | | | | | | | | | 28 | 42 | 56 | 5 |
| 6 | Surgical Semiology (1) | MEH306/DS | | | | | 4 | 6 | 5 | E | | | | | | | | | 28 | 42 | 56 | 5 |
| 7 | Bacteriology. Virusology.Parasitology (1) | MEH307/FS | | | | | 4 | 4 | 4 | E | | | | | | | | | 28 | 28 | 56 | 4 |
| 8 | Pathophysiology (2) | MEH308/FS | | | | | 2 | - | 2 | V | | | | | | | | | 14 | - | 42 | 2 |
| 9 | Hygiene, Environmental Health and Food Safety | MEH309/DS | | | | | | | | | 4 | 4 | 3 | E | | | | | 28 | 28 | 21 | 3 |
| 10 | Clinical Biochemistry. Immunology | MEH310/DS | | | | | | | | | 2 | 2 | 2 | V | | | | | 14 | 14 | 28 | 2 |
| 11 | Pharmacology (2) | MEH311/FS | | | | | | | | | 4 | 4 | 4 | E | | | | | 28 | 28 | 56 | 4 |
| 12 | Pathology (2) | MEH312/FS | | | | | | | | | 4 | 4(2+2) | 3 | E | | | | | 28 | 28 | 21 | 3 |
| 13 | Medical Semiology (2) | MEH313/DS | | | | | | | | | | | | | 4 | 6 | 4 | E | 28 | 42 | 35 | 4 |
| 14 | Surgical Semiology (2) | MEH314/DS | | | | | | | | | | | | | 4 | 6 | 4 | E | 28 | 42 | 35 | 4 |
| 15 | Bacteriology. Virusology. Parasitology (2) | MEH315/DS | | | | | | | | | | | | | 4 | 4(2+2) | 4 | E | 28 | 28 | 56 | 4 |
| 16 | Speciality Practice | MEH316/SS | | | | | | | | | | | | | - | - | 2 | V | - | 160 | - | 2 |
| 17 | Medical abilities * | MEH317/SS | | | | | | | | | | | | | - | - | 2 | V | - | 48 | - | 2 |
| 18 | Optional subject** | OPT | | | | | | | | | | | | | 2 | - | 2 | V | 14 | - | 42 | 2 |
| **GRAND TOTAL** | | **7FS; 7DS; 1CS; 2SS; 1OPT** | **14** | **16** | **14** | **3E/1V** | **14** | **16** | **16** | **3E;1V** | **14** | **14** | **12** | **3E;1V** | **14** | **16** | **18** | **3E;3V** | **392** | **642** | **679** | **60** |
| **TOTAL HOURS/CREDITS** | | | **30 hours/week - 30 ECTS/semester** | | | | | | | | **29 hours/week - 30 ECTS/semester** | | | | | | | | **1034** | | | |

**Ratio theory/practical activity** (Practical activities, Internship, Seminar, Practice): **392/642: 1/1.63;** Ratio exams/verifications = **12E/6V** *: Medical abilities – 12 h x 4 = 48 h.; **: Compulsory, credited.

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; DS - Domain Subject; OPT – Optional Subject.

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clincal Internship; Pract. – practice; ECTS –Transferable European Credits

**RECTOR**
**Prof. Leonard Azamfirei, MD, PhD**

**VICERECTOR**
**Prof. Anca Negovan, MD, PhD**

**Director**
**Assoc. Prof. Simona Mureșan, MD, PhD**

**CHIEF SECRETARY**
**Dan Groșan**

# CURRICULUM – 4th year
# 2025-2026

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|---|---|---|---|
| **UNIVERSITY** | **"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES** | **SPECIALISATION** | **MEDICINE, ENGLISH (Hamburg, Germany)** |
| **FACULTY** | FACULTY OF MEDICINE IN ENGLISH | **TITLE** | PHYSICIAN |
| **FIELD OF STUDY** | HEALTH | **DURATION** | 6 YEARS |
| **LEVEL OF REGULATION** | SECTORIAL | **ECTS** | 360 (compulsory + optional) +10 ECTS Licence Exam |

