Module Report

Academic Year: 2025/2026 Semester: S3

1. Basic Information

Module Title (according to the bylaw):	**Nervous System & special senses**
Module Code (according to the bylaw):	**MED-202**
Department/s that participated in the teaching:	**Anatomy, physiology and histology**
Total number of credit hours/points of the course:	**12 CP**
Module Type:	**Compulsory**
The level to which the course was introduced:	**2nd academic year**
Academic Program:	**Bachelor of Medicine and Surgery (MBBCH)**
Faculty:	**Faculty of medicine**
University:	**Zagazig university**
Name of module coordinator:	**Reham Talaat Eldemerdash**
Date of approval of the course report	17/3/2026

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
101	----------	75	----------
Instructor Name	**Department**	**Academic degree**	**Specialty**
Amal Alshahat Ibrahim Alshahat	Anatomy and embryology	Professor	Anatomy and embryology
Hanan EL-Sayed Lotfy Mokhtar	Anatomy and embryology	Professor	Anatomy and embryology
Dalia Abdelhameed Mandour	Anatomy and embryology	Professor	Anatomy and embryology
Amira Ebrahim Mohamad Alsemeh	Anatomy and embryology	Professor	Anatomy and embryology

Marwa Mahmoud Ahmed	Anatomy and embryology	Professor	Anatomy and embryology
Samaa salah Abd El fatah	Anatomy and embryology	Professor	Anatomy and embryology
Manal Mohammad Morsy Omar	Anatomy and embryology	Professor	Anatomy and embryology
Eman Mohammed Ahmed Abdelghany	Anatomy and embryology	Professor	Anatomy and embryology
Heba Osama Mohammed	Anatomy and embryology	Professor	Anatomy and embryology
Amal Seliman Sewelam	Anatomy and embryology	Assistant professor	Anatomy and embryology
Doaa Mohammed Youssef Abd Elhamid	Anatomy and embryology	Assistant professor	Anatomy and embryology
Dalia Ibrahim Elwafaey	Anatomy and embryology	Assistant professor	Anatomy and embryology
Eman Ramadan Abd El Fattah	Anatomy and embryology	Assistant professor	Anatomy and embryology
Emtethal Mamdouh Mohammad Hamed El-Bestawy	Anatomy and embryology	Assistant professor	Anatomy and embryology
Enssaf Ahmad Abd Al-Hameed Ibrahim	Anatomy and embryology	Assistant professor	Anatomy and embryology
Ibrahim Hassan Ibrahim	Anatomy and embryology	Assistant professor	Anatomy and embryology
Maha M. Ahmed Abdul Rahman	Anatomy and embryology	Assistant professor	Anatomy and embryology
Mohammed Ahmed Sabry Elnabtiti	Anatomy and embryology	Assistant professor	Anatomy and embryology
Mohammed Ahmed Shehata Amin	Anatomy and embryology	Assistant professor	Anatomy and embryology
Nadia Alabassery	Anatomy and embryology	Assistant professor	Anatomy and embryology
Nancy Husseiny Hassan Hussein	Anatomy and embryology	Assistant professor	Anatomy and embryology
Naser Ahmed Mahmoud Elsawy	Anatomy and embryology	Assistant professor	Anatomy and embryology
Nihal Ahmed Bahaa Al Din	Anatomy and embryology	Assistant professor	Anatomy and embryology
Rania Hassan Mohamed Soliman	Anatomy and embryology	Assistant professor	Anatomy and embryology
Rania Said Moawad Ali	Anatomy and embryology	Assistant professor	Anatomy and embryology
Rasha Mohammad Sabry Hussein	Anatomy and embryology	Assistant professor	Anatomy and embryology
Reham Helmy Abdel-Kareem Ali	Anatomy and embryology	Assistant professor	Anatomy and embryology
Walaa Abdel-haliem Rashad Abdel-haliem	Anatomy and embryology	Assistant professor	Anatomy and embryology
Alaa Fawzy Abdelaal Ahmed	Anatomy and embryology	Lecturer	Anatomy and embryology
Amira Fawzy Abdelaal Ahmed	Anatomy and embryology	Lecturer	Anatomy and embryology
Amera Hamed Soliman	Anatomy and embryology	Lecturer	Anatomy and embryology
Asmaa Mahde Kamel Mahde	Anatomy and embryology	Lecturer	Anatomy and embryology
Eman Borai Mohamed Hassan	Anatomy and embryology	Lecturer	Anatomy and embryology

Mahmoud Ramadan Abd elhamid	Anatomy and embryology	Lecturer	Anatomy and embryology
Marwa Mohamed Mahmoud Abdelfattah	Anatomy and embryology	Lecturer	Anatomy and embryology
Marwa Sabry Abdelaal Mogahed	Anatomy and embryology	Lecturer	Anatomy and embryology
Nada Mohamed Mohamed Soliman	Anatomy and embryology	Lecturer	Anatomy and embryology
Nehal Mohammed Mohammed Omar	Anatomy and embryology	Lecturer	Anatomy and embryology
Noura Mohammed Kenawy	Anatomy and embryology	Lecturer	Anatomy and embryology
Rasha Ahmed Ahmed Agaga	Anatomy and embryology	Lecturer	Anatomy and embryology
Reham Talaat Eldemerdash Ibrahim	Anatomy and embryology	Lecturer	Anatomy and embryology
Saly Samir Monir lotfalla	Anatomy and embryology	Lecturer	Anatomy and embryology
Samar Mortada Mahmoud	Anatomy and embryology	Lecturer	Anatomy and embryology
Wafaa Mostafa Ahmed Hassan	Anatomy and embryology	Lecturer	Anatomy and embryology
Eman Mohamed Kamal EL-Din EL Sherbiny	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Ghada Mahmoud Mohammed Ebrahim	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Lamis sayed	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Nada Mohammed Abdel Aziz	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Nahed Mohamed Mostafa	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Sarah saber	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Soaad saad	Anatomy and embryology	Assistant lecturer	Anatomy and embryology
Amira Mahmoud Adly Abdelmoaty	Anatomy and embryology	Demonstrator	Anatomy and embryology
Amira abdallah	Anatomy and embryology	Demonstrator	Anatomy and embryology
Areej Hesham Mohamed AbdelMoteleb	Anatomy and embryology	Demonstrator	Anatomy and embryology
Aya Ahmed Abdelmonem Swidan	Anatomy and embryology	Demonstrator	Anatomy and embryology
Aya Ayman Abdelhamid	Anatomy and embryology	Demonstrator	Anatomy and embryology
Aya Samy	Anatomy and embryology	Demonstrator	Anatomy and embryology
Dina Ahmed Mohamed Kandel	Anatomy and embryology	Demonstrator	Anatomy and embryology
Esraa Ahmed Abdelmoniem Mohamed	Anatomy and embryology	Demonstrator	Anatomy and embryology
Esraa Mansour	Anatomy and embryology	Demonstrator	Anatomy and embryology
Esraa Refaat Abd ElAziz	Anatomy and embryology	Demonstrator	Anatomy and embryology
Esraa Nagy Abdelhameed Ibrahim	Anatomy and embryology	Demonstrator	Anatomy and embryology

Esraa Daood	Anatomy and embryology	Demonstrator	Anatomy and embryology
Fayrouz Salah Mohamed Ibrahim	Anatomy and embryology	Demonstrator	Anatomy and embryology
Hanan Saeed ElSayed Mohamed	Anatomy and embryology	Demonstrator	Anatomy and embryology
Hend hazem	Anatomy and embryology	Demonstrator	Anatomy and embryology
Lamiaa Shaban Saba Ahmed	Anatomy and embryology	Demonstrator	Anatomy and embryology
Mariam Atef Louis Eskander	Anatomy and embryology	Demonstrator	Anatomy and embryology
Mariz Emel Boles Yawakem	Anatomy and embryology	Demonstrator	Anatomy and embryology
Mennatallah Ahmed Abdelfattah Ahmed	Anatomy and embryology	Demonstrator	Anatomy and embryology
Nesma Abdelhamid Abdelbakey Younis	Anatomy and embryology	Demonstrator	Anatomy and embryology
Neveen Abdelwahab Mosilhy Mousa	Anatomy and embryology	Demonstrator	Anatomy and embryology
Nermin Abo elmansor	Anatomy and embryology	Demonstrator	Anatomy and embryology
Noher Mahdy Fathy Mahdy	Anatomy and embryology	Demonstrator	Anatomy and embryology
Raefa Mahmoud Mohamed	Anatomy and embryology	Demonstrator	Anatomy and embryology
Rawan Mohamed Elsayed lsmael	Anatomy and embryology	Demonstrator	Anatomy and embryology
Rownaa Hossam	Anatomy and embryology	Demonstrator	Anatomy and embryology
Reem Sabry Mohamed Hassan Ibraheem	Anatomy and embryology	Demonstrator	Anatomy and embryology
Soaad Fathy Ahmed Foaad	Anatomy and embryology	Demonstrator	Anatomy and embryology
Yasmen Fathi Abdallah Radwan	Anatomy and embryology	Demonstrator	Anatomy and embryology
Shereen El-Arabi Bedair Hassan	Physiology	Professor	Physiology
Nawal Khalil Girgis Azmy	Physiology	Professor	Physiology
Marwa Abdel Aziz Mohamed Mohamed	Physiology	Professor	Physiology
Maha Abdel Hamid Fathi Amin	Physiology	Professor	Physiology
Sama Saleh Khalil Mohammed Al-Aziz	Physiology	Professor	Physiology
Reham Hassan Ibrahim Ali Al-Azouni	Physiology	Professor	Physiology
Nadine Ahmed Raafat El-Margawy	Physiology	Professor	Physiology
Khaled Abdel-Fattah Abdel-Hamid Abu El-Fadl	Physiology	Professor	Physiology
Dalia Ibrahim Abdel-Aleem	Physiology	Professor	Physiology
Akmal Ahmed Hassan Diab	Physiology	Professor	Physiology
Mohamed Abdel Hamid Mohamed El Sayed	Physiology	Professor	Physiology

Azza Abdel Rahman Youssef Megahed	Physiology	Professor	Physiology
Nanees Fouad Al-Maliki	Physiology	Professor	Physiology
Abeer Abdelmonem Saeed	Physiology	Assistant professor	Physiology
Radwa Mahmoud Elsayed	Physiology	Assistant professor	Physiology
Wessam Mohamed Reda	Physiology	Assistant professor	Physiology
Shereen Fathi ElSayed	Physiology	Assistant professor	Physiology
Shaima ElSayed Hadhoud	Physiology	Assistant professor	Physiology
Reham Maher Wahid	Physiology	Assistant professor	Physiology
Hadeel Ayman Mohamed	Physiology	Lecturer	Physiology
Eman Abdel Raouf Mohamed	Physiology	Lecturer	Physiology
Sara Ahmed Gamal Abdel Nasser	Physiology	Lecturer	Physiology
Nehal Ibrahim Hindi	Physiology	Lecturer	Physiology
Lamiaa Gouda Mohamed	Physiology	Lecturer	Physiology
Heba Salah Gomaa	Physiology	Lecturer	Physiology
Hend Mohamed Eissa	Physiology	Lecturer	Physiology
Mona Tarek Mohamed Elsherif	Physiology	Lecturer	Physiology
Shimaa Yehia Hassan	Physiology	Lecturer	Physiology
Enas Ibrahim Eldosoky	Physiology	Assistant lecturer	Physiology
Shaima Ali Mohamed	Physiology	Assistant lecturer	Physiology
Nada Alaa Ahmed Mostafa	Physiology	Assistant lecturer	Physiology
Yasmeen Akmal Diab	Physiology	Assistant lecturer	Physiology
Heba Essam Eldin ElSayed	Physiology	Assistant lecturer	Physiology
Aya Mohamed Elsheikh	Physiology	Assistant lecturer	Physiology
Faten Fawzy Elhadary	Physiology	Assistant lecturer	Physiology
Amal Ibrahim Khalil	Physiology	Assistant lecturer	Physiology
Aya Mahmoud Zayed	Physiology	Assistant lecturer	Physiology
Kholoud Hassan Abdelsalam	Physiology	Assistant lecturer	Physiology
Esraa Khalil Abdelaziz	Physiology	Assistant lecturer	Physiology
Sara Ahmed Ibrahim	Physiology	Demonstrator	Physiology
Sara Tarek Mohamed	Physiology	Demonstrator	Physiology

Sania Shafik Galal	Physiology	Demonstrator	Physiology
Nada Abdelmaqsoud Elshazly	Physiology	Demonstrator	Physiology
Afnan Nazmy Attwa	Physiology	Demonstrator	Physiology
Duha Khalil Ali	Physiology	Demonstrator	Physiology
Asmaa Mohamed Abdelmoneim	Physiology	Demonstrator	Physiology
Esraa Ragab Abdellatif	Physiology	Demonstrator	Physiology
Aya Reda Elmokadem	Physiology	Demonstrator	Physiology
Eman Mamdouh Mohamed	Physiology	Demonstrator	Physiology
Nourhan Hosny Abdelfattah	Physiology	Demonstrator	Physiology
Nada Abdelmagid Ibrahim	Physiology	Demonstrator	Physiology
Ebtehal Zaid Hassan	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Mohamed Abdelrahman Shaheen	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Maha Amin Khattab	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Zeinab Mansour Al-Azouni	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Samia Adel Abdel-Basset	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Asmaa Al-Husseini Ahmed	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Sarah Mohamed Abdel-Aal	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Abeer Abdel-Azim Mahmoud	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Asmaa Othman Salim	Medical Histology & Cell Biology	Professor	Medical Histology & Cell Biology
Heba Mohamed Abdel-Aziz	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Nadia Mohsen Ali	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Hanaa Saeed Moussa	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Nahla El-Sayed Ibrahim	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Maha Zayed Mohamed	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Karima Fawzy Abdel-Fadil	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Ghada Abdel Aziz Al-Sammak	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Samar Abdel Aziz Mustafa	Medical Histology & Cell Biology	Assistant professor	Medical Histology & Cell Biology
Haidy Gerges Salama	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Eman Sami Elsheikh	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology

Amira Mohamed Saber	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Manar Mohamed Ali	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Basant Tharwat Abdel Baqi	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Salma Sami Ali	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Samar Ramzi Mohamed	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Samaa Mohamed Hassan	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Enas Gamal Abdullah	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Alia Ahmed Abdel Sattar	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Sarah Ali Qandil	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Samar Hassan Abdel Hamid	Medical Histology & Cell Biology	Lecturer	Medical Histology & Cell Biology
Marian Salama Youssef	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Mariam Ahmed Ali Abdel Maqsoud	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Samar Mahmoud Osama Lotfy	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Gehad Magdy Mohamed Abdel Aziz	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Aya Ibrahim Abdel Fattah	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Sawsana Nabil Kamal Mesiha	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Omnia Mansour Mohamed Abdel Salam	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Kholoud Mostafa Ezzat Ibrahim	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Sanaa Abdel Salam Mohamed Faisal	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Alshimaa Mohamed Ahmed Awadallah	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Esraa Mohamed Abdel Latif	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Sara Mohamed Abdel Latif	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Amira Hassan Mostafa	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Reem Mohamed Ali Abdel Salam	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Alya Maher Mohamed Mohamed	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology
Sara Wael Mohamed El Sheimy	Medical Histology & Cell Biology	Demonstrator	Medical Histology & Cell Biology

Notes:

- The specialization of the teaching staff and teaching assistants was well aligned with the course content. The student-to-staff ratio of approximately **8:1** reflects a

favorable academic environment that facilitates effective teaching and student engagement. Students were divided into Groups A, B, and C, with each group further subdivided into 10 subgroups, ensuring that group sizes were appropriate to the nature of the course and responsive to students' educational and practical learning needs. Practical revision sessions were conducted to support students' preparation for practical examinations and to reinforce their laboratory and hands-on skills.

