

**LIST OF COURSE UNITS FOR  
MEDICINE SCIENTIFIC FIELD  
DOCTORAL STUDIES AT VILNIUS UNIVERSITY**

<b>FACULTY</b>	<b>SCIENTIFIC FIELD</b>	<b>CODE OF THE SCIENTIFIC FIELD</b>
Faculty of Medicine	Medicine	M 001
<b>Course Unit Title</b>	<b>ECTS credits (hours)</b>	<b>Title of Department/Clinic Coordinating lecturer</b>
<b>MANDATORY COURSE UNIT</b>		
<b>One of the course units offered below is chosen, or the corresponding mandatory 5-credit course can be taken by the doctoral student at another VU faculty (if one is offered) or at a foreign university</b>		
Biomedical Statistics	5 (134 hours)	Institute of Biomedical sciences Department of Human and Medical Genetics Prof. Dr. Audronė Jakaitienė
Biostatistics in Public Health	5 (135 hours)	Institute of Health Sciences Department of Public Health Assist. Prof. Dr. Donatas Austys
Biostatistics (in English, the exact title of the subject and the description of the module is given when the course is announced)	5 (134 hours)	Foreign lecturer (e.g., Prof. Dr. Nick Mascie-Taylor from University of Cambridge)
<b>ELECTIVE COURSE UNITS</b>		
<b>INSTITUTE OF BIOMEDICAL SCIENCES</b>		
<b>Department of Anatomy, Histology and Anthropology</b>		
1. Anthropometry and Other Methods of Human Body Investigation	8 (212 hours)	Assoc. Prof. Dr. Eglė Marija Jakimavičienė
2. Tissue Morphology and Histophysiology	10 (265 hours)	Prof. Dr. Renata Šimkūnaitė-Rizgeliene
3. Functional Neuroanatomy	8 (212 hours)	Assoc. Prof. Dr. Arūnas Barkus
4. Clinical Anatomy of the Head and Neck	8 (216 hours)	Prof. Dr. HP Janina Tutkuvienė
5. Clinical Anatomy of the Limbs	8 (212 hours)	Prof. Dr. HP Janina Tutkuvienė
6. Clinical Anatomy of the Trunk Region	8 (212 hours)	Prof. Dr. HP Janina Tutkuvienė
7. Paleopathology	6 (160 hours)	Prof. Dr. HP Rimantas Jankauskas
8. Clinical Anatomy of the Cardiovascular System	8 (212 hours)	Prof. Dr. HP Janina Tutkuvienė
9. Human Anatomy and Histology (for non-medical students)	10 (265 hours)	Prof. Dr. Violeta Žalgevičienė
<b>Department of Physiology, Biochemistry, Microbiology and Laboratory Medicine</b>		
10. Clinical Biochemistry	8 (212 hours)	Assoc. Prof. Dr. Dovilė Karčiauskaitė
11. Clinical Immunology	7 (189 hours)	Assoc. Prof. Dr. Loreta Bagdonaitė