| **No.** | **Educational activities Subjects** | Code/ Type of subjects | **Semester I** (14 weeks) | | | | **Semester II** (14 weeks) | | | | **Total per academic year** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lecture | PA/Inter Sem/Pr | **ECTS** | Type of Assessement | Lecture | PA/Inter Sem/Pr | **ECTS** | Type of Assessement | **Lecture** | **PA/Inter Sem/Pr** | **Indiv. study** | **ECTS** |
| 1 | Orthopedics and Traumatology | MEH401/SS | 2 | 15 (3s) | 6 | E | | | | | 28 | 45 | 84 | 6 |
| 2 | General Surgery | MEH402/SS | 3 | 15 (6s) | 9 | E | | | | | 42 | 90 | 98 | 9 |
| 3 | Urology | MEH403/SS | 2 | 15 (3s) | 6 | E | | | | | 28 | 45 | 84 | 6 |
| 4 | Endocrinology | MEH404/SS | 2 | 2 | 3 | E | | | | | 28 | 28 | 21 | 3 |
| 5 | Pediatric surgery. Pediatric Orthopedics | MEH405/SS | 1 | 15 (1s) | 3 | E | | | | | 14 | 15 | 56 | 3 |
| 6 | Plastic, Esthetics and Reconstructive Microsurgery | MEH406/SS | 1 | 15 (1s) | 3 | E | | | | | 14 | 15 | 28 | 3 |
| 7 | Cardiology - Internal medicine (1) | MEH407/SS | | | | | 2 | 15 (9s) | 8 | E | 28 | 135 | 42 | 8 |
| 8 | Hematology – Internal medicine (1) | MEH408/SS | | | | | 1 | 15 (2s) | 2 | E | 14 | 30 | 7 | 2 |
| 9 | Emergency Medicine | MEH409/SS | | | | | 1 | 15 (2s) | 4 | E | 14 | 30 | 56 | 4 |
| 10 | Child care | MEH410/DS | | | | | 1 | 15 (1s) | 3 | E | 14 | 15 | 56 | 3 |
| 11 | Radiology and medical imaging | MEH411/SS | | | | | 2 | 1 | 3 | E | 28 | 14 | 42 | 3 |
| 12 | Occupational medicine and professional diseases | MEH412/SS | | | | | 1 | 1 | 2 | V | 14 | 14 | 28 | 2 |
| 13 | Oral-maxillo-facial Surgery | MEH413/SS | | | | | 1 | 1 | 2 | V | 14 | 14 | 28 | 2 |
| 14 | Speciality Practice | MEH414/SS | | | | | - | - | 2 | V | - | 160 | - | 2 |
| 15 | Medical abilities* | MEH415/SS | | | | | - | - | 2 | V | - | 48 | - | 2 |
| 16 | Optional course** | MEH416/OPT | | | | | 1 | - | 2 | V | 14 | - | 42 | 2 |
| **Grand Total** | | **14 SS; 1 DS; 1 OPT** | **11** | **17** | **30** | **6E** | **10** | **18** | **30** | **5E; 5V** | **294** | **698** | **672** | **60** |
| **TOTAL HOURS/CREDITS/SEM/YEAR** | | | **28 hours/week - 30 ECTS/semester** | | | | **28 hours/week - 30 ECTS/semester** | | | | **992** | | | |

**Ratio theory/practical activity** (Practical activities, Internship, Seminar, Practice): **294/698 : 1 / 2.37;** Ratio exams/verifications = **10E/5V**

*Medical abilities – 12 h x 4 = 48 h

**Compulsory, credited.

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clincal Internship; Pract. – practice; ECTS –Transferable European Credits