Week #	Module Topics	Total Weekly Hours	Expected Teaching and Learning Hours		
			Theoretical	Practical Training	Self-Learning/Others
1st 8 119 49	Anatomy of External features of spinal cord.		-------	159.5	-------
	Anatomy of Blood supply and meninges of spinal cord. Anatomy of External features of brain stem. Cranial nerve nuclei.	45	4	4	6
	Receptors and their properties Sensations Physiology of Pain Physiology of Pain Control System Ascending Tracts and sensation from head &neck Examination of Sensation and dermatomes		6	4	5
	Histological structure of Neuron & classification Histology of nerve fibre, nerve trunk and ganglia Neuroglia and synapse Degeneration and regeneration of nerve tissue Nerve endings (receptors)		4	6	6
2nd	Anatomy of cerebellum. Anatomy of 4th ventricle. Anatomy of Sulci and gyri of the cerebrum. Anatomy of diencephalon and 3rd ventricle. Anatomy of limbic system, insula& white matter1. Anatomy of mandible and hyoid bone.	45	4	6	6
	Reflex properties Superficial Reflex Stretch Reflex		6	4	6

Week #	Module Topics	Total Weekly Hours	Expected Teaching and Learning Hours		
			Theoretical	Practical Training	Self-Learning/Others
	Tendon Jerk **Pyramidal and extrapyramidal tracts** **Internal Capsule lesion-UMNL & LMNL** **Spinal cord lesion**				
	Histology of spinal cord **Histology of meninges and brain barriers**		4	4	5
3rd	**Anatomy of white matter 2** **Practical anatomy of white matter& diencephalon** **Anatomy of basal ganglia and lateral ventricle (CSF circulation).** **Transverse section of cerebrum** **Blood supply of CNS** **Anatomy of skull: norma verticalis, frontalis, occipitalis.** **Anatomy of skull: norma lateralis, sphenopalatine fossa.** **Anatomy of face & scalp.**	45	6	8	8
	Physiology of cerebellum and lesion **Physiology of Basal Ganglia and lesion** **Gaits and Tremors** **Thalamus, Hypothalamus, Limbic & RF**		6	4	6
	Histology of brain stem		2	2	3
4th	**Muscles of mastication and mandibular nerve.** **Maxillary artery and nerve & sphenopalatine ganglion.** **Anatomy of skull: norma basalis externa.** **Anatomy of skull: norma basalis interna.** **Anatomy of dural venous folds, sinuses.** **Anatomy of cervical vertebrae &Anatomy of dural venous folds, sinuses.** **Anatomy of face and scalp.** **Cranial nerves IX, X.** **Triangles of the neck.**	45	8	10	10
	Physiology of cerebral cortex **Physiology of Speech**		4	2	4

Week #	Module Topics	Total Weekly Hours	Expected Teaching and Learning Hours		
			Theoretical	Practical Training	Self-Learning/Others
	Sleep and EEG Memory				
	Histology of cerebellum Histology of cerebrum		2	2	3
5th	**Models and jars, sagittal section and base of brain, radiological anatomy. Orbit: extra-ocular muscles and lacrimal apparatus. Nerves of the orbit. Cranial nerves XI, XII. Anatomy of triangles of the neck, midline of neck &hyoid muscles. Anatomy of the ear.**	45	5	6	7
	Physiology of cornea, lens & IOP Light, corneal, accommodation reflexes, visual acuity Physiology of retina visual cortex& visual pathway Color vision, binocular vision Visual field, visual pathway lesions		7	4	7
	Histology of Eye		2	4	3
6TH	**Blood supply of the orbit and ciliary ganglion. Anatomy of cranial nerves VII & VIII. Cervical fascia & lymphatic drainage of head and neck. Head dissection: models, jars.**	45	4	6	7
	Physiology of External ear, middle ear Physiology of Inner ear, mechanism of hearing Vestibular apparatus Physiology of Auditory cortex& pathway Deafness & Hearing tests Smell and taste		8	6	7
	Histology of Ear		2	2	3
7TH	**Revision histology Revision physiology Revision anatomy**	44+ 1 QUIZ	2 4 6	2 4 6	4 8 8
8TH	**End year exam**	45	3 E	2 E	40

Week #	Module Topics	Total Weekly Hours	Expected Teaching and Learning Hours		
			Theoretical	Practical Training	Self-Learning/Others

Notes (if any) on:
The teaching staff carefully delivered the course content to ensure proper alignment between theoretical and practical components and the allocated number of teaching weeks. Consequently, all topics specified in the course specification were successfully covered within the scheduled timeframe. Furthermore, all teaching and learning strategies outlined in the course specification, particularly active learning approaches, were effectively implemented to enhance students' learning experience and support the achievement of the intended learning outcomes. This
contributed to improving students' academic performance and overall educational development

Student Assessment Methods that have been Implemented

Method of Assessment	Date	Marks	Type and number of questions	Measured Module Learning Outcomes (Mention the text)
Quiz (End module)	**12/20/2025**	**36**	**36 Single Best Answer (SBA)**	**NS 4.1.1: Describe the gross anatomy of the cerebrum, brain stem, cerebellum, and spinal cord, including their blood supply. NS 4.1.2: Describe the anatomy of the diencephalon, ventricular system, meninges, and cerebrospinal fluid circulation. NS 4.1.3: Describe the anatomy of the head and neck, including the scalp, face, orbit, ear, temporal and infratemporal fossae, dural venous sinuses, neck triangles, and cranial nerves. NS 4.2.1: Explain the physiological mechanisms of sensory receptors, sensory pathways, ascending tracts, and somatic reflexes. NS 4.2.2: Explain the physiological mechanisms and functions of the pyramidal and extrapyramidal systems, including the effects of their lesions. NS 4.2.3: Explain the physiological functions of the cerebellum, basal ganglia, and diencephalon, including the effects of their lesions. NS 4.1.4: Describe the microscopic structure of the central nervous system, including neurons, neuroglia, nerve fibers, synapses, and ganglia. NS 4.1.5: Describe the microscopic structure of the spinal cord, meninges, brain stem, cerebrum, and cerebellum.**
Final Written	**12/30/2025**	**72**	**11 SBAStructured Essay Questions**	**NS 4.1.1: Describe the gross anatomy of the cerebrum, brain stem, cerebellum, and spinal cord, including their blood supply.**

			(SEQs) **36 Single Best Answer (SBA**	**NS 4.1.2: Describe the anatomy of the diencephalon, ventricular system, meninges, and cerebrospinal fluid circulation.** **NS 4.1.3: Describe the anatomy of the head and neck, including the scalp, face, orbit, ear, temporal and infratemporal fossae, dural venous sinuses, neck triangles, and cranial nerves.** **NS 4.2.2: Explain the physiological mechanisms and functions of the pyramidal and extrapyramidal systems, including the effects of their lesions.** **NS 4.2.1: Explain the physiological mechanisms of sensory receptors, sensory pathways, ascending tracts, and somatic reflexes.** **NS 4.2.4: Explain the physiological functions of the cerebral cortex and higher intellectual functions, including the effects of cortical lesions.** **NS 4.1.7: Describe the microscopic structure of the ear, including the external, middle, and inner ear and the organ of Corti.** **NS 4.1.4: Describe the microscopic structure of the central nervous system, including neurons, neuroglia, nerve fibers, synapses, and ganglia.** **NS 4.8.8: Evaluate hearing, smell, and taste (including hearing tests).** **NS 4.8.7: Perform examination of vision (visual acuity, visual fields, and pupillary reflexes).** **NS 4.1.5: Describe the microscopic structure of the spinal cord, meninges, brain stem, cerebrum, and cerebellum.** **NS 4.1.6: Describe the microscopic structure of the eye, including the cornea, retina, and eyelid.**
OSPE	**1/3/2026**	**54**	**24 MCW**	**NS 4.8.1: Identify the normal anatomical features of the central nervous system, head and neck using anatomical models, skulls, and specimens.** **NS 4.8.4: Interpret deep sensations and reflexes.** **NS 4.8.6: Interpret sleep abnormalities and the basic principles of EEG.** **NS 4.8.8: Evaluate hearing, smell, and taste (including hearing tests).** **NS 4.8.5: Assess cerebellar function, coordination, gait, and tremors.** **NS 4.8.7: Perform examination of vision (visual acuity, visual fields, and pupillary reflexes).** **NS 4.8.2: Identify the normal histological features of the central nervous system, eye, and ear using light microscopy.**

Assignment	**12/8/2025**	**6**	**- Drawing -Clinical scenario-based question (6 SBA)**	**NS 4.2.3: Explain the physiological functions of the cerebellum, basal ganglia, and diencephalon, including the effects of their lesions. NS 4.1.4: Describe the microscopic structure of the central nervous system, including neurons, neuroglia, nerve fibers, synapses, and ganglia.**
Formative assessments	**11/20/2025**	**0**	**1st formative assessment (45 SBA)**	**NS 4.1.1: Describe the gross anatomy of the cerebrum, brain stem, cerebellum, and spinal cord, including their blood supply. NS 4.1.2: Describe the anatomy of the diencephalon, ventricular system, meninges, and cerebrospinal fluid circulation. NS 4.1.3: Describe the anatomy of the head and neck, including the scalp, face, orbit, ear, temporal and infratemporal fossae, dural venous sinuses, neck triangles, and cranial nerves. NS 4.2.1: Explain the physiological mechanisms of sensory receptors, sensory pathways, ascending tracts, and somatic reflexes. NS 4.2.2: Explain the physiological mechanisms and functions of the pyramidal and extrapyramidal systems, including the effects of their lesions. NS 4.2.3: Explain the physiological functions of the cerebellum, basal ganglia, and diencephalon, including the effects of their lesions. NS 4.2.4: Explain the physiological functions of the cerebral cortex and higher intellectual functions, including the effects of cortical lesions. NS 4.1.4: Describe the microscopic structure of the central nervous system, including neurons, neuroglia, nerve fibers, synapses, and ganglia. NS 4.1.5: Describe the microscopic structure of the spinal cord, meninges, brain stem, cerebrum, and cerebellum. NS 4.1.7: Describe the microscopic structure of the ear, including the external, middle, and inner ear and the organ of Corti. NS 4.1.6: Describe the microscopic structure of the eye, including the cornea, retina, and eyelid.**
	12/4/2025		**2nd formative assessment (30 SBA)**	
	12/12/2025		**3rd formative assessment (30 SBA)**	
TBL	**11/30/2025**	**9**	**Individual readiness assurance test (iRAT): 10 SBA Team application**	**NS 4.1.1: Describe the gross anatomy of the cerebrum, brain stem, cerebellum, and spinal cord, including their blood supply. NS 4.1.2: Describe the anatomy of the diencephalon, ventricular system, meninges, and cerebrospinal fluid circulation. NS 4.2.1: Explain the physiological**

			scenario-based (tAPP): 8 SBA	**mechanisms of sensory receptors, sensory pathways, ascending tracts, and somatic reflexes.**
Flipped Sessions	**12/6/2025**	**0**	**6 Essay questions with open discussion**	**NS 4.1.3: Describe the anatomy of the head and neck, including the scalp, face, orbit, ear, temporal and infratemporal fossae, dural venous sinuses, neck triangles, and cranial nerves.** **NS 1.8.1: Apply anatomical knowledge of the central nervous system and head & neck in common clinical scenarios.**
Portfolio	**12/22/2025**	**3**	**Documentation of required learning activities and achievements according to approved portfolio rubric**	**NS 4.1.2: Describe the anatomy of the diencephalon, ventricular system, meninges, and cerebrospinal fluid circulation.** **NS 4.2.1: Explain the physiological mechanisms of sensory receptors, sensory pathways, ascending tracts, and somatic reflexes.** **NS 4.1.3: Describe the anatomy of the head and neck, including the scalp, face, orbit, ear, temporal and infratemporal fossae, dural venous sinuses, neck triangles, and cranial nerves.** **NS 1.8.1: Apply anatomical knowledge of the central nervous system and head & neck in common clinical scenarios.** **NS 4.2.3: Explain the physiological functions of the cerebellum, basal ganglia, and diencephalon, including the effects of their lesions.** **NS 4.1.4: Describe the microscopic structure of the central nervous system, including neurons, neuroglia, nerve fibers, synapses, and ganglia.** **NS 4.1.1: Describe the gross anatomy of the cerebrum, brain stem, cerebellum, and spinal cord, including their blood supply.**

The methods listed are examples, which the institution may add to or remove depending on the nature of the course.

- The assessment process was conducted in accordance with the Credit Point Bylaw (2023) and the Faculty of Medicine's assessment policies.

➢ A variety of assessment methods were employed, including quizzes, final written examinations, Objective Structured Practical Examinations (OSPE), assignments, formative assessments, Team-Based Learning (TBL) activities, and portfolio assessment, to evaluate students' achievement of the module's intended learning outcomes.

Student Assessment Results	
Number of students (who started the module):	**1863**

Number of students (who completed the module/ sat for the exam):	**1729**
Number of students who did not attend the final written exam (absent - deprived - withdrawn):	**134 students** • **Absent: 98** • **Withdrawn: 36**
Total number of students who passed the exams successfully:	**1419**
Percentage of success (out of the total number of students who sat for the final exam)	**82.1%**

Grade Distribution

Grade	A	B	C	D	F	F-
Number of students	528	378	393	120		
Percentage	30.5%	21.9%	22.7%	7%		

Total number of students who failed the exams:	**310**
Percentage of failure (for the total number of students who took the final exam)	**17.9%**

- Commenting on student results, analyzing student performance (including factors that affected the results if any), and comparing them with the results of the previous year:
- This year, student performance varied: most students successfully passed the module, while others did not meet the passing requirements.
- The reasons for not passing varied among students. Some were not permitted to sit for the final exam due to exceeding the allowed number of absences. Others attended the exam but failed to achieve the minimum passing score.
- In addition, irregular attendance, weak participation in certain teaching activities, neglecting to complete formative assignments, and not taking assessments may have also negatively affected the performance of some students.
- Overall, the results reflect a range of student performance levels. Moving forward, there is a need to improve attendance, increase student engagement, and strengthen academic support.

➢ **Student performance declined in the current academic year compared to the previous year. The failure rate rose from 10.8% to 17.9%, while the success rate dropped from 89.2% to 82.1%. Several factors contributed to this decline:**

- A larger student cohort (1,729 vs. 1,475), which increased the absolute number of students at risk of failure.
- Disciplinary cases, including students barred from exams due to exceeding permitted absence limits.
- A higher number of students failing to achieve the minimum passing score on the final examination.

