Course Title: Anatomy with embryology and basic genetics

Course Director: Prof. dr hab. Jerzy Walocha

Coordinator/contact: Dr n. med. Małgorzata Mazur, malg.mazur@uj.edu.pl Dr n. med. Małgorzata Mazur, malg.mazur@uj.edu.pl

Address: Chair of Anatomy, Kopernika 12 street

Year: 1-DDS Total number of hours: 214 Lectures: 65

Seminars:

Labs/Practicals: 149

Others (e.g. recitation): Obligatory readings

Exams: 5

Conduct/Dress Code: White lab coat

Student's Evaluation:

-credit requirements:

Several mid-semestral tests will take place following the syllabus

The tests will consist of two parts:

a). the laboratory part (identification of parts of organs) **–20 questions** (you can receive maximally 2 points for each well recognized specimen). There is 30 seconds per each specimen for its recognition during a mid-semestral test or 45 seconds during the final exam.

Passing the laboratory part is **NOT** a **prerequisite** for participation in the second part of the mid-semestral test. The list of specimens placed in the end of syllabus is a **supplementary** list only (it is only a help for the Students), so both during the mid-semestral and final practical exams, some extra specimens (out of the list) can be used.

b). The theoretical part (TEST: multiple choice, matching, etc.) - **60 questions** (1 point for each correct answer). The test lasts 90 minutes. Question will be based on lectures, labs and a few from obligatory readings. Each student will receive confidential code number. Results of the test are available on the web-page of the Chair of Anatomy (www.katedra-anatomii.cm-uj.krakow.pl) \rightarrow STUDENCI \rightarrow dentistry

It is not possible to postpone the mid-semestral test or to take it earlier.

Only Students who have received at least **50%** from all midsemestral tests (average, including both theoretical and practical) are allowed to take the final anatomy exam (both practical exam and the test). Grading system, both for the mid-semestral tests, practical exams and the final exam is as follows:

excellent = approximately 90% of all possible points; very good = 80%;

good = 70%,

satisfactory = 60%; sufficient = 50%.

A Student <u>can be exempted</u> from the final exam if the results of all mid-semestral tests (**including both practical and theoretical tests**) exceed **90%**. A Student is exempted from the final practical exam if results of **all practical mid-semestral tests** exceed **80%**.

The final grade consists of: the value of points received during final practical + value of points received during final test and points received during the mid-semestral tests above 60% points, (for each 10 points above 60%, a student gets 1 point extra) Student who does NOT receive credit must take credit test in September. The material of the test covers the whole material. After passing the test student is allowed to take both practical and theoretical exams.

-attendance requirements:

labs are **obligatory**, lectures not

All excused absences on the labs must be passed. Student who have been absent must answer 10 practical questions regarding material discussed on the following lab.

-type of the final exam:

The final exam, held in June, is the ultimate basis for the completion of the course. Evaluation of the anatomy & embryology course is based on the results of the final exam, however we consider also the results of the midsemestral tests.

The final exam, covering the whole material of the course consists of two parts:

(a) The laboratory part: identification of specific structures shown on cadavers or radiograms (head and neck); their parts; separate organs or bones. (30 questions – 2: bones; 6: skull; 2: upper & lower limb; 2: thorax; 2: abdomen & pelvis; 12: head & neck; 4 – central nervous system).

Passing the laboratory part is NOT a prerequisite for participation in the second part of the final exam .

