SUBJECT: HISTOLOGY AND EMBRYOLOGY
ACADEMIC YEAR 2026/2027

Medical doctor programme – English Division, Year 1
90 teaching hours = 16 h lectures + 74 h practical classes

SCHEDULE AND TOPICS OF LECTURES

Lectures take place in the lecture hall 306, University Library

No.	Lecture date	Topic
		WINTER SEMESTER
1.	19.11.2026	Epithelial tissue. Connective tissues.
2.	26.11.2026	Bone and cartilage. Bone ossification.
3.	10.12.2026	Nerve tissue. Histology of the nervous system.
4.	14.01.2027	Cardiovascular and respiratory system.
		SUMMER SEMESTER
5.	25.02.2027	Gastrointestinal tract. Liver and bile ducts. Pancreas.
6.	04.03.2027	Special senses. Skin.
7.	11.03.2027	Endocrine system.
8.	01.04.2027	Female reproductive system. Mammary glands.

SCHEDULE AND TOPICS OF PRACTICAL CLASSES

Microscopic Laboratories No. 2 and No. 5, Department of Anatomy and Histology, Collegium Anatomicum

No.	Class dates	Topic	Range of material
		WINTER SEMESTER	
1.	27.11.2026 30.11.2026	Epithelial tissue. Glands and their classification. Connective tissue proper.	Junqueira: Chapters 4 and 5 + Lecture 1
2.	04.12.2026 07.12.2026	Connective tissues: embryonic and specialized. Adipose tissue. Bone and cartilage. Bone ossification.	Junqueira: Chapters 6, 7 and 8 + Lecture 2
3.	11.12.2026 14.12.2026	Nerve tissue and nervous system.	Junqueira: Chapter 9 + Lecture 3

4.	18.12.2026 21.12.2026	Muscle tissue.	Junqueira: Chapter 10
5.	11.01.2027 15.01.2027	Blood. Bone marrow. Hematopoiesis.	Junqueira: Chapters 12 and 13 + Lecture 3
6.	18.01.2027 22.01.2027	The cardiovascular system. The respiratory system.	Junqueira: Chapters 11 and 17 + Lecture 4
	21.01.2027	**THEORETICAL COLLOQUIUM 1.**	Classes 1–5; Lectures 1, 2, 3; Additional lectures
	25.01.2027 **29.01.2027**	**PRACTICAL COLLOQUIUM 1.**	Classes 1–5
7.	25.01.2027 29.01.2027	The immune system and lymphoid organs.	Junqueira: Chapter 14
SUMMER SEMESTER[1]			
8.	22.02.2027 26.02.2027	Gastrointestinal tract.	Junqueira: Chapter 15
9.	01.03.2027 05.03.2027	Gastrointestinal tract. Salivary glands. Liver and bile ducts. Pancreas.	Junqueira: Chapter 16 + Lecture 5
10.	08.03.2027 12.03.2027	Eye and ear. Skin.	Junqueira: Chapters 18 and 23 + Lecture 6
	15.03.2027 **19.03.2027**	**PRACTICAL COLLOQUIUM 2.**	Classes 6–10
	18.03.2027	**THEORETICAL COLLOQUIUM 2.**	Classes 6–10; Lectures 4, 5, 6; Additional lectures
11.	15.03.2027 19.03.2027	Endocrine system.	Junqueira: Chapter 20 + Lecture 7
12.	22.03.2027 02.04.2027	Kidney and urinary tract. Male reproductive system. Spermatogenesis.	Junqueira: Chapters 19 and 20 Langman: Chapter 2
13.	05.04.2027 09.04.2027	Female reproductive system. Oogenesis. Mammary glands.	Junqueira: Chapter 22 Langman: Chapter 2 + Lecture 8
14.	12.04.2027 16.04.2027	Fertilization. Implantation. Gastrulation. Embryonic germ layers: ectoderm, endoderm and mesoderm and their differentiation. Fetal membranes. Placenta and umbilical cord. Birth defects and prenatal diagnosis.	Langman: Chapters 3–9
15.	19.04.2027 23.04.2027	Development of musculoskeletal (locomotor) system. Cardiovascular and respiratory system development. Development of the digestive system.	Langman: Chapters 10–15
	26.04.2027 **30.04.2027**	**PRACTICAL COLLOQUIUM 3.**	Classes 11–15
	29.04.2027	**THEORETICAL COLLOQUIUM 3.**	Classes 11–15; Lectures 7 and 8; Additional lectures
16.	26.04.2027 30.04.2027	Development of the urogenital system. Development of the head and neck. Development of the nervous system.	Langman: Chapters 16–18

	13.05.2027	**RETAKE COLLOQUIUM – term 1**	Practical and theoretical colloquia 1–3
	03.06.2027	**RETAKE COLLOQUIUM – term 2**	Practical and theoretical colloquia 1–3
SUMMER EXAMINATION SESSION			
	17.06.2027 **18.06.2027**	**THEORETICAL EXAM – 1st term** **PRACTICAL EXAM – 1st term**	Classes 1–16; Lectures 1–8; Additional lectures
RETAKE EXAMINATION SESSION			
	02.09.2027	**THEORETICAL EXAM – 2nd term** **PRACTICAL EXAM – 2nd term**	Classes 1–16; Lectures 1–8; Additional lectures
	09.09.2027	**THEORETICAL EXAM – 3rd term** **PRACTICAL EXAM – 3rd term**	Classes 1–16; Lectures 1–8; Additional lectures

[1] the summer semester schedule is subject to change.

Update: 29.10.2026