3. Student Feedback

Item	Comment

Item	Comment
Means of Evaluation:	▪ Students' Reflection Sheets are included in the Portfolio ▪ Student Satisfaction Questionnaire
Timing of Evaluation:	▪ Students' Reflection Sheets are included in the Portfolio. at the end of the module ▪ Student Satisfaction Questionnaire at the end of the semester.
Number of students who participated in the course evaluation	▪ A review was conducted by monitoring the portfolios of 900 students to assess their learning needs and areas of difficulty in the course. ▪ 375 students participated in the questionnaire.
Percentage of participants to the total number	▪ 50% in portfolio ▪ 20 % in questionnaire
Important points of satisfaction	1- Interactive teaching methods. 2- Integration of theoretical and practical learning. 3- Supportive and approachable teaching staff. 4- Use of microscopes during practical sessions. 5- Interesting neurological case discussions and demonstrations. 6- Student guidance gave greater attention to their needs.
Important points of dissatisfaction	1- Comprehensive records were not provided for all theoretical topics. 2- The sources used for multiple-choice questions were too limited, and the questions did not cover all topics. A topic-wise MCQ bank was also missing. 3- There were not enough practical workshops, hands-on activities, or laboratory-based experiences, and actual lab equipment. 4- There were not enough case-based learning opportunities. 5- Simulation and demonstration sessions were insufficient.

4. Staff Members Reflections

- Staff members noted that the module ran smoothly, and most of the students responded well to interactive learning activities and continuous assessment. The portfolio also provided useful insights into students' learning needs and areas of difficulty.

5. Module Enhancement

This module is being delivered for the first time under the **Credit Hour Bylaw (2023)**. Consequently, no corrective or improvement actions from previous academic years are applicable.

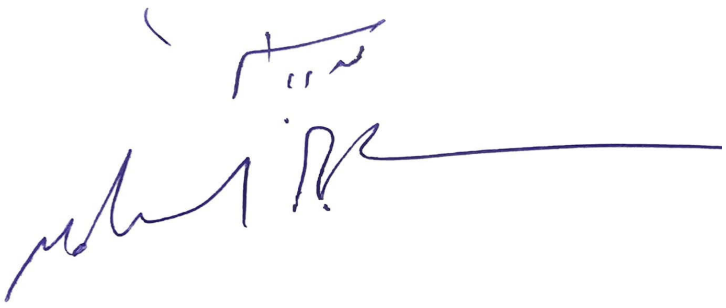
Accordingly, future enhancement activities will be informed by the outcomes of the current academic year's implementation, including student performance data, feedback from students and faculty members, and reflection on the teaching and assessment process, in line with the institutional quality assurance framework.

Module development plan for the next academic semester/year

(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Methods of implementation	Responsible	Notes
1	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning resources	Use Microsoft Teams to provide updated materials and e-learning resources	Teaching Staff, Department Administration	-

Name and Signature Module Coordinator	Name and Signature Head of the department council



Faculty of Medicine,
Zagazig University
Bachelor of Medicine & Surgery

Module Report
Academic Year:2025-2026 Semester: S4

1. Basic Information

Module Title (according to the bylaw):	**Urinary system**
Module Code (according to the bylaw):	**MED-205**
Department/s that participated in the teaching:	**Biochemistry, Anatomy, Physiology & Histology**
Total number of credit points of the module:	**6**
Module Type:	**Compulsory**
The level to which the module was introduced:	**2nd academic year**
Academic Program:	**Bachelor of Medicine and Surgery (MBBCH)**
Faculty:	**Faculty of Medicine**
University:	**Zagazig University**
Name of Module Coordinator:	**Dr Basma Kenway**
Date of approval of the module report	**15/9/2026**

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
120	none	105	
Instructor Name	Department	Academic degree	Specialty
1. Dr Atif Gouda 2. Dr Osama Gaber 3. Dr Samy Hassan 4. Dr Somya Hassan 5. Dr Randa Hosieney 6. Dr Aml Saied 7. Dr Heba Pasha 8. Dr Haidy Essam 9. Dr Nourhan Sabbah 10. Dr Noha Rezk 11. Dr Hala Mosaad	Biochemistry	Professor	Biochemistry
12. Dr Aml Fawzy	Biochemistry	Assistant Professor	Biochemistry

13. Dr Marwa Hassan 14. Dr Hanem Magdy 15. Dr Amira Saber 16. Dr Walaa Samy 17. Dr Aliaa Talaat 18. Dr Sara Fouad			
19. Dr Eman Abd el Kader 20. Dr Basma Saied 21. Dr Doaa Mahmoud 22. Dr Walaa E l Saied 23. Dr Basma Ahmad 24. Dr Hend Sameh 25. Dr Asmaa Atif 26. Dr Eman Ahmad 27. Dr Mai Mahmoud 28. Dr Ansam Mokbel 29. Dr Salma Ahmed 30. Dr Hoda Kamal	**Biochemistry**	**Lecturer**	**Biochemistry**
31. Dr Asmaa Attia 32. Dr Asmaa Diaa 33. Dr Dina Salah 34. Dr Asmaa Ali 35. Dr Noura Yousef 36. Dr Nehal Taha	**Biochemistry**	**Assistant lecturer**	**Biochemistry**
37. Dr Nouran Ezz 38. Dr Reem Saied 39. Dr Eman Kamel 40. Dr Youmna Salah 41. Dr Nada Atif 42. Dr Nermin Abdel Hamid 43. Dr Asmaa Abdel Hai 44. Dr Aya Abdel Hamid 45. Dr Rana Wael 46. Dr Manar Mohammad 47. Dr Rawda Omar 48. Dr Henar Mohammad	**Biochemistry**	**Demonstrator**	**Biochemistry**
1. Amira Ebrahim Mohamad Alsemeh 2. Dalia Mandour 3. Hanan Lotfy 4. Heba Osama Mohammed 5. Samaa salah Abd El fatah	**Anatomy**	**Professor**	**Anatomy**
6. Dalia Ibrahim Elwafaey 7. Doaa Mohammed Youssef Abd Elhamid 8. Eman Mohammed Ahmed Abdelghany 9. Eman Ramadan Abd El Fattah 10. Emtethal Mamdouh Mohammad Hamed El-Bestawy 11. Enssaf Ahmad Abd Al-Hameed Ibrahim 12. Ghada Mahmoud Mohammed Ebrahim 13. Ibrahim Hassan Ibrahim 14. Mohammed Ahmed Sabry Elnabtiti 15. Mohammed Ahmed Shehata Amin 16. Nadia Alabassery 17. Nancy Husseiny Hassan Hussein	**Anatomy**	**Assistant Professor**	**Anatomy**

18. Naser Ahmed Mahmoud Elsawy 19. Nihal Ahmed Bahaa Al Din 20. Ola Ali Abdelwahab Mostafa 21. Rania Hassan Mohamed Soliman 22. Rania Said Moawad Ali 23. Rasha Mohammad Sabry Hussein 24. Reham Helmy Abdel-Kareem Ali 25. Walaa Abdel-haliem Rashad Abdel-haliem			
26. Alaa Fawzy Abdelaal Ahmed 27. Amira Fawzy Abdelaal Ahmed 28. Asmaa Mahde Kamel Mahde 29. Eman Borai Mohamed Hassan 30. Mahmoud Ramadan Abd elhamid 31. Marwa Mohamed Mahmoud Abdelfattah 32. Marwa Sabry Abdelaal Mogahed 33. Nada Mohamed Mohamed Soliman 34. Noura Mohammed Kenawy 35. Rasha Ahmed Ahmed Agaga 36. Reham Talaat Eldemerdash Ibrahim 37. Saly Samir Monir lotfalla 38. Samar Mortada Mahmoud	**Anatomy**	**Lecturer**	**Anatomy**
39. Eman Mohamed Kamal EL-Din EL Sherbiny 40. Gehad Ahmed Mohamed 41. Ghada Mahmoud Mohammed Ebrahim 42. Nada Mohammed Abdel Aziz 43. Nahed Mohamed Mostafa 44. Nehal Mohammed Mohammed Omar. 45. Wafaa Mostafa Ahmed Hassan	**Anatomy**	**Assistant Lecturer**	**Anatomy**
46. Amira Mahmoud Adly Abdelmoaty 47. Areej Hesham Mohamed AbdelMoteleb 48. Asmaa Tayseer Mohamed 49. Aya Ahmed Abdelmonem Swidan 50. Aya Ayman Abdelhamid 51. Dina Ahmed Mohamed Kandel 52. Esraa Ahmed Abdelmoniem Mohamed 53. Esraa Nagy Abdelhameed Ibrahim 54. Esraa Refaat Abd ElAziz 55. Fayrouz Salah Mohamed Ibrahim 56. Hanan Saeed ElSayed Mohamed 57. Lamiaa Shaban Saba Ahmed 58. Mariam Atef Louis Eskander 59. Mariz Emel Boles Yawakem 60. Mennatallah Ahmed Abdelfattah Ahmed 61. Nermeen mohamed ibrahim 62. Nesma Abdelhamid Abdelbakey Younis 63. Neveen Abdelwahab Mosilhy Mousa 64. Noher Mahdy Fathy Mahdy 65. Raefa Mahmoud Mohamed 66. Rawan Mohamed Elsayed lsmael 67. Reem sabry mohamed hassan ibraheem 68. Reham abdelhameed salama 69. Soaad Fathy Ahmed Foaad	**Anatomy**	**Demonstrator**	**Anatomy**

70. Yasmen fathi Abdallah Radwan			
1. Abeer mohamed azmy Zaki 2. Samah Mohamed Ahmed 3. -Zeinab Mansour mohamed el-azouny 4. Abeer Abd-elazeem Mahmoud Abdo 5. Asmaa Othman Selim	**Histology**	**Professor**	**Histology**
6. Nadia Mohsen Elakabawy 7. sara Mohamed Mahmoud Abdelaal 8. Karima Fawzy AbdelFadeel Ibrahim 9. Heba Mohamed Abdel -Aziz Eraque 10. Nahla Elsayed Ibrahem Basiony 11. Ghada Abdelaziz Elsayed Mohamed 12. Hanna Said El-sayed Moussa 13. Eman Mohamed Mahmoud Askar	**Histology**	**Assistant professor**	**Histology**
14. Salma Sami Ali Shalabi 15. Manar Mohamed Ali Abdullah 16. Amira Mohammed Saber Abdel maggid 17. Samar Hassan Abdelhamid Salama 18. Eman Samy Abd Elkreem Elsheikh 19. Bassant tharwat Abdulbaki Ahmed 20. Sara Ali El-sayed Kandeel 21. Samar Ramzy Mohamed Eid 22. Samaa Mohamed Hassan Ibrahim 23. Alyaa Ahmed Abd El Sattar Abd El _ Sadeq 24. Enas Gamal Abdallah Abdelfatah 25. Samar Abdelaziz Mostafa Yousef	**Histology**	**Lecturer**	**Histology**
26. Marian Salama Youssef Salama 27. Mariam Ahmed Ali Abd Elmaksoud 28. Samar Mahmoud Osama Lutfy Elwakeel 29. Fatma Mousa Husseini Mousa Haidy Gerges Salama Abdel Malek	**Histology**	**Assistant lecturer**	**Histology**
30. Sara Wael Mohamed Mahmoud Elshimy 31. Esraa Mohammed Abdellatif elazazy 32. Sara Mohammed abdellatif elazazy 33. Amira Hasan Mostafa Shawky 34. Sanaa Abdelsalam Mohammed Faisal 35. Omnia Mansour Mohamed Abdelsalam 36. Susanna Nabil Kamal Mesiha 37. Alshaimaa Mohamed Ahmed Awdallah 38. Khlood Mostafa Ezzat ibrahim 39. Aya Ebrahim Abdelfattah Mohamed 40. Gehad Magdy Mohamed Abdelaziz	**Histology**	**Demonstrator**	**Histology**
1. Prof/ Azza Megahed 2. Prof/Dalia Abdel Alim 3. Prof/ Mai Hassan 4. Prof/ Khaled Abdelfattah AbolFadle 5. Prof/Doaa Attia 6. Prof/Sama Salah 7. Prof/Marwa Habib	**Physiology**	**Professor**	**Physiology**

8. Prof/Reham El-Azouny 9. Prof/Ebtesam Mohamed Ibrahim Al-Negaihy			
10. Abeer Saied 11. Nanees El-Malky 12. Radwa Mahmoud 13. Eman Reda 14. Wesam Reda Ashour 15. Sherein Fathy 16. Shaimaa Hadhood 17. Reham Maher	**Physiology**	**Assistant professor**	**Physiology**
18. Hadeel Al-Sherbini 19. Eman Abdel Raouf 20. Amira Mokhtar Gobran 21. Hoda Gala 22. Dalia Atef 23. Lamiaa Goda 24. Heba Salah 25. Nehal Hendi 26. Hend 27. Mona tarek	**Physiology**	**Lecturer**	**Physiology**
28. Enas Al-Desouky 29. Omnia Al-Kazzaz 30. Shaimaa Ali Abou Zied 31. Shaimaa Yahia 32. Nada Alaa 33. Fatma Nabil 34. Heba Essam 35. Yasmeen Akmal 36. Mariam Nasr 37. Aya Al-Sheikh 38. Faten Fawzy 39. Amal Ibrahim Khalil 40. Esraa Khali 41. Kholoud Hassan	**Physiology**	**Assistant lecturer**	**Physiology**
42. Fatma Abdo 43. Doha Khalil Ali 44. Mai Ahmed El hady 45. Asmaa Goda 46. Sara Tarek 47. Sara Ragab 48. Asmaa Abdel Monem 49. Nada Abdel Maksoud Al Shazly 50. Saneyya Shafik Galal 51. Sara Ahmed Ibrahim El Desouky 52. Afnan Nazmy Atwa 53. Nourhan Hosni Abdel Fattah 54. Eman Mamdouh 55. Esraa Ragab 56. Nada Abdel Mageed 57. Aya Al Mokaddem	**Physiology**	**Demonstrator**	**Physiology**

Notes: The specialization of the teaching staff and teaching assistants was well aligned with the course content. The student to staff ratio was approximately **8: 1** reflecting a favorable academic environment that facilitates effective teaching and student engagement Students were divided into Groups A, B, and C; each group subdivided into 10 subgroups to ensure that group size was appropriate for the nature of the course and to meet students' educational and practical learning needs. Practical revision sessions were conducted to support students' preparation for the practical examinations and to reinforce their laboratory and hands-on skills.