**RECTOR**
**Prof. Leonard Azamfirei, MD, PhD**

**VICERECTOR**
**Prof. Simona Muresan MD, PhD**

**DEAN**
**Prof. Simona Gurzu-Prundaru, MD, PhD**

**CHIEF SECRETARY**
**Dan Groșan**

# CURRICULUM – 5th year
# 2026-2027

| | | | |
|---|---|---|---|
| **UNIVERSITY** | **"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES** | **SPECIALISATION** | **MEDICINE, ENGLISH (Hamburg, Germany)** |
| **FACULTY** | FACULTY OF MEDICINE IN ENGLISH | **TITLE** | PHYSICIAN |
| **FIELD OF STUDY** | HEALTH | **DURATION** | 6 YEARS |
| **LEVEL OF REGULATION** | SECTORIAL | **ECTS** | 360 (compulsory + optional) +10 ECTS Licence Exam |

| 2 | **Educational activities Subjects** | Code/ Type of subjects | **Semester I** (14 weeks) | | | | **Semester II** (14 weeks) | | | | **Total per academic year** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lecture | PA/Inter Sem/Pr | **ECTS** | Type of Assessement | Lecture | PA/Inter Sem/Pr | **ECTS** | Type of Assessement | **Lecture** | **PA/Inter Sem/Pr** | **Indiv. study** | **ECTS** |
| 1 | Gastroenterology - Internal medicine (2) | MEH501/SS | 2 | 15 (7s) | 6 | E | | | | | 28 | 105 | 21 | 6 |
| 2 | Nephrology- Internal medicine (2) | MEH502/SS | 1 | (2s) | 3 | E | | | | | 14 | 30 | 35 | 3 |
| 3 | Diabetology and Nutritional Diseases- Internal medicine (2) | MEH503/SS | 1 | (2s) | 3 | E | | | | | 14 | 30 | 35 | 3 |
| 4 | ENT | MEH504/SS | 2 | 1 | 4 | E | | | | | 28 | 14 | 70 | 4 |
| 5 | Ophthalmology | MEH505/SS | 2 | 1 | 4 | E | | | | | 28 | 14 | 70 | 4 |
| 6 | Anesthesia-Intensive Care | MEH506/SS | 2 | 15 (3s) | 6 | E | | | | | 28 | 45 | 84 | 6 |
| 7 | Rheumatology | MEH507/SS | | | | | 1 | 15 (1s) | 2 | E | 14 | 15 | 56 | 2 |
| 8 | Rehabilitation, Physical Medicine and Balneology | MEH508/SS | | | | | 1 | 15 (1s) | 2 | E | 14 | 15 | 56 | 2 |
| 9 | Dermatology | MEH509/SS | | | | | 2 | 15 (1s) | 4 | E | 28 | 15 | 70 | 4 |
| 10 | Neurology | MEH510/SS | | | | | 2 | 15 (3s) | 6 | E | 28 | 45 | 84 | 6 |
| 11 | Pediatrics | MEH511/SS | | | | | 3 | 15 (7s) | 8 | E | 42 | 105 | 56 | 8 |
| 12 | Pneumology | MEH512/SS | | | | | 1 | 15 (1s) | 2 | E | 14 | 15 | 28 | 2 |
| 13 | Medical Oncology | MEH513/SS | | | | | 1 | 1 | 2 | V | 14 | 14 | 28 | 2 |
| 14 | Pediatric Psychiatry | MEH514/SS | | | | | 1 | 1 | 2 | V | 14 | 14 | 28 | 2 |
| 15 | Speciality Practice | MEH515/SS | | | | | - | - | 2 | V | - | 160 | - | 2 |
| 16 | Medical abilities* | MEH516/SS | - | - | 2 | V | | | | | - | 48 | - | 2 |
| 17 | Optional course** | MEH517/OPT | 1 | - | 2 | V | | | | | 14 | - | 42 | 2 |
| **Grand Total** | | **16 SS; 1 OPT** | **11** | **17** | **30** | **6E;2V** | **12** | **17** | **30** | **6E; 2V** | **322** | **684** | **763** | **60** |
| **TOTAL HOURS/CREDITS/SEM/YEAR** | | | **28 hours/week - 30 ECTS/semester** | | | | **29 hours/week - 30 ECTS/semester** | | | | **1006** | | | |