12. Laboratory Haematology	9 (243 hours)	Assoc. Prof. Dr. Rėda Matuzevičienė
13. Medical Microbiology	9 (243 hours)	Assoc. Prof. Dr. Tomas Kačergius
14. Human Metabolism, its Regulation and Disorders	8 (212 hours)	Prof. Dr. HP Arvydas Kaminskas
15. Cardiovascular Physiology	7 (186 hours)	Assoc. Prof. Dr. Valerija Jablonskienė
16. Human Physiology	10 (265 hours)	Prof. Dr. HP Algis Jonas Abaravičius
17. Human Neurophysiology	7 (186 hours)	Prof. Dr. Vaiva Hendrixson
<b>Department of Pathology, Forensic Medicine and Pharmacology</b>		
18. Clinical Forensic Medicine	9 (240 hours)	Asist. Dr. Sigitas Chmieliauskas
19. Forensic Examinations of the Deceased Persons	9 (240 hours)	Asist. Dr. Sigitas Laima
20. Legal Knowledge and Deontology in Forensic Medicine Practice	9 (240 hours)	Assoc. Prof. Dr. Jurgita Stasiūnienė
21. Drug Utilisation Research	5 (133 hours)	Prof. Dr. Jolanta Gulbinovič
<b>Department of Radiology, Nuclear Medicine and Medical Physics</b>		
22. Radiological Anatomy	8 (212 hours)	Prof. Dr. Algirdas Edvardas Tamošiūnas
23. Modern Radiological Diagnosis of Tumours	10 (265 hours)	Prof. Dr. Algirdas Edvardas Tamošiūnas
<b>Department of Human and Medical Genetics</b>		
24. Medical Genetics	10 (270 hours)	Prof. Dr. Eglė Preikšaitienė
25. Molecular Human Genetics and Genome Analysis	10 (270 hours)	Assoc. Prof. Dr. Laima Ambrozaitytė
26. Population Genetics and Genomics	9 (243 hours)	Asist. Dr. Alina Urnikytė
27. Human Genetics	10 (270 hours)	Asist. Dr. Ingrida Domarkienė
<b>INSTITUTE OF CLINICAL MEDICINE</b>		
<b>Clinic of Obstetrics and Gynecology</b>		
28. Clinical Obstetrics and Gynaecology	9 (243 hours)	Prof. Dr. Diana Ramašauskaitė
29. Female Age-related Physiological and Pathological Changes	7 (189 hours)	Prof. Dr. Diana Ramašauskaitė
30. Perinatal Medicine, Fetal Development and Pathological Conditions	9 (243 hours)	Prof. Dr. Diana Ramašauskaitė
<b>Clinic of Anesthesiology and Intensive Care</b>		
31. Multiple Organ System Failure	10 (270 hours)	Prof. Dr. HP Jūratė Šipylaitė
32. Clinical Anaesthesiology	10 (270 hours)	Prof. Dr. HP Jūratė Šipylaitė
33. Regional Anaesthesia	5 (135 hours)	Prof. Dr. HP Jūratė Šipylaitė
34. Sepsis	5 (135 hours)	Prof. Dr. HP Jūratė Šipylaitė
<b>Clinic of Ear, Nose, Throat and Eye Diseases</b>		
35. Surgical Otorhinolaryngology	8 (216 hours)	Prof. Dr. Eugenijus Lesinskas
36. Clinical Otorhinolaryngology	10 (270 hours)	Prof. Dr. Eugenijus Lesinskas
37. Clinical Ophthalmology	10 (270 hours)	Prof. Dr. Rimvydas Stanislovas Ašoklis

38. Ophthalmological Investigational Methods	8 (216 hours)	Prof. Dr. Rimvydas Stanislovas Ašoklis
<b>Clinic of Gastroenterology, Nephrourology and Surgery</b>		
39. General Urology	7 (196 hours)	Assoc. Prof. Dr. Arūnas Želvys
40. Endocrine Surgery	8 (212 hours)	Prof. Habil. Dr. Kęstutis Strupas
41. Hepatic-pancreatic-biliary Surgery	8 (212 hours)	Prof. Habil. Dr. Kęstutis Strupas
42. Hepatopancreatobiliary Diseases	9 (240 hours)	Assoc. Prof. Dr. Goda Sadauskaitė
43. Interventional Nephrology	9 (239 hours)	Prof. Dr. Marius Miglinas
44. Coloproctology	8 (212 hours)	Prof. Dr. Tomas Poškus
45. Minimally Invasive Surgery	8 (212 hours)	Prof. Habil. Dr. Kęstutis Strupas
46. Urooncology	7 (196 hours)	Prof. Dr. HP Feliksas Jankevičius
47. Renal Replacement Therapy	9 (239 hours)	Prof. Dr. Marius Miglinas
48. Abdominal Surgery and Transplantology	10 (265 hours)	Prof. Habil. Dr. Kęstutis Strupas
49. Paediatric Surgery	9 (243 hours)	Assoc. Prof. Dr. Gilvydas Verkauskas
50. Clinical Nutrition in Internal Diseases	5 (133 hours)	Asist. Dr. Edita Gavelienė
51. Pharmacotherapy of Digestive System Diseases	9 (240 hours)	Assoc. Prof. Dr. Ieva Stundienė
<b>Clinic of Infectious Diseases and Dermatovenereology</b>		
52. Dermatology	8 (216 hours)	Prof. Dr. Matilda Bylaitė-Bučinskienė
53. Infectious Diseases: Diagnosis, Therapy and Prevention	10 (270 hours)	Prof. Dr. Raimonda Matulionytė
54. Sexually Transmitted Infections	8 (216 hours)	Prof. Dr. Matilda Bylaitė-Bučinskienė
<b>Clinic of Chest Diseases, Immunology, and Allergology</b>		
55. Infectious and Neoplastic Diseases of the Lungs and Pleura	9 (240 hours)	Prof. Dr. HP Edvardas Danila
56. Interstitial and Rare Lung Diseases	9 (240 hours)	Prof. Dr. HP Edvardas Danila
57. Thoracic Surgery	9 (240 hours)	Assoc. Prof. Habil. Dr. Ričardas Janilionis
58. Respiratory Functional System, Obstructive and Vascular Diseases of the Lungs	9 (240 hours)	Prof. Dr. HP Edvardas Danila
59. Minimally Invasive Thoracic Surgery	8 (212 hours)	Assoc. Prof. Habil. Dr. Ričardas Janilionis
60. Molecular Allergology	5 (135 hours)	Prof. Dr. Laura Malinauskienė
61. Drug Hypersensitivity	8 (216 hours)	Prof. Dr. Laura Malinauskienė
<b>Clinic of Neurology and Neurosurgery</b>		
62. Degenerative Diseases of the Spine	7 (189 hours)	Asist. Dr. Gunaras Terbetas
63. Dementia and Cognitive Neurology	7 (189 hours)	Prof. Dr. Gintaras Ferdinandas Kaubrys