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/.....)	Total number of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
4	42	42	------	51	-------

Week #	Module Topics	Total Weekly Hours	Expected Teaching and Learning Hours		
			Theoretical	Clinical/Practical Training	Self-Learning/Others
1st week	Anatomy of kidney Anatomy of the ureters & urinary bladder Anatomy of the female and male urethra,	45	2	1	1
1st week	General structural organization of kidney & histology of nephron		2	1	1
1st week	Histology of collecting tubules and microcirculation of kidney		1	0	1
1st week	Anatomy of Posterior abdominal wall & lumbar plexus		2	0	2
1st week	Anatomy of lumbar vertebra		0	2	2
1st week	Comparison between PCT and DCT and structure of JGA.			2	2
1st week	Clarify nephron dynamics and renal blood flow		2	2	2
1st week	Glomerular filtration rate		2	2	1
1st week	Ultrastructure of nephron and collecting tubules			2	1

1st week	**Role of kidney in metabolism & Nucleotide Metabolism**		2	1	1
1st week	**Function of juxtaglomerular apparatus.**		2	2	1
2nd week	**Development of kidney**	45	2	0	1
2nd week	**Anatomy of ureters & urinary bladder**		1	2	2
2nd week	**Renal Clearance**		0	2	2
2nd week	**Renal handling of sodium and chloride**		2	0	2
2nd week	**Development of urinary bladder and urethra**		2	0	1
2nd week	**Histology of ureters & urinary bladder**		1	2	2
2nd week	**Renal handling of potassium, calcium and phosphorus**		2	0	2
2nd week	**Radiological anatomy of urinary system & Sagittal sections in pelvis.**		0	2	1
2nd week	**Anatomy of female and male urethra**		2	2	1
2nd week	**Histology of urethra and differences between the female and the male urethra**		2	0	1
2nd week	**Kidney function tests & Acid base balance**		0	2	
2nd week	**Electrolyte report**		0	1	
2nd week	**Renal handling of glucose, Amino acids**		1	2	2
3rd week	**Renal handling of water and control of ECF volume**	**45**	2	0	2
3rd week	**Amino acid metabolism & inborn errors**		2	2	2
3rd week	**Renal handling of hydrogen and bicarbonate**		1	1	2
3rd week	**Bladder filling and micturition**		2	1	1
3rd week	**Minerals metabolism**		2	0	2
3rd week	**Examination of urine & urine report**		0	2	2
3rd week	**Body defence mechanisms against PH changes**		2	0	2

3rd week	**Renal medullary hyperosmolarity and urea cycle**		2	0	1
3rd week	**Non-protein nitrogenous compounds**		1	0	1

Notes (if any) on:

The teaching staff carefully delivered the course contents to ensure proper alignment between the theoretical and practical content and the allocated number of teaching weeks. Consequently, all topics specified in the course specification were successfully covered within the scheduled timeframe. Furthermore, all teaching and learning strategies outlined in the course specification, particularly active learning approaches, were effectively implemented to enhance students' learning experience and support the achievement of the intended learning outcomes. This contributed to improving students' academic performance and overall educational development

Student Assessment Methods that have been Implemented				
Method of Assessment *	**Date**	**Marks**	**Type and number of questions**	**Measured Module Learning Outcomes** (Mention the text)
Quiz	**3\3|2026**	**18**	**36 Single Best Answer (SBA)**	**US 4.1.1:** Describe the anatomy of the kidneys, ureters, urinary bladder, and urethra. **US 4.1.2:** Describe the anatomy of the posterior abdominal wall, including its muscles, fascia, nerves, and lumbar vertebrae. **US 4.1.4:** Describe the histological structure of the nephron and collecting system using light and electron microscopy. **US 4.1.5:** Describe the histological structure of the ureter and urinary bladder, including the structural adaptations of the urothelium (transitional epithelium). **US 4.1.6:** Describe the histological structure of the male and female urethra, including their epithelial lining. **US 4.2.1:** Explain the physiological mechanisms of glomerular filtration, tubular reabsorption, and tubular secretion and renal handling of vital substances.
Final Written	**6/24/2026**		**- Structured Essay Questions (SEQs)** **- Single Best Answer (SBA)**	US 1.8.1: Apply anatomical and embryological knowledge of the renal and urinary systems in common clinical scenarios. US 1.8.2: Apply physiological knowledge of renal function and body fluid homeostasis in common clinical scenarios. US 1.8.3: Apply biochemical knowledge of renal metabolism and electrolyte balance in common clinical scenarios. US 1.8.4: Apply histological knowledge of the urinary system in common clinical scenarios. US 4.1.1: Describe the anatomy of the kidneys, ureters, urinary bladder, and urethra.

		36		**US 4.1.2:** Describe the anatomy of the posterior abdominal wall, including its muscles, fascia, nerves, and lumbar vertebrae. **US 4.1.3:** Describe the embryological development of the kidneys and lower urinary tract. **US 4.1.4:** Describe the histological structure of the nephron and collecting system using light and electron microscopy. **US 4.1.5:** Describe the histological structure of the ureter and urinary bladder, including the structural adaptations of the urothelium (transitional epithelium). **US 4.1.6:** Describe the histological structure of the male and female urethra, including their epithelial lining. **US 4.2.1**: Explain the physiological mechanisms of glomerular filtration, tubular reabsorption, and tubular secretion and renal handling of vital substances. **US 4.2.2:** Explain the physiological mechanisms regulating acid–base balance, extracellular fluid volume, & osmolality. **US 4.2.3**: Explain the physiological functions of the kidneys in urine formation and micturition. **US 4.2.4:** Explain the metabolic functions of the kidney, nucleotide metabolism, and the clinical significance of non-protein nitrogenous compounds **US 4.2.5**: Explain the metabolism of amino acids and minerals, including the biochemical basis of inborn errors of metabolism and mineral deficiency disorders.
OSPE	**6/29/2026**	**27**	**Station**	**US 4.8.**1: Identify the anatomical features of the kidneys, ureters, urinary bladder, urethra, posterior abdominal wall and lumber vertebrae on anatomical specimens. **US 4.8.2:** Identify the normal anatomical features of the urinary system on radiological images. **US 4.8.3:** Identify the microscopic features of the nephron and urinary tract using histological slides and electron micrographs. **US 4.8.4:** Identify the concept of clearance and its applications. **US 4.8.5:** Explain the physiological role of the kidney for preservation of glucose and amino acids in the body. **US 4.8.6**: Calculate anion gap **US 4.8.7**: Identify the type of acid-base imbalance. **US 4.8.8**: Identify some micturition abnormalities. **US 4.8.9:** Interpret renal function test results. **US 4.8.10**: Interpret inborn error in amino acid metabolism **US 4.8.11**: Interpret the results of a comprehensive urinalysis report.

Assignment	**19\2\2026**	**4**	**- Drawing** **- Structured Essay Questions (SEQs)**	**US 4.2.1**: Explain the physiological mechanisms of glomerular filtration, tubular reabsorption, and tubular secretion and renal handling of vital substances
Formative Assessment			https://docs.google.com/forms/d/e/1FAIpQLSck9WJeBy-E21XKqSfzG43wgpqfPAe8qaE9Pk3HUfvfWFbIPw/viewform?usp=sharing&ouid=111767733266592918781	**US 4.1.1:** Describe the anatomy of the kidneys, ureters, urinary bladder, and urethra. **US 4.1.2:** Describe the anatomy of the posterior abdominal wall, including its muscles, fascia, nerves, and lumbar vertebrae. **US 4.1.4:** Describe the histological structure of the nephron and collecting system using light and electron microscopy. **US 4.2.1**: Explain the physiological mechanisms of glomerular filtration, tubular reabsorption, and tubular secretion and renal handling of vital substances. **US 4.2.4:** Explain the metabolic functions of the kidney, nucleotide metabolism, and the clinical significance of non-protein nitrogenous compounds . **US 4.2.5**: Explain the metabolism of amino acids and minerals, including the biochemical basis of inborn errors of metabolism and mineral deficiency disorders.
TBL	**18\2\2026**	**3**	**(iRAT) 5 SBA Questions / 5 SBA Questions (TRAT)**	**US 4.2.5**: Explain the metabolism of amino acids and minerals, including the biochemical basis of inborn errors of metabolism and mineral deficiency disorders. **US 4.2.5**: Explain the metabolism of amino acids and minerals, including the biochemical basis of inborn errors of metabolism and mineral deficiency disorders.
Portfolio		**2**	**Documentation of required learning activities and achievements according to the approved portfolio rubric**	

*** The methods mentioned are examples the institution may add and delete depending on the nature of the course**

- The assessment process was conducted in accordance with the Credit Point Bylaw (2023) and the Faculty of Medicine assessment policies.

A variety of assessment methods were used, including quizzes, final written examinations, OSPE, assignments, formative assessments, Team-Based Learning (TBL) activities, and portfolio assessment to evaluate students' achievement of the module learning outcomes.

Student Assessment Results	
Number of students (who started the module):	**1851**

Number of students (who completed the module/ sat for the exam):	1737
Number of students who did not attend the final written exam (absent - deprived - withdrawn):	114
Total number of students who passed the exams successfully:	1660

Percentage of success (out of the total number of students who sat for the final exam)			96%			
Grade Distribution						
Grade	مقبول	جيد	جيد جدا	ممتاز	راسب	F-
Number of students	290	365	344	661	77	
Percentage	17%	21%	20 %	38%	4 %	
Total number of students who failed the exams:			77			
Percentage of failure (for the total number of students who took the final exam)			4 %			
Commenting on student results, analyzing student performance (including factors that affected the results if any), Most students successfully passed the module and achieved the required learning outcomes with slight increase in comparison to the previous year indicating an improvement in the students overall academic performance						

3. Student Feedback

Item	Comment
Means of Evaluation:	Student Satisfaction Questionnaire
Timing of Evaluation:	At the end of the semester
Number of students who participated in the course evaluation	539
Percentage of participants to the total number	34.2%
Important points of satisfaction	1. 1- Students appreciated the organization of the Renal Module and the clarity of teaching objectives. 2. Interactive teaching methods and practical sessions were positively evaluated. 3. The learning environment and communication with staff were generally perceived positively.

Faculty of Medicine,
Zagazig University
Bachelor of Medicine & Surgery

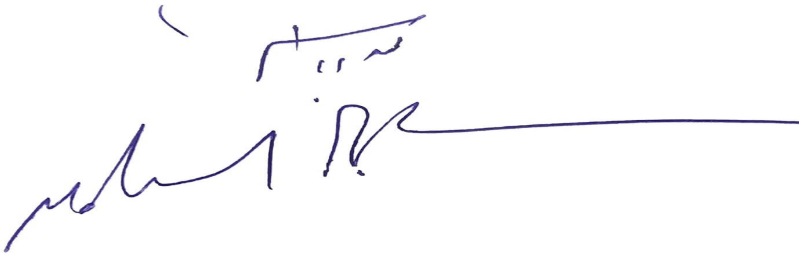
Item	Comment
Important points of dissatisfaction	**1. Enhance assessment feedback and communication with students.** **2. Expand online educational resources and blended learning approaches.**

Module development plan for the next academic semester/year

(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Methods of implementation	Responsible	notes
1.	Enhance assessment feedback and communication with students	Provide structured feedback sessions and timely communication of assessment results	Oral and written feedback sessions after exams and assignments	Teaching Staff	Continuous implementation
2.	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning resources	Use Microsoft Teams to provide updated materials and e-learning resources	Teaching Staff, Department Administration	

Name and Signature Module Coordinator	Name and Signature Head of the department council



Module Report

Academic Year:2025/2026 Semester: S3

1. Basic Information

Module Title (according to the bylaw):	**Endocrine and reproductive systems.**
Module Code (according to the bylaw):	**MED-201**
Department/s that participated in the teaching:	**Physiology** **Anatomy** **Histology** **Biochemistry**
Total number of credit points of the module:	**12**
Module Type:	**compulsory**
The level to which the module was introduced:	**II**
Academic Program:	**Bachelor of Medicine and Surgery (MBBCH)**
Faculty:	**Faculty of medicine**
University:	**Zagazig university**
Name of Module Coordinator:	**Dr. Aya Mohamed Elshiekh**
Date of approval of the module report	**17/3/2026**

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
Instructor Name	Department	Academic degree	Specialty

ا.د\ صلاح زغلول ا.د/داليا عبد العليم ا.د\ عبير البيومي ا.د\ راندا صلاح ا.د/سما صلاح ا.د\ خالد ابوالفضل ا.د/ ابتسام محمد ا.د\ مها عبدالحميد ا..د\ نانيس فؤاد ا.د/مروة عبد العزيز	Physiology	professor	Physiology
ا.م.د\ عبير سعيد ا.م.د\ رضوي محمود ا.م.د\ ايمان رضا ا.م.د\ وسام ا.م.د\ ريهام وحيد ا.م.د\ شيرين فتحي ا.م.د\ شيماء هدهود	Physiology	Assistant professor	Physiology
د\ هديل الشربيني د\ ايمان عبدالرؤوف د\ سارة جمال د\اميرة مختار د\ نهال ابراهيم د\المياء جودة د\ مني طارق د\شيماء يحي	Physiology	lecturer	Physiology
د\ فاتن خضري د\ياسمين اكمل د\امل ابراهيم د/اسراء خليل د/خلود حسن د\مريم نصر د\شيماء علي د\ندي علاء د\هبة عصام د\اية الشيخ	Physiology	Assistant lecturer	Physiology
د\ سارة احمد د\ندي الشاذلي د\ ايه المقدم د\فاطمة عبده د\اسماء جودة د\ مي احمد د\ اسراء رجب د\ايمان ممدوح د\ضحي خليل د\سارة طارق د\ نورهان حسني د\اسماء عبدالمنعم د\ افنان نظمي د\سنية شفيق د\ ندي عبد المجيد	Physiology	administrator	Physiology

د عاطف جوده د مجدي ابراهيم د ساميه حسين د نورهان الصباحي د هبه باشا د اسامه جابر	Biochemistry	professor	Biochemistry
امل فوزي علياء طلعت مروة حسن ولاء سامي هانم مجدي	Biochemistry	Assistant professor	Biochemistry
بسمة سعيد قناوي دعاء محمود عبد الحميد هند سامح بسمة احمد محمد ولاء السعيد أسماء عاطف ايمان احمد مي محمود الدالي انسام مقبل زايد هدي كمال محمد سلمي احمد شوقي	Biochemistry	lecturer	Biochemistry
أسماء عطيه كامل محمد اسماء ضياء الدين عبدالهادى دينا صلاح محمد ضبيع اسماء على سليمان ابراهيم نهال طه الرشيدى محمود نورا يوسف عبدالسلام يمنى محمد صلاح الدين محمد حمودة ندى عاطف خليل يوسف الاء مصطفى بحرى السيد احمد نيرمين عبد الحميد محمد سيد احمد سارة ياسر محمد بركات ديانا مدحت جبرة سعد موسى	Biochemistry	Assistant lecturer	Biochemistry
ايمان كامل حسن محمد ريم سعيد اليماني الوليلي نوران عز الدين السيد أسماء عبدالحي عبدالحي محمد الزهري آية عبد الحميد محمد أبو الفتوح محمد رنا وائل ابراهيم الهادى منار محمد محمود احمد روضة عمر علي محمد هينار محمد بدير البسطويسي	Biochemistry	administrator	Biochemistry
د. سالي أحمد سليم د. هالة سليمان د. رانيا زيدان د. سحر فرج شعبان د. شيماء علي	Histology	professor	Histology