**Ratio theory/practical activity** (Practical activities, Internship, Seminar, Practice): **322/684 : 1 / 2.13;** Ratio exams/verifications = **12E/4V**

*Medical abilities – 12 h x 4 = 48 h

** Compulsory, credited.

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clincal Internship; Pract. – practice; ECTS –Transferable European Credits

**RECTOR**
**Prof. Leonard Azamfirei, MD, PhD**

**VICERECTOR**
**Prof. Simona Muresan MD, PhD**

**DEAN**
**Prof. Simona Gurzu-Prundaru, MD, PhD**

**CHIEF SECRETARY**
**Dan Groșan**

# CURRICULUM – 6th year
# 2027-2028

| | | | |
|---|---|---|---|
| **UNIVERSITY** | **"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES** | **SPECIALISATION** | **MEDICINE, ENGLISH (Hamburg, Germany)** |
| **FACULTY** | FACULTY OF MEDICINE IN ENGLISH | **TITLE** | PHYSICIAN |
| **FIELD OF STUDY** | HEALTH | **DURATION** | 6 YEARS |
| **LEVEL OF REGULATION** | SECTORIAL | **ECTS** | 360 (compulsory + optional) +10 ECTS Licence Exam |

| No. | Educational activities Subjects | Code/ Type of subjects | **Semester I** (14 weeks) | | | | **Semester II** (14 weeks) | | | | **Total per academic year** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lecture | PA/Inter Sem/Pr | **ECTS** | Type of Assessement | Lecture | PA/Inter Sem/Pr | **ECTS** | Type of Assessement | Lecture | PA/Inter Sem/Pr | **Indiv. study** | **ECTS** |
| 1 | Obstetrics-Gynecology. Neonatology (1) | MEH601/SS | 2+1 | 15 (6s) | 7 | E | | | | | 42 | 90 | 49 | 7 |
| 2 | Obstetrics-Gynecology. (2) | MEH602/SS | | | | | 2 | 15 (6s) | 7 | E | 28 | 90 | 63 | 7 |
| 3 | Infectious diseases (1) | MEH603/SS | 2 | 15 (4s) | 6 | E | | | | | 28 | 60 | 63 | 6 |
| 4 | Infectious diseases (2) | MEH604/SS | | | | | 1 | 15 (4s) | 6 | E | 14 | 60 | 77 | 6 |
| 5 | Family medicine | MEH605/SS | 2 | 15 (4s) | 6 | E | | | | | 28 | 60 | 70 | 6 |
| 6 | Epidemiology | MEH606/DS | 1 | 1 | 3 | V | | | | | 14 | 14 | 56 | 3 |
| 7 | Primary care | MEH607/DS | 1 | 1 | 3 | V | | | | | 14 | 14 | 56 | 3 |
| 8 | Palliative care | MEH608/SS | 1 | 1 | 3 | E | | | | | 14 | 14 | 56 | 3 |
| 9 | Psychiatry | MEH609/SS | | | | | 2 | 15 (3s) | 5 | E | 28 | 45 | 56 | 5 |
| 10 | Medical Psychology and Sociology. Behavioural Science | MEH610/CS | | | | | 2 | 2 | 4 | E | 28 | 28 | 56 | 4 |
| 11 | Public health | MEH611/DS | | | | | 1 | 1 | 2 | V | 14 | 14 | 28 | 2 |
| 12 | Health management | MEH612/DS | | | | | 1 | 1 | 2 | V | 14 | 14 | 28 | 2 |
| 13 | Forensic Medicine | MEH613/SS | | | | | 1 | 1 | 2 | E | 14 | 14 | 28 | 2 |
| 14 | Medical abilities* | MEH614/SS | | | | | - | - | 2 | V | 0 | 48 | - | 2 |
| 15 | Preparation of graduation thesis | MEH615/SS | | | | | | | | | 0 | 160 | - | 0 |
| 16 | Optional Course** | OPT | 1 | - | 2 | V | | | | | 14 | 0 | 42 | 2 |
| **Grand Total** | | **10SS; 4DS; 1CS;1 OPT** | **11** | **19** | **30** | **4E;3V** | **10** | **20** | **30** | **5E; 3V** | **294** | **725** | **728** | **60** |
| **TOTAL HOURS/CREDITS/SEM/YEAR** | | | **30 hours/week - 30 ECTS/semester** | | | | **30 hours/week - 30 ECTS/semester** | | | | **1019** | | | |