64. Demyelinating Diseases of the Central Nervous System	7 (189 hours)	Assoc. Prof. Dr. Rasa Kizlaitienė
65. Epilepsy and Other Seizure Disorders	7 (189 hours)	Assoc. Prof. Dr. Rūta Mameniškienė
66. Head and Spine Trauma	7 (189 hours)	Prof. Dr. Saulius Ročka
67. Headache Disorders	6 (162 hours)	Assoc. Prof. Dr. Kristina Ryliškiene
68. Cerebrovascular Disorders	7 (189 hours)	Prof. Dr. Dalius Jatužis
69. Movement Disorders	7 (189 hours)	Assoc. Prof. Dr. Rūta Kaladytė Lokominienė
70. Neurologic Vascular Surgery	7 (189 hours)	Asist. Dr. Robertas Kvaščevičius
71. Neurooncology	7 (189 hours)	Prof. Dr. Saulius Ročka
72. Diseases of Peripheral Nervous System and Neuromuscular Disorders	7 (189 hours)	Asist. Dr. Aušra Klimašauskienė
73. Ultrasound and Neurophysiological Investigations of the Nervous System	7 (189 hours)	Prof. Dr. Dalius Jatužis
74. Urgent Neurology	7 (189 hours)	Prof. Dr. Dalius Jatužis
<b>Clinic of Psychiatry</b>		
75. Clinical Psychopharmacology	6 (160 hours)	Prof. Dr. Alvydas Navickas
76. Psychosocial Rehabilitation and Communities Psychiatry	8 (212 hours)	Prof. Dr. Arūnas Germanavičius
77. Child and Adolescent Psychiatry	8 (212 hours)	Prof. Dr. Sigita Lesinskienė
<b>Clinic of Rheumatology, Orthopaedics Traumatology and Reconstructive Surgery</b>		
78. Autoimmune Process in Rheumatology	8 (212 hours)	Prof. Habil. Dr. Irena Butrimienė
79. Rheumatology and Musculoskeletal System	9 (240 hours)	Prof. Habil. Dr. Irena Butrimienė
80. Head and Neck Reconstructive Surgery	9 (240 hours)	Asist. Dr. Giedrė Stundžaitė Baršauskienė
81. Clinical Traumatology	10 (270 hours)	Prof. Dr. Valentinas Uvarovas
82. Oncosurgery of Breast	8 (212 hours)	Asist. Dr. Nerijus Jakutis
83. Reconstructive Breast Surgery	8 (216 hours)	Asist. Dr. Nerijus Jakutis
84. Chest and Trunk Reconstructive Surgery	9 (240 hours)	Asist. Dr. Nerijus Jakutis
85. Orthopaedic Diseases	10 (270 hours)	Prof. Dr. Valentinas Uvarovas
86. Peripheral Nerve Surgery	8 (212 hours)	Assoc. Prof. Dr. Vytautas Tutkus
87. Basics of Hand Surgery	7 (186 hours)	Assoc. Prof. Dr. Vytautas Tutkus
88. Polytrauma	10 (270 hours)	Prof. Dr. Valentinas Uvarovas
89. Basics of Reconstructive Surgery	9 (240 hours)	Asist. Dr. Nerijus Jakutis
90. Vertebrology	6 (160 hours)	Prof. Dr. Valentinas Uvarovas
<b>Clinic of Emergency Medicine</b>		
91. Emergency Medicine	8 (212 hours)	Prof. Dr. Pranas Šerpytis
<b>Clinic of Cardiovascular Diseases</b>		