د. مها زايد محمد حسن د. سارة محمد محمود عبد العال د. هناء سعيد السيد موسي د. كريمة فوزى عبد الفضيل د. نهلة السيد ابراهيم د. هبه محمد عبد العزيز د. غادة عبد العزيز د. نادية محسن على ابراهيم	Histology	Assistant professor	Histology
د. سمر عبد العزيز مصطفي يوسف د. علياء أحمد عبد الستار د. سماء محمد حسن ابراهيم د. سمر رمزي محمد عيد د. بسنت ثروت عبد الباقي د. سارة علي السيد قنديل د. إيمان سامي عبد الكريم د. اميرة محمد صابر عبد الحميد د. منار محمد علي عبد الله د. سلمي سامي علي شلبي د.ايناس جمال عبد الله. د. هايدي جرجس سلامة د. فاطمه موسي الحسيني	Histology	lecturer	Histology
د. مريم احمد علي عبد المقصود د. سمر محمود اسامه لطفي د. جهاد مجدي عبد العزيز د.ماريان سلامة د اية ابراهيم عبد الفتاح	Histology	Assistant lecturer	Histology
د. سوسنه نبيل كمال مسيحه د. امنية منصور محمد عبد السلام د. سناء عبد السلام محمد فيصل د. الشيماء محمد احمد عوض د. خلود مصطفي عزت ابراهيم د. سارة محمد عبد اللطيف د. اسراء محمد عبد اللطيف د. اميرة حسن مصطفي د. ريم محمد علي عبد السلام د. علياء ماهر محمد محمد د. سارة وائل محمود الشيمى د.أروى خالد د.آية ابراهيم محمد د.نيرة ابو زيد	Histology	administrator	Histology
د. امل الشحات أ.د.أميره السمح أ.د.مروة محمود أ.د.سماء صلاح أ.د.منال مرسي أ.د.إيمان عبد الغني	Anatomy	Professor	Anatomy

د.ابراهيم العزونى أ.د.م.هبه اسامه أ.د.م.أمل سليمان أ.د.م.محمد شحاته أ.د.م.مها عبد الرحمن أ.د.م.رانيا سعيد أ.د.م.رشا صبرى أ.د.م.مروه ثروت أ.د.م.إيمان رمضان أ.د.م.دعاء يوسف أ.د.م.ولاء عبدالحليم أ.د.م.امتثال البستاوي أ.د.م.داليا الوفائي أ.د.م.نادية الاباصيري أ.د.م.ريهام حلمي أ.د.م.انصاف احمد أ.د.م.نانسى الحسيني أ.د.م.رانيا حسن أ.د.م.محمد صبرى أ.د.م.نهال بهاء أ.د.م.ناصر الصاوي د.رشا عجاجه	Anatomy	Assistant professor	Anatomy
د. سالي سمير د.نورا قناوي د.إيمان برعى د.أميره فوزى د. اميرة حامد د.محمود الخولي د.آلاء فوزى د.سمر مرتضي د.مروة صبري د.ندي سليمان د.مروة محمد د.فاطمة اكمل د.ريهام طلعت د. نهال عمر د. وفاء مصطفى د. جهاد احمد	Anatomy	Lecturer	Anatomy
د.ايمان محمد كمال الدين الشربيني د.غاده محمد محمود د.ندي محمد عبدالعزيز د. ناهد محمد مصطفي د.سارة محمد صابر د.رئيفه محمد محمود د. سعاد سعد	Anatomy	Assistant Lecturer	Anatomy

د.إسراء ناجي عبدالحميد ابراهيم د. مريم عاطف لويس د.نيفين عبدالوهاب مصيلحي موسى د. نسمه عبدالحميد عبدالباقي د. اسراء احمد منصور د. دينا احمد محمد قنديل د. لمياء شعبان سبع د. منه الله محمد مصطفي د. ايه احمد عبد المنعم سويدان د. فيروز صلاح محمد د. أريج هشام محمد عبد المطلب د. نهير مهدى فتحى مهدى د.سعاد فتحي أحمد فؤاد حسونة د. ياسمين فتحي عبدالله رضوان د. ماريز اميل بولس يواقيم د. أميرة محمود عدلي عبدالمعطي د.ريم صبري محمد حسن ابراهيم	**Anatomy**	**Administrator**	**Anatomy**

Notes:
The specialization of the teaching staff and teaching assistants was well aligned with the course content. The student-to-staff ratio of approximately **8:1** reflects a favorable academic environment that facilitates effective teaching and student engagement. Students were divided into Groups A, B, and C, with each group further subdivided into 10 subgroups, ensuring that group sizes were appropriate to the nature of the course and responsive to students' educational and practical learning needs. Practical revision sessions were conducted to support students' preparation for practical examinations and to reinforce their laboratory and hands-on skills.

Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/.....)	Total number of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
7	**122**	**62**		**105**	

Week #	Module Topics	Total Weekly Hours	Expected Teaching and Learning Hours		
			Theoretical	Clinical/Practical Training	Self-Learning/Others
1st week	**- Anatomy of pituitary & pineal gland**	45	1	1	1
	- Anatomy of thyroid& parathyroid glands		1	1	1
	Anatomy of suprarenal gland		2	1	1

	Feedback mechanisms and Hypothalamo-hypophyseal axis		1	1	1
	Physiology of anterior pituitary Physiology of posterior pituitary		2	2	3
	Biochemistry and molecular base of hormonal action		2	1	2
	Physiology of thyroid Physiology of parathyroid		2	2	2
	Histology of pituitary and pineal gland.		2	1	2
	Histology of thyroid and parathyroid.			2	2
	Thyroid hormone biosynthesis		1	2	2
2nd week					
	Histology of adrenal glands.		1	1	1
	Physiology of adrenal gland		2	2	1
	Thyroid function tests.		0	2	1
	Physiology of thyroid		0	1	1
	Physiology of parathyroid		0	2	1
	Calcium homeostasis		1	2	1
	Anatomy of pelvic wall (Boundaries & Muscles)	45	1	1	1
	Physiology of pancreas		1	1	1
	Glucose homeostasis		2	0	1
	Histology of endocrine portion of pancreas.		2	2	1
	Local hormones		1	0	1
	Hormones affect lipid metabolism		1	0	1
	Regulation of body temperature		1	0	1
	Anatomy of testis, scrotum, spermatic cord, prostate -Anatomy of male ducts and seminal vesicles		1	0	1
	Histology of testis.	45	1	1	2
	Histology of male ducts and genitalia.		2	3	3
	Anatomy of the male reproductive system		0	2	1
	DM		2	2	3
	Anatomy of pelvic wall and sacrum		0	2	1
	Fed and fast		1	0	1
	Physiology of male reproductive system		1	1	1
	Anatomy of uterus and vagina		1	1	1

	Factors affecting spermatogenesis; semen analysis		2	0	1
	Histology of the ovary		1	1	1
	Hypothalamo-hypophyseal ovarian axis		2	0	1
	Histology of uterus, fallopian tube, cervix, vagina and external genitalia		1	1	1
4th	**Female reproductive cycle**	45	2	0	2
	Anatomy of the ovaries, fallopian tubes and ligaments		2	2	2
	Abnormalities of testicular function		0	1	1
	Histology of female reproductive system		0	2	2
	Anatomy of the perineum and external genitalia **Blood supply of pelvis/ Pudendal nerve and vessels**		2	2	2
	Ovarian cycle **Signs of ovulation and an ovarian cycle**		2	2	2
	Uterine cycle		1	1	1
	Physiology of puberty **Physiology pf pregnancy**		2	2	2
	1st, 2nd, 3rd week of pregnancy		3	2	3
5th	**Anatomy of placenta, umbilical cord, yolk sac, amnion& allantois**	45	2	2	3
	Abnormalities of puberty/pregnancy test		0	2	1
	Folding		2	0	1
	Anatomy of fetal membranes		0	2	1
	Placental function- fetoplacental unit		2	0	1
	Histology of placenta		1	1	3
	Development of GIT & respiratory& anomalies		2	0	1
	Development of genital system& anomalies		2	2	2
	Anatomy of mammary gland (flipped)		0	2	1
	Development of the heart		1	1	1
	Physiological basis of sex determination		1	1	1
	Breast milk and fructosemia		1	1	1
6th	**Development of heart & anomalies**	45	2	1	2

	Physiology of lactation		2	0	1
	Anomalies of the heart, fetal circulation		2	3	3
	Histology of placenta and mammary gland		1	2	2
	Physiological change of fetal circulation at birth		2	0	1
	Development of pharyngeal apparatus& anomalies		2	0	1
	Development of face and palate& anomalies		2	0	1
	Development of central nervous system		2	0	1
	Physiology of labour		0	2	1
	Physiological base pf contraception		0	2	1
	Physiological jaundice. Estimation of bilirubin.		0	3	3
7th	**Histology revision**	44+1 Quiz	2	3	5
	Biochemistry revision		2	1	3
	Physiology revision		4	4	6
	Anatomy revision		4	4	6
8th	**Final Exam**	45	3E	2E	40

Notes (if any) on:
The teaching staff carefully delivered the course content to ensure proper alignment between theoretical and practical components and the allocated number of teaching weeks. Consequently, all topics specified in the course specification were successfully covered within the scheduled timeframe. Furthermore, all teaching and learning strategies outlined in the course specification, particularly active learning approaches, were effectively implemented to enhance students' learning experience and support the achievement of the intended learning outcomes. This contributed to improving students' academic performance and overall educational development.

Student Assessment Methods that have been Implemented

Method of Assessment *	Date	Marks	Type and number of questions	Measured Module Learning Outcomes (Mention the text)
quiz	**4/11/2025**	**36**	**36 Single Best Answer (SBA)**	**ER 4.1.1:** Describe the anatomy of the endocrine glands. **ER 4.2.1:** Explain the physiological mechanisms regulating endocrine hormone secretion, hormone functions, and body temperature. **ER 4.2.3:** Explain the biochemical mechanisms of hormone action, thyroid hormone synthesis, glucose homeostasis, and diabetes mellitus. **ER 4.1.5:** Describe the histological

				structure of the endocrine glands.
Final Written	**11/1/2025**	**72**	**Structured Essay - (Questions (SEQs Single Best - (Answer (SBA**	**ER 4.1.2:** Describe the anatomy of the pelvis, perineum, and the male and female reproductive systems. **ER 4.2.1:** Explain the physiological mechanisms regulating endocrine hormone secretion, hormone functions, and body temperature. **ER 4.2.3:** Explain the biochemical mechanisms of hormone action, thyroid hormone synthesis, glucose homeostasis, and diabetes mellitus. **ER 4.1.6:** Describe the histological structure of the male and female reproductive systems, mammary gland, and placenta.
OSPE/OSCE	**13/1/2026**	**54**	**54 MCW**	**ER 4.8.2:** Identify the anatomical features of the endocrine glands, pelvis, perineum, and reproductive organs on anatomical specimens and radiological images. **ER 4.8.7:** Interpret disorders of pituitary, thyroid, parathyroid, suprarenal glands and pancreas. **ER 4.8.5:** Interpret results of thyroid function test. **ER 4.8.4:** Interpret blood glucose estimation results. **ER 4.8.6:** Identify the method of estimation, normal level of bilirubin, and different types of jaundice. **ER 4.8.1:** Identify the microscopic features of the endocrine glands, reproductive organs, placenta, and mammary gland using histological slides.
Assignment	**19/10/2025**	**4**	**- Drawing** **- Structured Essay Questions (SEQs)**	**ER 4.1.2:** Describe the anatomy of the pelvis, perineum, and the male and female reproductive systems. **ER 4.2.1:** Explain the physiological mechanisms regulating endocrine hormone secretion, hormone functions, and body temperature.
TBL	**12/10/2025**	**9**	-Individual readiness assurance test (**I-rat**): SBA Questions	**ER 4.1.1:** Describe the anatomy of the endocrine glands. **ER 4.2.1:** Explain the physiological

			- Team application scenario-Based (**T-aap**): SBA questions	mechanisms regulating endocrine hormone secretion, hormone functions, and body temperature. **ER 4.2.3:** Explain the biochemical mechanisms of hormone action, thyroid hormone synthesis, glucose homeostasis, and diabetes mellitus. **ER 4.1.5:** Describe the histological structure of the endocrine glands. **ER 4.1.2:** Describe the anatomy of the pelvis, perineum, and the male and female reproductive systems. **ER 4.2.1:** Explain the physiological mechanisms regulating endocrine hormone secretion, hormone functions, and body temperature.
Formative assessment	**9/30/2025** **14/10/2025**	Zero	**1st Formative assessment (SBA) 30/9/2025** **2nd formative assessment 14/10/2025** **3rd formative assessment 28/10/2025**	
Portfolio	.	**5**	**Documentation of required learning activities and achievements according to the approved portfolio rubric**	**ER 4.1.3:** Describe the embryological events during the first three weeks of development, including embryonic folding and the formation of fetal membranes. **ER 4.2.2:** Explain the physiological mechanisms of the male and female reproductive systems, puberty, pregnancy, labour, lactation, and menopause. **ER 4.2.4:** Explain carbohydrate, lipid, fructose, and galactose metabolism, including hormonal regulation, fed and fasting states, and related metabolic disorders. **ER 4.1.6:** Describe the histological structure of the male and female

				reproductive systems, mammary gland, and placenta.

The methods listed are examples, which the institution may add to or remove depending on the nature of the course.

- The assessment process was conducted in accordance with the Credit Point Bylaw (2023) and the Faculty of Medicine's assessment policies.
- A variety of assessment methods were employed, including quizzes, final written examinations, Objective Structured Practical Examinations (OSPE), assignments, formative assessments, Team-Based Learning (TBL) activities, and portfolio assessment, to evaluate students' achievement of the module's intended learning outcomes.

Student Assessment Results	
Number of students (who started the module):	**1891**
Number of students (who completed the module/ sat for the exam):	**1757**
Number of students who did not attend the final written exam (absent - deprived - withdrawn):	**134**
Total number of students who passed the exams successfully:	**1513**
Percentage of success (out of the total number of students who sat for the final exam)	**86.11%**

Grade Distribution						
Grade	**A**	**B**	**C**	**D**	**F**	**F-**
Number of students	**500**	**385**	**463**	**165**	**141**	**103**
Percentage	**26.4%**	**20.4%**	**24.5%**	**8.7%**	**7.5%**	**5.4%**
Total number of students who failed the exams:						**244**
Percentage of failure (for the total number of students who took the final exam)						**13.9%**

Commenting on student results, analyzing student performance (including factors that affected the results if any), and comparing them with the results of the previous year:

This year, student performance demonstrated a marked improvement compared to the previous academic year. The overall pass rate increased to 77%, reflecting enhanced student learning outcomes and improved academic achievement across the cohort.

The improvement in student performance may be attributed to the effectiveness of the implemented educational strategies, including the use of interactive teaching methods, continuous assessment, and structured practical sessions. These approaches contributed to strengthening students' understanding and engagement with the module content.

Overall, the results indicate a positive trend in student achievement compared to the previous year, reflecting the impact of ongoing enhancements in teaching, learning, and assessment practices.

3. Student Feedback

Item	Comment
Means of Evaluation:	**Student Satisfaction Questionnaire**
Timing of Evaluation:	**At the end of the semester**
Number of students who participated in the course evaluation	**576**
Important points of satisfaction	1. Practical-based learning activities. 2. Portfolio application and reflective learning. 3. Organized teaching schedule. 4. Good integration between theory and practice.
Important points of dissatisfaction	1. Offer more detailed supporting learning resources.