**Ratio theory/practical activity** (Practical activities, Internship, Seminar, Practice): **294/725 : 1 / 2,5**; Ratio exams/verifications = **9E/6V**

***** Medical abilities – 12 h x 4 = 48 h,

****** Compulsory, credited.

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; RS – Relevant Subject for the Program of Study; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clinical Internship; Pract. – practice; ECTS –Transferable European Credits

**Total hours in 6 years = 5841** (**5 673 hours,** without *Physical Education* and *Romanian Language* – **168 hours**)

**Ratio theory/practical activity** (without *Physical Education* and *Romanian Language*) **1848/3993 : 1/2,16**

| RECTOR | VICERECTOR | DEAN | CHIEF SECRETARY |
|---|---|---|---|
| **Prof. Leonard Azamfirei, MD, PhD** | **Prof. Simona Muresan** | **Prof. Simona Gurzu-Prundaru, MD, PhD** | **Dan Groșan** |

## ELECTIVE SUBJECTS - 2023/2024
## MEDICINE English (Hamburg, Germany) – MEH

| No. | Year of study | Module | Code / Subject | Teacher |
|---|---|---|---|---|
| 1. | I | 1 | MEH114.1 Fundamentals of Chemistry | Lecture - Prof. Amelia Tero-Vescan |
| 2. | | 2 | MEH114.2 Fundamentals of Physics | Lecture – Lecturer Adrian Muresan |
| 3. | | 4 | MEH114.3 Fundamentals of Biology | Lecture - Lecturer Ancuta Zazgyva |
| 4. | II | 1 | MEH214.1 History of medicine | Lecture - Conf. Dr. Dénes Lóránd |
| 5. | | 2 | MEH214.2 Clinical anatomy | Lecture - Conf. dr. Ioana Balgradean |
| 6. | | 4 | MEH214.3 Legal responsabilities of medical profession | Lecture - Conf. Dr. Cosmin Popa |
| 7. | III | 1 | MEH318.1 Historical impact of drug discoveries | Lecture - Lecturer Erika Ban |
| 8. | | 1 | MEH318.2 Evidence-based medicine | Lecture - Prof. Lucian Puscasiu |
| 9. | | 3 | MEH318.3 Case-based pathology | Lecture - Lecturer Laura Banias |
| 10. | | 3 | MEH318.4 Emergencies in Pharmacology | Lecture - Lecturer Erika Ban |
| 11. | III+IV | 1 | MEH318.5/ MEH416.1 Clinical Ultrasound | External collaborator |
| 12. | | 1 | MEH318.6 / MEH416.2 Translational Medicine | Lecture - Prof. Mark Slevin |
| 13. | | 3 | MEH318.7/ MEH416.3 End-of-care and the art of symptoms | External collaborator |
| 15. | IV | 3 | MEH416.4 The management of cardiac arrhythmias | External collaborator |
| 16. | | 3 | MEH416.5 Brest Surgery | Lecture - Lecturer Bauer Orsolya |
| 17. | V | 1 | MEH517.1 Disaster Medicine | External collaborator |
| 18. | | 1 | MEH517.2 Digestive Endoscopy | Lecture - Lecturer Melania Macarie |
| 19. | | 1 | MEH517.3 Osteo-ligamental trauma; diagnosis to treatment – from cast to artificial joint | External collaborator |
| 20. | | 3 | MEH517.4 Allergology | Lecture - Lecturer Erika Ban |
| 21. | | 3 | MEH517.5 Interventional Cardiology | Lecture - Prof. Ioan Tilea |
| 22. | | 3 | MEH517.6 Neurosurgery | External collaborator |
| 23. | IV+V | 1 | MEH416.6/ MEH517.7 Toxicology | Lecture - Lecturer Erika Ban |
| 24. | | 3 | MEH416.7/ MEH517.8 Professional communication in medicine | External collaborator |
| 25. | | 3 | MEH416.8 / MEH517.9 Health Economics | External collaborator |