(b) The theoretical part (multiple choice test, matching, etc.) questions may also include problems based on histology. The test consists of 100 questions which cover the whole material of the course and include also embryology problems (80% of questions is based on the material on Head, neck, skull and central nervous system).

retake information:

The make-up exam has the same form but the test consists of 60 questions (multiple choice and matching) (September 2022)

Teachers: Prof. dr hab. Jerzy Walocha, Dr Małgorzata Mazur, Dr Marcin Lipski

Week	Day	Time	Type of classes	N0 of hours	Group	Topic	teacher	Place
Week 1 October 4-8	Мо	9.45- 11.15	lab	2	I,II	Vertebral column – General characteristics of a vertebra. Cervical, thoracic, lumbar vertebrae. Sacrum, coccyx. Intervertebral disc. Joints of vertebral column. Atlanto- occipital joints. Atlanto- axial joints. Curves of vertebral column.	Prof. Jerzy Walocha, MD, Ph.D/ Dr Małgorzata Mazur, MD,PhD	Dissection room 1,3,4
	Мо	12.15- 13.45	lec	2	Whole class	Basic Anatomy. Descriptive Anatomical Terms: Terms Related to Position and Movement. Connective Tissue: general structure of the bone, Biological & mechanical properties of bones. Classification of bones. Joints: fibrous, cartilaginous & synovial joints.	Prof. Jerzy Walocha, MD, Ph.D	E-learning
	Wed	10-11.30	lab	2	I, II	Ribs. Sternum. The thoracic cage. Bones of the shoulder girdle: scapula, clavicle. Acromioclavicular, sternoclavicular joint.	Prof. Jerzy Walocha, MD, Ph.D\ Dr Małgorzata Mazur, MD,PhD	Dissection room 1,3,4
	NA-	0.45	16	1	T 77	Lluma amua. Chauddau	Duef learns	D
week 2 October 11-15	Mo	9.45-11.15	Lab	2	I,II	Humerus. Shoulder joint. Radius. Ulna. Bones of the hand. Elbow joint. Wrist joint. The carpal tunnel. The hand as a functional unit.	Prof. Jerzy Walocha, MD, Ph.D/ Dr Małgorzata Mazur, MD,PhD	Room 1,3,4
	Мо	12.15- 13.45	lec	2	Whole class	Vascular system: Heart. Blood vessels. Lymphatic system. Muscles and Structures Associated with Muscles.	Prof. Jerzy Walocha, MD, Ph.D/	E-learning
	Wed	10-11.30	Lab	2	I,II	The bony pelvis. Hip bone. Sacrum. Coccyx. Sacroiliac joints. Symphysis pubis. Greater & lesser sciatic foramina. Inquinal ligament. Sex differences of the pelvis. Femur. Hip joint. Acetabulum. Tibia.	As above	Room 1,3,4