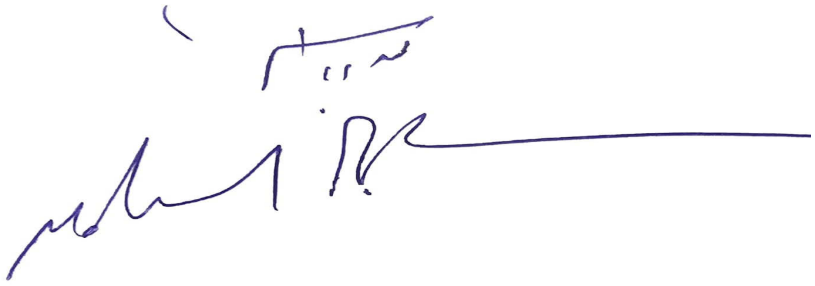
4- Module development plan for the next academic semester/year

(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Methods of implementation	Responsible	Notes
1	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning	Use Microsoft Teams to provide updated materials and e-	Teaching Staff, Department Administration	-

		resources	learning resources		

Name and Signature Module Coordinator	Name and Signature Head of the department council



Module Report

Academic Year: 2025/2026 Semester: S3

1. Basic Information

Module Title (according to the bylaw):	**Professional Practice III: Basic Clinical Skills 2, Infection Control**
Module Code (according to the bylaw):	MED-203
Department/s that participated in the teaching:	General Surgery Internal Medicine Microbiology & Immunology Public Health & Community Medicine
Total number of credit hours/points of the course:	CP 3
Module Type:	Compulsory
The level to which the course was introduced:	2nd academic year
Academic Program:	MBBCH
Faculty/Institute:	Faculty of Medicine
University/Academy:	Zagazig University
Name of Module Coordinator:	Enas Mohamed Desouky Michael Edwar Farag
Date of approval of the course report	17/3/2026

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		**Number of Teaching Assistants**	
Full-time (at least 4 working days)	**Part-time (1 or 2 days)**	**Full-time (at least 4 working days)**	**Part-time (1 or 2 days)**
127	--	34	--
Instructor Name	Department	Academic degree	Specialty
1. Elsayed Ahmed Hassan El-Nahal	Internal medicine	Professor	Nephrology

2. Nermean Mohammed Rashad	Internal medicine	Professor	Endocrinology
3. Saed Mohamed Eid El-barshomy	Internal medicine	Professor	Nephrology
4. Gehan Saed Abdo	Internal medicine	Professor	Endocrinology
5. Magda Mahrous Sherif	Internal medicine	Professor	Nephrology
6. Marawan nabil Elgohary	Internal medicine	Professor	Gasteroentrology
7. Azza Hassan abdel-fatah	Internal medicine	Assistant professor	Endocrinology
8. Mohamed Gaber Hamed	Internal medicine	Assistant professor	Endocrinology
9. Nevin fouad Ibrahim	Internal medicine	Assistant Professor	Gasteroentrology
10. Mahmoud Hosny Zahran	Internal medicine	Assistant professor	Nephrology
11. Tamer Mohammed Gouda	Internal medicine	Assistant professor	Nephrology
12. Aymen Fathy Elsayed	Internal medicine	Assistant Professor	Gastroenterology
13. Aymen Reyad Abdelhamid	Internal medicine	Assistant professor	Nephrology
14. Reda Abd-elmonem Kamel	Internal medicine	Assistant Professor	Nephrology
15. Shimaa Abd-elmonem Mohammed	Internal medicine	Assistant Professor	Hematology
16. Usama Ragab Youssef	Internal medicine	Assistant Professor	Immunology
17. Elsayed Anany Metwaly	Internal medicine	Assistant Professor	Hematology
18. Mohammed Abdelazem Abdelazem	Internal medicine	Lecturer	Gastroenterology
19. Saed Abdelbaky Gad Shams	Internal medicine	Lecturer	Gastroenterology
20. Shady Emad Shaker	Internal medicine	Lecturer	Gastroenterology
21. Nermean Saad Ghanem	Internal medicine	Lecturer	Endocrinology
22. Roudalia Mosalam Makhalouf	Internal medicine	Lecturer	Nephrology
23. Mohammed Abdel-maboud Abd-elhamid	Internal medicine	Lecturer	Gastroenterology
24. Ahmed Ismael Hassan	Internal medicine	Lecturer	Gastroenterology
25. Ahmed Noaman Soliman	Internal medicine	Lecturer	Immunology
26. Ahmed Atef Zaki	Internal medicine	Lecturer	Endocrinology
27. Reda Mohmed khodary	Internal medicine	Lecturer	Geriatric

28. Ramy Adel El-shahat	Internal medicine	Lecturer	Gastroenterology
29. Noha osama Khalil	Internal medicine	Lecturer	Endocrinology
30. Mostafa Mahmoud Salah	Internal medicine	Lecturer	Nephrology
31. Ahmed Khalid Alkolaly	Internal medicine	Lecturer	Geriatric
32. Ahmed Mohmmed Farag	Internal medicine	Lecturer	Infection
33. Mohammed Gamal Khalifa	Internal medicine	Lecturer	Endocrinology
34. Mohammed Gamal Elshamy	Internal medicine	Lecturer	Hematology
35. Ahmed Mahmoud Mohamed Mahmoud	Internal medicine	Lecturer	Gastroenterology
36. Samar Mohamed Mohaseb	Internal medicine	Lecturer	Geriatric
37. Zeinab Maher mohamed	Internal medicine	Lecturer	Geriatric
38. Ahmed Ghareeb menshawy	Internal medicine	Lecturer	Nephrology
39. Aymen Fareed Saad El-awady	Internal medicine	Lecturer	Hematology
40. Amro mohammed sameh	Internal medicine	Lecturer	Nephrology
41. Nashwa Abo-farag Deraz	Internal medicine	Lecturer	Endocrinology
42. Dr. Amira Essam Ahmed	Public Health and Community Medicine	Demonstrator	Public Health
43. Dr. Amira Ibrahim Abdel Rahman	Public Health and Community Medicine	Assistant lecturer	Occupational Medicine
44. Dr. Aya Attia Desouky	Public Health and Community Medicine	Assistant lecturer	Occupational Medicine
45. Dr. Arwa Khaled Abdel Aleem	Public Health and Community Medicine	Demonstrator	Occupational Medicine
46. Dr. Eman Tahseen Askar	Public Health and Community Medicine	Assistant lecturer	Occupational Medicine
47. Dr. Esraa Abdel Salam Ibrahim	Public Health and Community Medicine	Assistant lecturer	Occupational Medicine
48. Dr. Hadeer Mohsen Mohamed	Public Health and Community Medicine	Demonstrator	Occupational Medicine
49. Dr. Hager Nader Mohamed	Public Health and Community Medicine	Demonstrator	Public Health
50. Dr. Gehad Fawzy Mohamed El-Mallat	Public Health and Community Medicine	Assistant lecturer	Public Health
51. Dr. Nora Rashad Kamal	Public Health and Community Medicine	Assistant lecturer	Public Health
52. Dr. Omnia Mohamed Mostafa	Public Health and Community Medicine	Demonstrator	Public Health
53. Dr. Rewaa Maged Hassan	Public Health and Community Medicine	Demonstrator	Public Health

54. Dr. Sara Waheed Abdel Aziz	Public Health and Community Medicine	Demonstrator	Occupational Medicine
55. Dr. Shaimaa Alaa Mohamed	Public Health and Community Medicine	Demonstrator	Public Health
56. Dr. Yasmeen Ahmed Mourad Asaad	Public Health and Community Medicine	Demonstrator	Public Health
57. Dr. Yara Ahmed Abdallah	Public Health and Community Medicine	Demonstrator	Public Health
58. Dr. Yara Hossam El-Din Mohamed	Public Health and Community Medicine	Demonstrator	Occupational Medicine
59. Dr. Yousra Ayman Yassin Soliman	Public Health and Community Medicine	Demonstrator	Public Health
60. Ahmed Mohamed Morad Asaad	Medical Microbiology & Immunology	Professor	Medical Microbiology, Immunology & Infection Control
61. Dr. Nahla Abdel-hameed Mohamed	Medical Microbiology & Immunology	Professor	Medical Microbiology, Immunology & Infection Control
62. Dr. Rehab Mohamed El-Saeed	Medical Microbiology & Immunology	Professor	Medical Microbiology, Immunology & Infection Control
63. Dr. Rehab Hosny Mohamed Elsokary	Medical Microbiology & Immunology	Professor	Medical Microbiology, Immunology & Infection Control
64. Dr. Marian Asaad Gerges	Medical Microbiology & Immunology	Professor	Medical Microbiology & Immunology
65. Dr. Mai Mohamed Malek	Medical Microbiology & Immunology	Professor	Medical Microbiology, Immunology & Infection Control
66. Dr. Rania Mohamed Mohamed	Medical Microbiology & Immunology	Professor	Medical Microbiology & Immunology
67. Hend Abdullah Elsayed	Medical Microbiology & Immunology	Assistant Professor	Medical Microbiology & Immunology
68. Dr. Zeinab Saeed Mohamed	Medical Microbiology & Immunology	Assistant Professor	Medical Microbiology & Immunology
69. Dr. Aya Mohamed Abdelaziz	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology

70. Dr. Alaa Osama Abdelkareem	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
71. Dr. Mai Elsadek Kamel	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
72. Marwa Hassan Attia	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
73. Dr. Fatma Zohry Kamel	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
74. Dr. Wessam Abdelmoem Hafez	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
75. Dr. Basma Ahmed Mohamed	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
76. Dr. Shymaa Essam Tawfiq	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
77. Dr. Nagwa Ibrahim Mohamed	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
78. Dr. Norhan Mohamed Abdelaziz	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
79. Dr. Nashwa Mohamed Elsayed	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
80. Dr. Enas Mohamed desokey	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
81. Dr. Asmaa fathy Mohamed	Medical Microbiology & Immunology	Lecturer	Medical Microbiology & Immunology
82. Dr. Safia salama Mohamed	Medical Microbiology & Immunology	Assistant lecturer	Medical Microbiology & Immunology
83. Dr. Amira Gamal Mohamed	Medical Microbiology & Immunology	Assistant lecturer	Medical Microbiology & Immunology
84. Dr. Alaa emad Mohamed	Medical Microbiology & Immunology	Assistant lecturer	Medical Microbiology & Immunology
85. Dr. Arwa Omar ali	Medical Microbiology & Immunology	Assistant lecturer	Medical Microbiology & Immunology

86. Dr. Esraa ahmed Mahmoud	Medical Microbiology & Immunology	Demonstrator	Medical Microbiology & Immunology
87. Wael Lotfy	General Surgery	Professor	General Surgery
88. Morsy Mohamed	General Surgery	Professor	General Surgery
89. Hatem Abdel menaiem	General Surgery	Professor	General Surgery
90. Wael Mansy	General Surgery	Professor	General Surgery
91. Osama Abdelaziz	General Surgery	Professor	General Surgery
92. Taha Abdelwahab	General Surgery	Professor	General Surgery
93. Mostafa Bayoumi	General Surgery	Professor	General Surgery
94. Tamer Alnoaiemy	General Surgery	professor	General Surgery
95. Mohamed Alkilany	General Surgery	professor	General Surgery
96. Gamal Osman	General Surgery	professor	General Surgery
97. Amr Ibrahim	General Surgery	professor	General Surgery
98. Ramadan Mahmoud	General Surgery	professor	General Surgery
99. Ahmed Raafat	General Surgery	professor	General Surgery
100. Abdelwahab Saleh	General Surgery	professor	General Surgery
101. Waleed Abdelhady	General Surgery	professor	General Surgery
102. Mohamed Boghdady	General Surgery	professor	General Surgery
103. Ahmed Sallam	General Surgery	professor	General Surgery
104. Mostafa ALaidy	General Surgery	professor	General Surgery
105. Ahmed Yehya	General Surgery	professor	General Surgery
106. Abdelwahab Mohamed	General Surgery	Assistant professor	General Surgery
107. Joseph Rizk	General Surgery	Assistant professor	General Surgery
108. Mohamed Mokhtar	General Surgery	Assistant professor	General Surgery
109. Tamer ALshaheidy	General Surgery	Assistant professor	General Surgery
110. Yaser Ali	General Surgery	Assistant professor	General Surgery
111. Loay ALhady	General Surgery	Assistant professor	General Surgery
112. Ahmed Kamal	General Surgery	Assistant professor	General Surgery

113. Sayed Hindawy	General Surgery	Assistant professor	General Surgery
114. Ahmed Shafiq	General Surgery	Assistant professor	General Surgery
115. Saeed Negm	General Surgery	Assistant professor	General Surgery
116. Ehab Shehata	General Surgery	Assistant professor	General Surgery
117. Amr fouad	General Surgery	Assistant professor	General Surgery
118. Mohamed Negm	General Surgery	Assistant professor	General Surgery
119. Mostafa Khairy	General Surgery	Assistant professor	General Surgery
120. Alaa Fayyad	General Surgery	Assistant professor	General Surgery
121. Sameh Naguib	General Surgery	Assistant professor	General Surgery
122. Eslam Abozaid	General Surgery	Assistant professor	General Surgery
123. Abdelrahman Nawwar	General Surgery	Lecturer	General Surgery
124. Ashraf Algharabawy	General Surgery	Lecturer	General Surgery
125. Rasha Shaaban	General Surgery	Lecturer	General Surgery
126. Kareem Fathy	General Surgery	Lecturer	General Surgery
127. Ahmed Mesbah	General Surgery	Lecturer	General Surgery
128. Abdelfattah Hasan	General Surgery	Lecturer	General Surgery
129. Youssef Alayman	General Surgery	Lecturer	General Surgery
130. Ahmed Khaled	General Surgery	Lecturer	General Surgery
131. Alaa Haggag	General Surgery	Lecturer	General Surgery
132. Mohamed Hebeshei	General Surgery	Lecturer	General Surgery
133. Mohamed Salah	General Surgery	Lecturer	General Surgery
134. Mohamed Osama	General Surgery	Lecturer	General Surgery
135. Mohamed Tharwat	General Surgery	Lecturer	General Surgery
136. Reham Zakaria	General Surgery	Lecturer	General Surgery
137. Adel Abdelhameed	General Surgery	Lecturer	General Surgery
138. Abdelbaset Mohamed	General Surgery	Lecturer	General Surgery

139.	Mohamed bayoumi	General Surgery	Lecturer	General Surgery
140.	Hisham Abdelazeem	General Surgery	Lecturer	General Surgery
141.	Mohamed Adel	General Surgery	Lecturer	General Surgery
142.	Ahmed Mahgoub	General Surgery	Lecturer	General Surgery
143.	Saad Nagy	General Surgery	Lecturer	General Surgery
144.	Ahmed Attiah	General Surgery	Lecturer	General Surgery
145.	Ahmed Sami	General Surgery	Lecturer	General Surgery
146.	Mohamed Gamal	General Surgery	Lecturer	General Surgery
147.	Hosam Hasan	General Surgery	Lecturer	General Surgery
148.	Ashraf Ashry	General Surgery	Lecturer	General Surgery
149.	Ahmed Helmy	General Surgery	Lecturer	General Surgery
150.	Peter Hany	General Surgery	Lecturer	General Surgery
151.	Amgad Ismail	General Surgery	Assistant Lecturer	General Surgery
152.	Mohamed Ibrahim	General Surgery	Assistant Lecturer	General Surgery
153.	Emad Adel	General Surgery	Assistant Lecturer	General Surgery
154.	Eshraq Salim	General Surgery	Assistant Lecturer	General Surgery
155.	Mohamed Nazeeh	General Surgery	Assistant Lecturer	General Surgery
156.	Omar Agwa	General Surgery	Assistant Lecturer	General Surgery
157.	Mohab Mazen	General Surgery	Assistant Lecturer	General Surgery
158.	Amira Mansour	General Surgery	Assistant Lecturer	General Surgery
159.	Ahmed Adel	General Surgery	Assistant Lecturer	General Surgery
160.	Nora Ahmed	General Surgery	Assistant Lecturer	General Surgery
161.	Mohamed Farahat	General Surgery	Assistant Lecturer	General Surgery

Notes (if any):
1. The teaching staff and teaching assistants were appropriately specialized and aligned with the course content.
2. Practical sessions were assigned to qualified teaching assistants with relevant experience in practical instruction.
3. Additional learning resources, including lecture notes, educational materials, references, and Incision

Academy online modules, were provided through the learning management system to support self-learning and improve understanding of practical and clinical topics. 4. Students were divided into Groups A, B, and C to maintain suitable group sizes, support active learning, and enhance engagement during practical sessions. 5. Practical revision sessions were conducted to prepare students for practical examinations and strengthen laboratory skills.