92. Diagnostic Methods for Early Manifestations of Atherosclerosis	8 (212 hours)	Prof. Habil. Dr. Aleksandras Laucevičius
93. Congenital Heart Defects: Diagnostics and Surgery	6 (160 hours)	Prof. Dr. Virgilijus Tarutis
94. Diagnosis and surgical treatment of valvular heart diseases	6 (160 hours)	Prof. Dr. HP Kęstutis Ručinskas
95. Myocardial Perfusion Metabolism Function	6 (160 hours)	Prof. Dr. Sigita Glaveckaitė
96. Transcatheter Diagnostics and Treatment Methods of Cardiovascular Diseases	6 (162 hours)	Prof. Dr. HP Audrius Aidietis
97. Cardiac arrhythmia	8 (212 hours)	Prof. Dr. HP Audrius Aidietis
98. Surgical Treatment of Heart Failure and Ischemic Heart Disease	9 (240 hours)	Prof. Dr. HP Kęstutis Ručinskas
<b>Clinic of Children's Diseases</b>		
99. Clinical Neonatology	9 (240 hours)	Assoc. Prof. Dr. Arūnas Liubšys
100. Clinical Paediatrics	10 (270 hours)	Prof. Dr. Rimantė Čerkauskienė
101. Paediatric Allergology	6 (160 hours)	Prof. Dr. Odilija Rudzevičienė
102. Paediatric Gastroenterology and Dietetics	6 (162 hours)	Prof. Dr. Vaidotas Urbonas
103. Paediatric Infectious Diseases and Their Control (PID)	7.5 (200 hours)	Asist. Dr. Inga Ivaškevičienė
104. Paediatric Intensive Care: Possibilities of Recovery and Function Support of Acute Organ Failure	6 (162 hours)	Asist. Dr. Virginija Žilinskaitė
105. Paediatric Cardiology	6 (160 hours)	Assoc. Prof. Dr. Odeta Kinčinienė
106. Paediatric Nephrology	6 (162 hours)	Prof. Dr. Augustina Jankauskienė
107. Paediatric Neurology	7 (202 hours)	Assoc. Prof. Dr. Jurgita Grikinienė
108. Paediatric Oncology and Haematology	6 (162 hours)	Assoc. Prof. Dr. Jelena Rascon
109. Paediatric Pulmonology	8 (216 hours)	Prof. Habil. Dr. Arūnas Valiulis
110. Paediatric Rheumatology	6 (160 hours)	Assoc. Prof. Dr. Violeta Vladislava Panavienė
<b>Clinic of Internal Diseases, Family Medicine and Oncology</b>		
111. General Endocrinology	8 (216 hours)	Assoc. Prof. Dr. Žydrūnė Visockienė
112. Family and Community Health	8 (212 hours)	Asist. Dr. Sonata Varvuolytė
113. Fundamentals of Care for Multiple Diseases in Family Medicine	5 (135 hours)	Prof. Dr. Vytautas Kasiulevičius
114. Clinical Dietetics	5 (135 hours)	Assoc. Prof. Dr. Violeta Ožeraitienė
115. Obesity and Endocrine Hypertension	5 (135 hours)	Assoc. Prof. Dr. Žydrūnė Visockienė
116. Obesity, Metabolic Syndrome, and Basics of	5 (135 hours)	Asist. Dr. Agnė Abraitienė

Diabetology		
117. Anticancer Immunity, Immunotherapy in Cancer Management	5 (135 hours)	Assoc. Prof. Dr. Vincas Urbonas
118. The Ageing Process and Geriatric Medicine	8 (212 hours)	Asist. Dr. Asta Mastavičiūtė
119. Cancer Radiotherapy and Systemic Treatment	5 (135 hours)	Assoc. Prof. Dr. Vincas Urbonas
<b>INSTITUTE OF ODONTOLOGY</b>		
120. Traumatic Dental and Maxillofacial Injuries	8 (212 hours)	Prof. Dr. Vytautė Pečiulienė
121. Application of Regeneration Techniques in Odontology	8 (212 hours)	Prof. Dr. Vytautė Pečiulienė
122. Radiological Diagnosis of Diseases of the Maxillofacial Region	7 (186 hours)	Asist. Dr. Deimantė Ivanauskaitė
<b>INSTITUTE OF HEALTH SCIENCES</b>		
<b>Centre for Health Ethics, Law and History</b>		
123. History of Medicine	8 (216 hours)	Asist. Dr. Aistis Žalnora
124. Health Research Ethics	9 (243 hours)	Prof. Dr. Eugenijus Gefenas
<b>Department of Rehabilitation, Physical and Sports Medicine</b>		
125. Comprehensive Rehabilitation in Patients after Cerebrovascular Disorders	8 (212 hours)	Prof. Dr. Juozas Raistenskis
126. Assessment of Mobility Impairments	9 (240 hours)	Assoc. Prof. Dr. Aurelija Šidlauskienė
127. Rehabilitation after Spinal Cord Injuries	8 (212 hours)	Prof. Dr. Juozas Raistenskis