				1	1			1
						Fibula. Patella. Knee		
						joint. (intra- &		
						extracapsular ligaments) Menisci.		
						Bones of the foot. Ankle		
						joint.		
						Joine.		
		11.30 -	lab	2	Whole	Practical review	Dr Małgorzata	
		13.00			class		Mazur	Room1,3,4
			•		•			<u> </u>
week 3		9.45-		2	I,II	Bones of the	As above	Room
October	Мо	11.15	Lab			Neurocranium. Frontal		1,3,4
18-22						Bone. Occipital		
						Bone.Sphenoid bone.		
	Ma	12.15		2	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Divisions of the shall	Duef Jermy	
	Мо	12.15- 13.45	loc	2	Whole	Divisions of the skull.	Prof. Jerzy Walocha	Elearning
		13.43	lec		class	Development of the skull.	vvaluciia	E-learning
	Wed	10.00 -	Lab	2	I,II	Ethmoid Bone. Parietal	As above	Room
		11.30			,	Bone. Temporal Bone.		1,3,4
						Review of the		
						specimens.		
		11.30-	lab	2	Whole	Practical review	Dr Małgorzata	
		13.00			class		Mazur	Room1,
								3,4
week 4	Мо	9.45-	Lab	2	I.II	Bones of the Visceral	As above	Room
week 4 October	Мо	9.45- 11.15	Lab	2	I,II	Bones of the Visceral Cranium, Mandible,	As above	Room 1,3,4
week 4 October 25-29	Мо	9.45- 11.15	Lab	2	I,II	Cranium. Mandible.	As above	Room 1,3,4
October	Мо		Lab	2	I,II		As above	
October	Мо		Lab	2	I,II	Cranium. Mandible. Hyoid Bone. Maxilla.	As above	
October	Мо		Lab	2	I,II	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior	As above	
October	Мо		Lab	2	I,II	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone.	As above	
October	Мо		Lab	2	I,II	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible	As above	
October	Мо		Lab	2	I,II	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone.		
October		11.15				Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible	Prof. Jerzy	1,3,4
October	Mo	12.15-	Lab	2	Whole	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures.		
October		11.15				Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear	Prof. Jerzy	1,3,4
October		12.15-			Whole	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic	Prof. Jerzy	1,3,4
October	Мо	11.15 12.15- 13.45	lec	2	Whole class	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth).	Prof. Jerzy Walocha	1,3,4 E-learning
October		12.15- 13.45			Whole	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal	Prof. Jerzy	1,3,4 E-learning
October	Мо	11.15 12.15- 13.45	lec	2	Whole class	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal Cavity. Oral Cavity.	Prof. Jerzy Walocha	1,3,4 E-learning
October	Мо	12.15- 13.45	lec	2	Whole class	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal Cavity. Oral Cavity. Limitation and and	Prof. Jerzy Walocha	1,3,4 E-learning
October	Мо	12.15- 13.45	lec	2	Whole class	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal Cavity. Oral Cavity.	Prof. Jerzy Walocha	1,3,4 E-learning
October	Мо	12.15- 13.45 10.00 - 11.30	lec Lab	2	Whole class	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal Cavity. Oral Cavity. Limitation and and communication.	Prof. Jerzy Walocha As above	1,3,4 E-learning
October	Мо	12.15- 13.45 10.00 - 11.30 -	lec	2	Whole class I,II Whole	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal Cavity. Oral Cavity. Limitation and and	Prof. Jerzy Walocha As above	E-learning Room 1,3,4
October	Мо	12.15- 13.45 10.00 - 11.30	lec Lab	2	Whole class	Cranium. Mandible. Hyoid Bone. Maxilla. Palatine Bone. Inferior Nasal Concha. Lacrimal Bone. Vomer. Zygomatic Bone. Zygomatic and mandible fractures. The Ear: External Ear. Middle Ear (Tympanic Cavity). Inner Ear (Osseous Labyrinth). Orbital Cavity. Nasal Cavity. Oral Cavity. Limitation and and communication.	Prof. Jerzy Walocha As above	1,3,4 E-learning

week 5 Nov 3 1.11-day off (All Saints day)	Wed	10-11.30 L	ab :	2	I,II	Anterior middle As and posterior cranial fossae practically.	above	Room 1,3,4
week 6 November 8-12	Мо	9.45-11.15	Lab	2	I,II	Temporal, infratemporal, retromandibular and pterygopalatine fossaepractically	As above	Room 1,3,4
	Мо	12.15-13.45	lec	2	Whole class	Anterior, middle and posterior cranial fossae-limitation communication Openings in the skull-contents. Pterygopalatine fossa-limitation, communication.	Prof. Jerzy Walocha	E- learning
	WED	10-11.30	lab	2	I,II	Practical review	As above	Room 1,3,4
		11.30-13.00	lab	2	Whole class	Practical review	Dr M.Mazur	Room 1,3,4
week 7 November	Мо	9.45-11.15	lab	2	I,II	Practical review	As above	Room 1,3,4
15-19	Мо	12.15-13.45	lec	2	Whole class	Test 1 – osteology and skull(60 Questions)	Prof. Jerzy Walocha	online
	Wed	10.00-11.30	Lab	2	I,II	Practical exam on osteology and skull-20 details.	As above	Room 1- 5
week 8 November 22-26	Мо	9.45-11.15	lec	2	I,II Whole class	Spinal cord, brainstem, medulla oblongata, midbrain. Introduction into the anatomy of the Nervous system.Divisions of the nervous system. Neurons.Central, peripheral and autonomic	As above Prof. Jerzy Walocha	Room 1,3,4 E- learning
	Wed	10.00-11.30	Lab	2	I,II	nervous system. Exit of the cranial nerves from brain. Brainstem and its relation with the cerebellum, Cerebellum. Interbrain. 3 rd and 4 th ventricles.	As above	Room 1,3,4
		11.30 -13.00	lab	2	Whole class	Practical review	Dr Małgorzata Mazur	Room1, 3,4