Teaching and Learning					
Number of weeks of actual study	**Total number of theoretical teaching hours (Lectures/.....)**	**Total number of training hours (practical/clinical/...)**	**Total number of field training hours (if any)**	**Total number of self-learning hours (if any)**	**Other (to be mentioned)**
6	**28**	**12**			

Notes (if any) on:
The teaching staff effectively delivered the course content, ensuring alignment between the theoretical and practical components and the allocated teaching schedule. All topics specified in the course specification were covered within the planned timeframe. In addition, the teaching and learning strategies outlined in the course specification, particularly active learning methods, were successfully implemented to enhance student engagement and support the achievement of the intended learning outcomes, contributing to improved academic performance

Student Assessment Methods that have been Implemented				
Method of Assessment *	**Date**	**Marks**	**Type and number of questions**	**Measured Module Learning Outcomes** (Mention the text)
Quiz (End module)		**13**	**SBA**	• Demonstrate precise suturing techniques while maintaining aseptic conditions • Recognizes the types and signs of shock and burns • Recognize the definition, types, and impact of hospital-acquired infections • Recognize Laboratory hazards and applies appropriate management protocols • Understand the principles and stages of wound healing • Describe the anatomy of veins and principles of venous

				access • Identify methods of oxygen delivery
Final Written		**18**	**SBA**	• Demonstrate proper hand hygiene technique • Describe the importance of sterilization and disinfection in healthcare settings • Identify aseptic technique during preparation for medical procedures • Understand safe administration of local anesthetics safely using appropriate techniques • Describe the principles and types of aseptic non-touch technique • Describe the definition and types of transmission-based precautions • Identify the principles of safe injection • Understand the pharmacology of local anesthetics including indications and complications • Understand the indications and complications of nasogastric tube insertion • Identify indications for nebulization and inhalation therapy • Understand the importance of proper inhalation techniques for optimal drug delivery • Identify indications and safety measures for diagnostic swabs and blood collection • Identify indications for nebulization and inhalation therapy
OSPE/OSCE		**9**		• Apply wound dressings using aseptic techniques and provides patient education • Use personal protective equipment correctly to prevent infection • Demonstrate safe handling

				and disposal of sharps • Identify indications for cannulation and types of cannulas • Perform nasogastric tube insertion, venipuncture, and cannulation accurately • Perform male and female catheterization using sterile techniques
Booklet		**5**	**EMQ,SBA**	• • Recognize the definition, types, and impact of hospital-acquired infections • Demonstrate proper hand hygiene technique • Recognize teamwork and applies shared safety standards in healthcare • Describe the importance of sterilization and disinfection in healthcare settings • Identifie aseptic technique during preparation for medical procedures • Describe the principles and types of aseptic non-touch technique • Describe the definition and types of transmission-based precautions • Use personal protective equipment correctly to prevent infection • Identify the principles of safe injection • Demonstrate safe handling and disposal of sharps • Recognize laboratory hazards and applies appropriate management protocols

*** The methods mentioned are examples the institution may add and delete depending on the nature of the course**

Comment on the procedures and rules of student assessment that have been implemented (e.g. examination committees, exam paper review, blueprints, ….), and the rules for passing the

course:

1. The assessment process followed the **Credit Point Bylaw (2023)** and the Faculty of Medicine's assessment policies.
2. A range of evaluation methods were applied, including **quiz, written exams, OSPE/OSCE, formative assessments**.
3. Assessment **blueprints** were created to ensure proper alignment between learning outcomes and assessment methods.
4. Students were **informed at the start of the module** about assessment formats, grade distribution, and passing requirements.
5. All assessment activities and grading procedures were conducted **fairly and transparently** in accordance with the approved regulations.
6. Students expressed the need for **additional formative assessments** and more **structured feedback** to enhance their learning experience.
7. The **practical examination format** was noted to be overly reliant on **photo-based stations**, which limited evaluation of hands-on skills; a more **interactive, model-based approach** was recommended to better assess practical competencies.

Student Assessment Results	
Number of students (who started the module):	**1830**
Number of students (who completed the module/ sat for the exam):	**1729**
Number of students who did not attend the final written exam (absent - deprived - withdrawn):	**101** **(Absent with excuse 4)** **(Absent without excuse 97)**
Total number of students who passed the exams successfully:	**1661**
Percentage of success (out of the total number of students who sat for the final exam)	**96.07%**

Grade Distribution						
Grade	**A**	**B**	**C**	**D**	**F**	**F-**
Number of students	**932**	**476**	**68**	**58**	**195**	
Percentage	**53.9%**	**27.5%**	**3.9%**	**3.4%**	**11.3%**	

Total number of students who failed the exams:	**68**
Percentage of failure (for the total number of students who took the final exam)	**4.03%**

Commenting on student results, analyzing student performance (including factors that affected the results if any), and comparing them with the results of the previous year:
Most students successfully passed the module and achieved the required learning outcomes. However, some students did not meet the passing requirements for different reasons, including disciplinary actions related to cheating cases, exceeding the allowed absence limit, or failure to achieve the minimum passing score in the final examination. Irregular attendance and limited engagement in learning activities may also

have affected the performance of some students.

3. Student Feedback

*** Feedback from students must include their evaluation of the following: scientific content – teaching and learning methods – facilities and learning resources – examinations - ……**
(attach the questionnaire analysis report or any other means used, and the points evaluated).

Item	Comment
Means of Evaluation:	• Student Satisfaction Questionnaire - Students'
Timing of Evaluation:	• Student Satisfaction Questionnaire: administered at the end of the semester (19/1/2026)
Number of students who participated in the course evaluation	376
Percentage of participants to the total number	(20.5%)
Important points of satisfaction	* Clear course objectives and organization. * Effective teaching methods and explanations. * Strong scientific and clinical relevance. * Fair and transparent assessment methods. * Supportive and respectful learning environment
Important points of dissatisfaction	* Need for more interactive discussions. * Need for additional practical and clinical activities. * Enhancement of formative feedback processes. * Increased use of case-based learning

4. Staff Members Reflections

*** Instructors' views on the educational process, scientific content, adequacy of resources, etc. (if any)**

- Faculty staff members reported that the module was delivered effectively, and students engaged well with the interactive activities and continuous assessment.

- Staff members further recommended increasing practical assessment opportunities, expanding the use of educational technology and online resources, and regularly reviewing the session schedule and assessment methods to improve the overall learning experience.

- The quality of instruction was occasionally impacted by the huge number of students in a single session, particularly in practical lessons and TBL sessions.

- Occasionally, technical issues affected the computers and data show, so staff members had to use their own laptops for teaching.

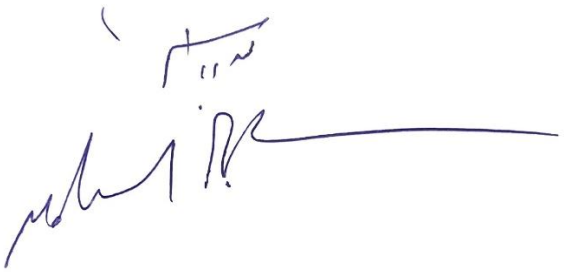
5. Module Enhancement

Comment on uncompleted corrective/improvement actions from last year's plan (if any, mentioning the reasons)

This module is being implemented for the first time under the Credit Hour Bylaw (2023). Therefore, there were no corrective or improvement actions from the previous year's plan related to this module. Any development actions will be based on the current year's implementation outcomes and student feedback.

Module development plan for the next academic semester/year
(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Method of implementation	Responsible	Notes
1.	Manage increasing student numbers in lectures and practical sessions. (lectures, practical classes)	Distribute students into more groups and conduct sessions on a parallel or rotational basis to enhance interaction and reduce .overcrowding	Split students into two groups and conduct parallel or rotating sessions according to the timetable and room capacity	Curriculum Committee, Vice Dean for Education and Student Affairs	Requires coordination of the timetable and room allocation
2.	Expand interactive teaching and case-based learning	Increase use of clinical case discussions, and active learning strategies	Integrate interactive activities into the weekly teaching plan	Teaching Staff	Already partially implemented, to be strengthened
3.	Strengthen practical teaching activities and hands-on training	Increase use of anatomical models, microscopes, histological slides, and structured practical sessions	Add structured practical sessions within the timetable	Head of Department, Teaching Staff	Requires the availability of resources and coordination
4.	Improve practical assessment methods	Gradual reintroduction of structured practical examinations using models, slides, and laboratory stations	Redesign the practical exam format in coordination with the department and teaching staff	Head of Department, Teaching Staff	Long-term improvement goal
5.	Enhance assessment feedback and communication with students	Provide structured feedback sessions and timely communication of assessment results	Oral and written feedback sessions after exams and assignments	Teaching Staff	Continuous implementation
6.	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning resources	Use Microsoft Teams to provide updated materials and e-learning resources	Teaching Staff, Department Administration	Continuous development

Name and Signature Module Coordinator	Name and Signature Head of the department council
	

Module Report

Academic Year: 2025/2026 Semester: …S4…

1. Basic Information

Module Title (according to the bylaw):	Professional Practice IV (S4)
Module Code (according to the bylaw):	BMS PP2-4
Department/s that participated in the teaching:	(Family medicine, Community medicine)
Total number of credit hours/points of the course:	(CP 1.5)
Module Type:	Compulsory
The level to which the course was introduced:	2nd academic year
Academic Program:	Bachelor of Medicine and Surgery (MBBCH)
Faculty/Institute:	Faculty of Medicine
University/Academy:	Zagazig university
Name of Module Coordinator:	Dr/ Nesma Abd Allah Mahmoud, D. Samar Ahmed Abd El Salam
Date of approval of the course report	15/9/2026

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
Family Medicine (6)	------	Family Medicine (21)	------

Instructor Name	Department	Academic degree	Specialty
Shereen Mohammed Bahgat	Family Medicine	Professor	Family Medicine
Marwa Abdelhady Hassn	Family Medicine	Lecturer	Family Medicine
Nada Abbas Hassn	Family Medicine	Lecturer	Family Medicine
Samar Ahmed Abd El Salam	Family Medicine	Lecturer	Family Medicine
Aya Mohammed Abdelhamed	Family Medicine	Lecturer	Family Medicine
Aya Ahmed Alsyed	Family Medicine	Lecturer	Family Medicine
Shimaa Mohammed Mohammed	Family Medicine	Assistant Lecturer	Family Medicine

Alaa Abdelrazeq Ibrahim	Family Medicine	Assistant Lecturer	Family Medicine
Mohammed Nagah Abdelhafez	Family Medicine	Assistant Lecturer	Family Medicine
Zinab Mohammed Amr	Family Medicine	Assistant Lecturer	Family Medicine
Gehad Atia Fahmy	Family Medicine	Assistant Lecturer	Family Medicine
Mona Mohsen Salah	Family Medicine	Assistant Lecturer	Family Medicine
Gehan Abdellla Abdo	Family Medicine	Assistant Lecturer	Family Medicine
Azza Mohammed Alsyed	Family Medicine	Demonstrator	Family Medicine
Sara Abdo Ibrahim	Family Medicine	Demonstrator	Family Medicine
Alaa Adel Ftooh	Family Medicine	Demonstrator	Family Medicine
Amira Magdy Ali	Family Medicine	Demonstrator	Family Medicine
Dina Atia Saadon	Family Medicine	Demonstrator	Family Medicine
Aya Hafez Hafez	Family Medicine	Demonstrator	Family Medicine
Mona Sabry Abdella	Family Medicine	Demonstrator	Family Medicine
Alaa Magdy Ali	Family Medicine	Demonstrator	Family Medicine
Nada Samir Ismaail	Family Medicine	Demonstrator	Family Medicine
Eman Ali Mohammed	Family Medicine	Demonstrator	Family Medicine
Rwan Atef Osthman	Family Medicine	Demonstrator	Family Medicine
Mariam Adel Fahim	Family Medicine	Demonstrator	Family Medicine
Asmaa Ramadan Abdelmonem	Family Medicine	Demonstrator	Family Medicine
Amany Ibrahim Bakr	Family Medicine	Demonstrator	Family Medicine
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
Public Health and Community Medicine (21)	------	Public Health and Community Medicine (25)	------
Instructor Name	Department	Academic degree	Specialty
Ghada Mahmoud Khalil	Public Health and Community Medicine	Professor	Public Health
Samah Samir Shata	Public Health and Community Medicine	Professor	Occupational and Industrial Medicine
Ghada Mohamed Salem	Public Health and Community Medicine	Professor	Public Health
Noha Mohamed Abdelsalam	Public Health and Community Medicine	Professor	Public Health
Amira Elsayed Abdelsalam	Public Health and Community Medicine	Professor	Public Health
Dalia Abdalla Mohamed	Public Health and Community Medicine	Professor	Occupational and Industrial Medicine
Hanaa Aboelazaim Ibrahim	Public Health and Community Medicine	Professor	Public Health
Amal Elwan Mohamed	Public Health and Community Medicine	Assistant Professor	Public Health
Hala Ahmed Magdy	Public Health and Community Medicine	Assistant Professor	Public Health
Lamiaa Lofty Abdelaziz	Public Health and	Assistant Professor	Public Health