## ELECTIVE SUBJECTS - 2024/2025, MEDICINE English (Hamburg, Germany)

| No. | Year | Module/ Semester | Code / Subject | Teacher (UMFST and associated teachers) |
|---|---|---|---|---|
| 1. | I | 1 | MEH114.1 Fundamentals of Chemistry | Prof. Amelia Tero-Vescan |
| 2. | | 2 | MEH114.2 Fundamentals of Physics | Lecturer Adrian Muresan |
| 3. | | 4 | MEH114.3 Fundamentals of Biology | Lecturer Ancuta Zazgyva |
| 4. | II | 3 | MEH214.1 History of medicine | Assoc. Prof. Ioana Balgradean |
| 5. | | 2 | MEH214.2 Clinical anatomy | Assoc. Prof.Dénes Lóránd |
| 6. | | 4 | MEH214.3 Health Low and EU Health Policy *(on-line)* | Dr. Charalambos Dokos - *Lüdenscheid Hospital* |
| 7. | III | 1 | MEH318.1 Historical impact of drug discoveries | Lecturer Erika Ban |
| 8. | | 3 | MEH318.2 Case-based pathology | Lecturer Laura Banias |
| 9. | | 3 | MEH318.3 Emergencies in Pharmacology | Lecturer Erika Ban |
| 10. | III+IV | 1 | MEH318.4/ MEH416.1 Clinical Ultrasound | Hon. Prof. Vogt – *Moers Hospital* |
| 11. | | 3 | MEH318.5/ MEH416.2 End-of-care and the art of symptoms | Prof. Lübbe – *Bad Lippspringe Hospital* |
| 12. | IV | 3 | MEH416.3 The management of cardiac arrhythmias | Hon. Prof. Schwacke – *Speyer Hospital* |
| 13. | | 3 | MEH416.4 Brest Surgery | Lecturer Bauer Orsolya |
| 14. | | 1 | MEH417.4 Osteo-ligamental trauma; diagnosis to treatment – from cast to artificial joint | Dr. Michael Jonas - *Moers Hospital*<br>Dr. Stephan Haller - *Moers Hospital* |
| 15. | V | I | MEH517.1 Disaster Medicine | Dr. Robin Fritzemeier - *Mettmann Hospital* |
| 16. | | I | MEH517.2 Digestive Endoscopy | Lecturer Melania Macarie |
| 17. | | I | MEH517.3 Emergency Techniques in Orthopedic Trauma | Dr. Michael Klein - *Lüdenscheid Hospital* |
| 18. | | II | MEH517.4 Allergology | Lecturer Erika Ban |
| 19. | | II | MEH517.5 Interventional Cardiology | Prof. Ioan Tilea |
| 20. | | II | MEH517.6 International Organisation and Management of the Emergency Department | Dr. Bald Markus - *Lüdenscheid Hospital* |
| 21. | IV+V | I | MEH416.5/ MEH517.7 Toxicology | Lecturer Erika Ban |
| 22. | | II | MEH416.6/ MEH517.8 Professional communication in medicine | Prof. Lübbe- *Bad Lippspringe Hospital* |
| 23. | VI | I | MEH616.1 Diabetes mellitus: Medical therapy and devices | Hon. Prof. Berg – *Mettmann Hospital* |
| 24. | | I | MEH616.3 Law and Medical Career | Hon. Prof. Naumann - *Hamburg* |
| 25. | | II | MEH616.2 Basics of Ultrasound in ENT and Dermatology | Dr. Dorothee Dill- *Lüdenscheid Hospital*<br>Dr. Benedikt Knof - *Lüdenscheid Hospital* |