week 9 November 29- December	Мо	9.45-11.15	Lab	2	I,II	Telencephalon(hemisphere). Brodman areas. Blood supply of the brain	As above	Room 1,3,4
3		12.15-13.45	lec	2	Whole class	Motor neuronal tracts	Prof. Jerzy Walocha	E- learning
	Wed	10:00-11:30	Lab	2	I,II	Practical review	As above	Room
		11.30 -13.00	lab	2	Whole class	Practical review	Dr Małgorzata Mazur	1,3,4 Room1, 3,4
Week 10 December 6-10	Мо	9.45-11.15	Lab	2	I,II	Practical review.	As above	Room 1,3,4
		12.15-13.45	lec	2	Whole class	Sensory neuronal tracts	Prof. Jerzy Walocha	E- learning
	Wed	10.00-11.30	Lab	2	I,II	Practical review	As above	Room
		11.30 -13.00	lab	2	Whole class	Practical review	Dr Małgorzata Mazur	1,3,4 Room1, 3,4
week 11 December	Мо	9.45-11.15	Lab	2	I,II	Practical review	As above	Room 1,3,4
13-17		12.15-13.45	lec	2	Whole class	Test 2 on central nervous system- 60 questions	Prof. Jerzy Walocha	online
	Wed	10.00-11.30	lab	2	I,II	Practical exam on CNS- 20 questions.	As above	Room 1- 5

December 20 th- January 3rd CHRISTMAS BREAK

week 12 January 3- 7 (6 th – day off)	Мо	9.45-11.15	Lab	2	I,II	Muscles of the neck and nuchal region. Cervical plexus	As above	Room 1,3,4
		12.15-13.45	lec	2	Whole class	Head and neck development	Dr Małgorzata Mazur	E-learning
	Wed	10-11.30	lab	2	I,II	Surface anatomy of the neck. Triangles of the neck. Thyroid gland. Parathyroid glands.	As above	Room 1,3,4

week 13 January 10-14	Mon	9.45-11.15	Lab	2	I, II	Vagus nerve, accessory nerve, hypoglossal nerve and sympathetic trunk(cervical part)	As above	Room 1,3,4
		12.15- 13.45	lec	2	Whol		Prof.Jerzy Walocha	E- learning
	Wed	10.00- 11.30	Lab	2	I,II	External & internal carotid arteries. External & internal jugular veins. Lymph drainage of the neck.	As above	Room 1,3,4
week 14 January 17-21	Мо	9.45-11.15	Lab	2	I,II	Pharynx, parapharyngeal space, glossopharyngeal space, tonsils	As above	Room 1,3,4
		12.15- 13.45	lec	2	Whole class	The Ear (external, middle & internal). Vestibulocochlear nerve. Temporomandibular joint. Clinical notes: Hyperacusis. Otosclerosis. Conductive deafness. Otitis media. Meniere's disease (labyrinthine hydrops).	Prof . Jerzy Walocha	e- learning
	Wed	10.00- 11.30	lab	2	I,II	Larynx- structure, blood and nerve supply, lymph drainage.		Room 1,3,4
	Wed	11.30- 13.00	Lab	2	whole class	Practical review	Dr M. Mazur	Room1, 3,4
Week 15 January 24-28	Mon	9.45-11.15	Lab	2	I,II	Practical review	As above	Room 1,3
		13.45	lec	2	Whole class	Test 3 on neck, ear and eye- 60 questions	Prof. Jerzy Walocha	online
	Wed	10.00- 11.30	lab	2	I,II	Practical exam on neck, ear and eye- 20 questions.	As above	Room 1-5

 $January~31^{st}-February~27^{th}~\textbf{WINTER~BREAK}$

week 16 February 28th	Мо	9.45-11.15	Lab	2	I,II	Blood and nerve supply the face. Facial artery ar nerve. Parotid gland.		Room 1,3,4
March 4th		12.15-13.45	lec	2	Whole class		Prof. Jerzy Walocha	E- learning
	Wed	10.00-11.30	lab	2	I,II	Dura mater vend sinuses. Venous draina of the head. Blood & new supply of the meninges.	ige	Room 1,3,4
week 17	Мо	9.45-11.15	Lab	2	I,II	Oral	As above	Room
March 7- 11	MO					cavity.Teeth.Gingiva. The tongue	AS above	1,3,4
		12.15-13.45	lec	2	Whole class	Development of the teeth	Prof. Jerzy Walocha	E- learning
	Wed	10.00-11.30	lab	2	I,II	Maxillary artery. Maxillary nerve.	As above	Room 1,3,4
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Week 18 March 14- 18	Мо	9.45-11.15	Lab	2	I,II	Mandibular division of trigeminal nerve.	As above	Room 1,3,4
		12.15-13.45	lec	2	Whole class	Communication of the pterygopalatine and infratemporal fossa (clinical correlation)	Prof Jerzy Walocha	E- learning
	Wed	10.00-11.30	lab	2	I,II	Pterygopalatine, infratemporal and retromandibular fossae.	As above	Room 1,3,4
Week 19 March 21- 25	Mo	9.45-11.15	Lab	2	I,II	Nasal cavity- walls, nerve & blood supply. Paranasa sinuses-practically		Room 1,3,4
		12.15-13.45	lec	2	Whole class	Nasal cavity- walls, nerve & blood supply. Paranasa sinuses-theoretically		online
	Wed	10.00-11.30	lab	2	I,II	Practical review	As above	Room 1,3,4
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Week 20 March 28-	Мо	9.45-11.15	Lab	2	I,II	Practical review	As above	Room 1,3,4
30, April 1st		12.15-13.45	lec	2	Whole class	Test 4 – on head(60 questions)	Prof.J.Wal ocha	online
	Wed	10.00-11.30	lab	2	I,II	Practical exam on hea 20 questions.	d- As above	Room 1- 5

Week 21 April 4-8	Мо	9.45-11.15	Lab	2	I,II	Thoracic walls- muscles, vessels , nerves. The diaphragm. Mediastinum.	As above	Room 1,3,4
		12.15-13.45	lec	2	Whole class	Pericardium. Conducting system of the heart. Arterial supply and venous drainage of the heart.	Prof. Jerzy Walocha	E- learning
	Wed	10.00-11.30	lab	2	I,II	Lungs and heart	As above	Room 1,3,4

Easter break- April 13th-April 19th

Week 22 April 11 th and April 20th	Мо	9.45-11.15	Lab	2	I,II	Large vessels of the thorax: SVC, IVC, Aorta, pulmonary trunk, Pulmonary veins.	As above	Room 1,3,4
		12.15-13.45	lec	2	Whole class	Nerves of upper limb	Prof. Jerzy Walocha	E- learning
	Wed	10.00-11.30	lab	2	I,II	Azygos veins. Vagus & phrenic nerves. Thoracic part of ST.	As above	Room 1,3,4

Week 23 April 25-29	Мо	9.45-11.15	Lab	2	I,II	Muscles of the shoulder girdle and arm.	As above	Room 1,3,4
		12.15-13.45	lec	2	Whole class	Vascular system of upper limb	Prof.Jerzy Walocha	E- learning
	Wed	10.00-11.30	lab	2	I,II	Muscles of forearm and hand	As above	Room 1,3,4
	Fri	12:30- 14.45	Lab.	3	Whole class	Practical review	Prof. Jerzy Walocha	1,3,4