## ELECTIVE SUBJECTS - 2025/2026, MEDICINE English (Hamburg, Germany) – MEH

| No. | Year | Code / Subject | Teacher (UMFST and associated teachers) |
|---|---|---|---|
| 1. | I | MEH 110.1 / MEH 115.1 Fundamentals of Chemistry | Lecturer Jitca George |
| 2. | | MEH 110.2 / MEH 115.2 Fundamentals of Physics | Lecturer Adrian Muresan |
| 3. | | MEH 110.3 / MEH 115.3 Fundamentals of Biology | Lecturer Ancuta Zazgyva |
| 4. | II | MEH 214.1 History of medicine | Assoc. Prof. Ioana Balgradean |
| 5. | | MEH 214.2 Clinical Anatomy | Assoc. Prof. Dénes Lóránd |
| 6. | | MEH 214.3 Health Low and EU Health Policy | Dr.Med. Charalambos Dokos - *Lüdenscheid Hospital* |
| 7. | III | MEH 318.1 Historical impact of drug discoveries | Lecturer Erika Ban |
| 8. | | MEH 384.2 Emergencies in Pharmacology | Lecturer Erika Ban |
| 9. | | MEH 318.3 Case-based pathology | Lecturer Laura Banias |
| 10. | III + IV | MEH 318.4 / MEH 416.1 Clinical Ultrasound | Prof. Simona Mureșan |
| 11. | IV | MEH 416.2 Brest Surgery | Lecture - Lecturer Bauer Orsolya |
| 12. | | MEH 416.3 Osteo-ligamental trauma; diagnosis to treatment – from cast to artificial joint | Dr.Med.Michael Jonas - *Moers Hospital* |
| 13. | | MEH 416.4 The management of cardiac arrhythmias | Prof. Dr. med.Schwacke – *Speyer Hospital* |
| 14. | | MEH 416.5 Professional communication in medicine | Prof. Andreas Lubbe |
| 15. | V | MEH 517.1 Digestive endoscopy | Lecture - Lecturer Melania Macarie |
| 16. | | MEH 517.2 Disaster medicine | Dr. Robin Fritzemeier - *Mettmann Hospital* |
| 17. | | MEH 517.3 Toxicology | Lecturer Erika Ban |
| 18. | | MEH 517.4 Allergology | Lecturer Erika Ban |
| 19. | | MEH 517.5 Interventional Cardiology | Prof. Tilea Ioan |
| 20. | | MEH 517.6 Neurosurgery | Dr. Med. Jakob Cornelius, *Opladen Hospital* |
| 21. | VI | MEH 616.1 Medicine of Sexuality | Prof. Porav-Hodade Daniel |
| 22. | | MEH 616.2 Diabetes mellitus: Medical therapy and devices | Prof. Christian Berg – *Mettmann Hospital* |
| 23. | | MEH 616.3 Law and Medical Career | External collaborator |
| 24. | | MEH 616.4 Advanced Interdisciplinary Ultrasound Course | Hon. Prof. Dr.med. Christof Vogt |

## FACULTATIVE SUBJECTS - 2025/2026, MEDICINE English (Hamburg, Germany) – MEH

| No. | Year | Code / Subject | Teacher |
|---|---|---|---|
| 1. | I | MEH 117 Physical education ( 28 hours) | UMFST Sport Department |