Week 24 May 2-6	Мо	9.45-11.15	lab	2	I,II	Nerves of upper limb .	As above	Room 1,3,4
	Wed	10.00- 11.30	lab	2	I,II	Arterial and venous blood supply of upper limb.	As above	Room 1,3,4

Week 25 May 9-13	Мо	9.45-11.15	Lab	2	I,II	Walls of abdomen and pelvis.Peritoneum.	As above	Room 1,3,4
		12.15- 13.45	lec	2	Whole class	Vascular system of abdomen and pelvis Portal circulation.	Prof. Jerzy Walocha	E- learning
	Wed	10.00- 11.30	lab	2	I,II	Gastrointestinal tract- esophagus, stomach, small and large intestine. Liver.Gallbladder.	As above	Room 1,3,4

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Week 26 May 16-2		1o	9.45-11.15		Lab	2	I,II	Retroperitoneal space, kidneys, suprarenal glan ureters, abdominal aorta IVC.	As above	Room 1,3,4		
			12.15-13.45		lec	2	Whole class		Prof. Jerzy walocha	E- learning		
	١	Ved	10.00-11.30		30	lab	2	I,II	Rectum. Urinary bladder Urinary tract	As above	Room 1,3,4	
					- 1	_		Г				1
Week 27 May 23-27		lon	9.45-11.15		Lab	2	I,II	organs. Nerves of the lower limb Pro		above	Room 1,3,4	
					lec	2	Whole class			of. Jerzy alocha	E- learning	
	V	/ed	10.00-11.30		30	lab	2	I,II	Muscles of the lower limb.	e lower As		Room 1,3,4
	F	ri	12:30-14.45		45	lab	3	Whole class			of. J. alocha	Room 1,3,4
week 28 May 30, June 3	١	10	9.45-11.15		Lab	2	I,II	Nerves of the lower limb.		As above	Room 1,3,4	
Julie 3			12.15- 13.45		lec	2	Whole class				E- learning	
	٧	Ved	10.00- 11.30			lab	2	2 I,II Vessels of the lower limb.		As above	Room 1,3,4	
	F	ri	12:30- 14.00		Lab.	2	Whole class	Practical review		Prof. Jerzy Walocha	1,3,4	
Week 29 June	Мо	9.4 11.		2	I,II	Prac	ctical revi	ew		As above	Rooms 1,3,4	
6-10			.15- lec 2		Whole class			rax, upper limb, abdome er limb) -60 questions	en,	Prof. Jerzy Walocha	online	

Practical exam on thorax, upper limb, abdomen, pelvis, lower limb -20 specimens

As above

Rooms

1-5

Wed

10-

11.30

Lab

I, II

2

week 30 June 13-	Мо	9.45-11.15	lab		I,II	fina	iew of specin I practical ex	am	As above	Room 1,3,4
17	Wed 10.00		lab	2	I,II		view of specimens to the all practical exam		As above	Room 1,3,4
	Fri	12:30- 14.00	·	₋ab.	2		Whole class	Review of specimens to the final practical exam	Prof. Jerzy Walocha	1,3,4
week 31 June 20- 24	Мо	12.15 13.45	-	lec	2		whole class	Final test on anatomy – 100 questions	Prof. Jerzy Walocha	online
	Fri	12:30 15.30	-	Lab.	2		Whole class	Final practical exam on anatomy – 30 questions	As above	Rooms 1-5

LECTURES ONLINE ASYNCHRONOUS by Dr Marcin Lipski, excluded from schedule:

- 1. Temporomandibular joint: function, introduction to TMJ dysfunction (week 4) 1h
- 2. Fascia of the neck, fascial spaces suprahyoid, infrahyoid, communication and potential for infection. Ludwig's angina, Abscesses. Cervical emphysema.(week 13) 2h
- 3. Muscles of the facial expression and mastication(week 17) 2h
- 4. Trigeminal system overview (week 18) 2h
- 5. Anatomy of anesthesia intraoral injections (week 19) 2h
- 6. Lymphatic system of the head and neck (week 29) 2h