	Community Medicine		
Dina Sameh Mohamed	Public Health and Community Medicine	Assistant Professor	Occupational and Industrial Medicine
Afaf Mohmoud Mohamed	Public Health and Community Medicine	Assistant Professor	Public Health
Mona Sami Hamed	Public Health and Community Medicine	Assistant Professor	Public Health
Mona Hamed Ibrahim	Public Health and Community Medicine	Assistant Professor	Public Health
Nesma Abdallah Mahmoud	Public Health and Community Medicine	Assistant Professor	Public Health
Hebatalla Magdy Fawzy	Public Health and Community Medicine	Lecturer	Public Health
Enjy Ahmed Esmat	Public Health and Community Medicine	Lecturer	Occupational and Industrial Medicine
Lamiaa Elsayed Nasr	Public Health and Community Medicine	Lecturer	Public Health
Mona Fathy Ali	Public Health and Community Medicine	Lecturer	Occupational and Industrial Medicine
Dina Abdelwahab Fikry	Public Health and Community Medicine	Lecturer	Occupational and Industrial Medicine
Doaa Mohamady Mohamed	Public Health and Community Medicine	Lecturer	Public Health
Nada Hesham Elawady	Public Health and Community Medicine	Assistant Lecturer	Public Health
Noha Hesham Elawady	Public Health and Community Medicine	Assistant Lecturer	Public Health
Amira Shawally Mohamed	Public Health and Community Medicine	Assistant Lecturer	Occupational and Industrial Medicine
Yassmin Essam Ahmed	Public Health and Community Medicine	Assistant Lecturer	Public Health
Soad Abdelazim Hassan	Public Health and Community Medicine	Assistant Lecturer	Public Health
Samah Ahmed Elayman Abdelaal	Public Health and Community Medicine	Assistant Lecturer	Public Health
Dina Gaber Zaki	Public Health and Community Medicine	Assistant Lecturer	Occupational and Industrial Medicine
Donia Attia Sadoun	Public Health and Community Medicine	Assistant Lecturer	Public Health
Amira Ibrahim Abdelrahman	Public Health and Community Medicine	Assistant Lecturer	Occupational and Industrial Medicine
Noura Rashad Ahmed	Public Health and Community Medicine	Demonstrator	Public Health
Iman Tahseen Elsayed	Public Health and Community Medicine	Demonstrator	Occupational and Industrial Medicine
Gehad Fawzy Mohamed	Public Health and Community Medicine	Demonstrator	Public Health
Israa Abdelsalam Ibrahim	Public Health and	Demonstrator	Occupational and

	Community Medicine		**Industrial Medicine**
Yousra Ayman Yassin	**Public Health and Community Medicine**	**Demonstrator**	**Public Health**
Amira Essam Ahmed	**Public Health and Community Medicine**	**Demonstrator**	**Public Health**
Hadeer Mohsen Mohamed	**Public Health and Community Medicine**	**Demonstrator**	**Occupational and Industrial Medicine**
Hagar Nader Mohamed	**Public Health and Community Medicine**	**Demonstrator**	**Public Health**
Arwa Khaled Abdelaleem	**Public Health and Community Medicine**	**Demonstrator**	**Occupational and Industrial Medicine**
Shimaa Alaa Mohamed	**Public Health and Community Medicine**	**Demonstrator**	**Public Health**
Marina Farid Abdo	**Public Health and Community Medicine**	**Demonstrator**	**Occupational and Industrial Medicine**
Omina Mohamed Mostafa	**Public Health and Community Medicine**	**Demonstrator**	**Public Health**
Rana Gamal Mohamed	**Public Health and Community Medicine**	**Demonstrator**	**Occupational and Industrial Medicine**
Yara Ahmed Abdallah	**Public Health and Community Medicine**	**Demonstrator**	**Public Health**
Yara Hossam Eldin Mohamed	**Public Health and Community Medicine**	**Demonstrator**	**Occupational and Industrial Medicine**
Sara Wahid Abdelaziz	**Public Health and Community Medicine**	**Demonstrator**	**Occupational and Industrial Medicine**

Notes (if any):

1- **The specialization of the teaching staff and teaching assistants was well aligned with the course content.**
2- **Practical teaching sessions were assigned to the course teaching assistants based on their competence, experience, and strong background in delivering practical instruction to students.**
3- **Students were divided into Groups A, B, and C to ensure that group size was appropriate for the nature of the course and to meet students' educational and practical learning needs. This arrangement facilitated the effective implementation of active teaching and learning strategies and enhanced student engagement during practical sessions.**
4- **Practical revision sessions were conducted to support students' preparation for the practical examinations and to reinforce their laboratory and hands-on skills.**
5- **In addition, supplementary learning resources were provided to students through the learning management system, including lecture notes, educational materials, and recommended references. Students were also given access to Incision Academy courses and online learning modules to support their self-learning and improve their understanding of the practical and clinical parts of the module.2026-2025 تقرير**

Teaching and Learning					
Number of weeks of actual study	**Total number of theoretical teaching hours(Lectures/.....)**	**Total number Of training hours (practical/clinical/...)**	**Total number of field training hours(if any)**	**Total number of self-learning hours(if any)**	**Other(to be mentioned)**

7	14	22		24	

Notes (if any)on:
The teaching staff carefully delivered the course contents to ensure proper alignment between the theoretical and practical content and the allocated number of teaching weeks. Consequently, all topics specified in the course specification were successfully covered within the scheduled timeframe. Furthermore, all teaching and learning strategies outlined in the course specification, particularly active learning approaches, were effectively implemented to enhance students' learning experience and support the achievement of the intended learning outcomes. This contributed to improving students' academic performance and overall educational development.

Student Assessment Methods that have been Implemented				
Method of Assessment *	**Date**	**Marks**	**Type and number of questions**	**Measured Module Learning Outcomes** (Mention the text)
Quiz		**7**	**14 MCQ questions**	**1.1.1**Define communication, and inter-relations communication **1.1.2** Define uses of communication **1.2.1** Describe the communication process **1.2.2** Recognize different skills used in communication, **1.3.1** Define different barriers in communications process **1.4.1** Understand communication cycle and how to deal with verbal and non-verbal skills. **1.4.2** Understand patient perspectives and contexts **1.5.1** Identify the responsibility of a physician towards the patients **1.7.1** Identify the importance of respect for patients, their families, and other health care professionals. **1.7.2** Define consultation process and its uses. **1.13.1** Identify the value of feedback in improving the physician's performance. **1.13.2** Recognize different methods used in communication regarding behaviors with patients and colleagues **1.14.1** Recognize different types of feedback **2.2.1** Build rapport with the patient **2.2.2** Apply verbal and non-verbal communication

				3.1.1 Practice active listening to the patient **3.2.1** Take patient history with positive attitude **1.9.1** Explain the meaning and importance of health informatics. **1.9.2** Demonstrate the role of computer science in Medicine and Health Care. **1.9.3** Demonstrate different sources of biomedical data. **1.9.4** Categorize variables and data **6.6.1** Explain hypothesis testing and confidence interval **6.9.3** Compare important vital indices and health profile between Egypt and other countries **5.5.1** Identify the role of communication and information system technologies in Medicine
Final Written		**9**	**18 MCQ questions**	**1.1.1**Define communication, and inter-relations communication **1.1.2** Define uses of communication **1.2.1** Describe the communication process **1.2.2** Recognize different skills used in communication, **1.3.1** Define different barriers in communications process **1.4.1** Understand communication cycle and how to deal with verbal and non-verbal skills. **1.4.2** Understand patient perspectives and contexts **1.5.1** Identify the responsibility of a physician towards the patients **1.7.1** Identify the importance of respect for patients, their families, and other health care professionals. **1.7.2** Define consultation process and its uses. **1.13.1** Identify the value of feedback in improving the physician's performance. **1.13.2** Recognize different methods used in communication regarding behaviors with patients and colleagues

				1.14.1 Recognize different types of feedback **2.2.1** Build rapport with the patient **2.2.2** Apply verbal and non-verbal communication **3.1.1** Practice active listening to the patient **3.2.1** Take patient history with positive attitude **1.9.1** Explain the meaning and importance of health informatics. **1.9.2** Demonstrate the role of computer science in Medicine and Health Care. **1.9.3** Demonstrate different sources of biomedical data. **1.9.4** Categorize variables and data **6.6.1** Explain hypothesis testing and confidence interval **6.9.3** Compare important vital indices and health profile between Egypt and other countries **5.5.1** Identify the role of communication and information system technologies in Medicine
OSPE		**7**	**14 MCQ questions**	**6.9.4** Present (Tables & graphs) both quantitative and categorical data that are related to medical and health sciences studies **6.9.5** Summarize and interpret data related to medical and health sciences studies. **6.10.1** Explain and demonstrate frequency distribution of the population, common shapes of frequency distribution curves, and normal distribution curve **6.6.2** Explain the statistical significance of P- value **6.9.1** Identify common statistical tests (types –uses – equations – methods of calculation) **6.9.2** Explain correlation and linear regression **6.9.3** Compare important vital indices and health profile between Egypt and other countries
Formative assessment	Click or tap to enter a date.	-	-	-

Formative assessment	**16/2/2026** **3/3/2026**	-	**1st Formative assessment (3 MCQ)** **2nd formative assessment(4 MCQ)**	• Understand communication cycle and how to deal with verbal and non-verbal skills. • Understand patient perspectives and contexts • Identify the responsibility of a physician towards the patients • Identify the importance of respect for patients, their families, and other health care professionals. • Define consultation process and its uses. • Identify the value of feedback in improving the physician's performance. • Recognize different methods used in communication regarding behaviors with patients and colleagues • Explain the meaning and importance of health informatics. Demonstrate the role of computer science in Medicine and Health Care. • Demonstrate different sources of biomedical data. • Categorize variables and data • Explain hypothesis testing and confidence interval • Compare important vital indices and health profile between Egypt and other countries • Identify the role of communication and information system technologies in Medicine

*** The methods mentioned are examples the institution may add and delete depending on the nature of the course**

Comment on the procedures and rules of student assessment that have been implemented (e.g. examination committees, exam paper review, blueprints, ….), and the rules for passing the course:

1. **The assessment process was conducted in accordance with the Credit Point Bylaw (2023) and the Faculty of Medicine assessment policies.**
2. **A variety of assessment methods were used, including quizzes, final written examinations, OSPE/OSCE, assignments, formative assessments, Team-Based Learning (TBL) activities, and portfolio assessment to evaluate students' achievement of the module learning outcomes.**

3. **Assessment blueprints were prepared to ensure alignment between learning outcomes and assessment methods. .**
4. **Students were informed about assessment methods, grade distribution, and passing requirements at the beginning of the module.**
5. **All assessment activities and grading procedures were conducted fairly and transparently according to the approved regulations of the Credit Point Bylaw (2023).**

Overall, the assessment methods provided appropriate opportunities to evaluate students' knowledge, practical skills, and professional performance and were aligned with the intended learning outcomes of the module.
Further enhancement may be achieved through increasing formative assessment opportunities and providing more structured feedback to students to support continuous learning and academic improvement.

Student Assessment Results	
Number of students (who started the module):	• عدد اللي دخلوا الامتحان:
Number of students (who completed the module/ sat for the exam):	طالب
Number of students who did not attend the final written exam (absent, deprived - withdrawn):	**Number of students who did not attend the final exam: students** • **Absent:** • **Deprived (attendance):**
Total number of students who passed the exams successfully:	• عدد اللي دخلوا الامتحان: • عدد اللي نجحوا:

Commenting on student results, analyzing student performance (including factors that affected the results if any), and comparing them with the results of the previous year:
Student performance in this year shows that some students passed the module successfully, while others did not achieve the passing requirements.
The reasons for not passing were different. Some students were not allowed to complete the exam due to disciplinary actions related to cheating cases. Other students were not allowed to sit for the final exam because they exceeded the allowed absence limit. In addition, some students attended the exam but did not achieve the minimum passing score.
Irregular attendance and weak participation in some teaching activities may also have affected the performance of certain students.
Overall, the results show different levels of student performance, and there is a need to improve attendance, engagement, and academic support in the future.
When comparing student performance in the current academic year with the previous year, a variation in results can be observed.
This year, the results showed a slightly higher number of non-successful students compared to the previous year. This was mainly due to several factors, including disciplinary cases such as cheating incidents, students being barred from exams due to exceeding the allowed absence limit, and a number of students not achieving the minimum passing score in the final examination.
In addition, irregular attendance and lower engagement in some learning activities were more evident in a group of students this year, which may have contributed to the difference in performance compared to last year.
Overall, while the general pattern of student achievement remains similar, the current year reflects

a higher rate of non-completion and non-passing cases. This highlights the need for continued efforts to improve attendance, student engagement, and academic support strategies.

3. Student Feedback

*** Feedback from students must include their evaluation of the following: scientific content – teaching and learning methods – facilities and learning resources – examinations - ……**
(attach the questionnaire analysis report or any other means used, and the points evaluated).

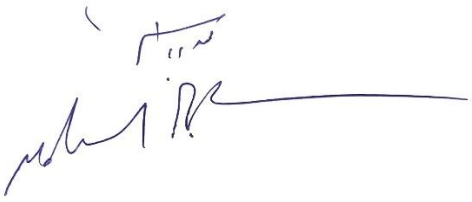
Item	Comment
Means of Evaluation:	**Student Satisfaction Questionnaire** **Students' Reflection Sheets are included in the Portfolio.**
Timing of Evaluation:	**Students' Reflection Sheets are included in the Portfolio. At the end of the module** **Student Satisfaction Questionnaire** **At the end of the semester**
Number of students who participated in the course evaluation	**In the questionnaire** **In portfolio**
Important points of satisfaction	**1. Students appreciated the organization of the Renal Module and the clarity of teaching objectives.** **2. Interactive teaching methods and practical sessions were positively evaluated.** **3. Students expressed the need for more practical demonstrations and case-based discussions.**
Important points of dissatisfaction	**1. Enhance assessment feedback and communication with students.** **2. Expand online educational resources and blended learning approaches.** **3. Continue encouraging interactive teaching and student participation.**

Module development plan for the next academic semester/year

(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Method of implementation	Responsible	Notes
1.	Manage large student numbers in teaching sessions (lectures, practical classes, and TBL)	Divide students into two groups and schedule sessions in parallel or rotated groups to reduce overcrowding and improve interaction	**Split students into two groups and conduct parallel or rotating sessions according to the timetable and room capacity**	Curriculum Committee, Vice Dean for Education and Student Affairs	Requires coordination of the timetable and room allocation
2.	Enhance portfolio implementation and submission process	Ensure clear scheduling of portfolio submission earlier in the module and provide continuous monitoring of student compliance	**Adjust the academic calendar and send reminders for early submission**	Portfolio Mentors, Committee, Curriculum Committee	To reduce overlap with the examination period
3.	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning resources	**Use Microsoft Teams to provide updated materials and e-learning resources**	Teaching Staff, Department Administration	Continuous development

Name and Signature Module Coordinator	Name and Signature Head of the department council



Module Report

Academic Year: 2025-2026 Semester: S4

1. Basic Information

Module Title (according to the bylaw):	**Principles of Diseases and Pharmacological basis of drug therapy**
Module Code (according to the bylaw):	MED 206
Department/s that participated in the teaching:	Pharmacology, Pathology, Microbiology &Parasitology
Total number of credit hours/points of the course:	12 credit points 168 hours
Module Type:	Compulsory
The level to which the course was introduced:	S4
Academic Program:	(Bachelor of Medicine and Surgery (MBBCH))
Faculty/Institute:	Faculty of medicine
University/Academy:	Zagazig univerisity
Name of Module Coordinator:	Prof. Dr. Howayda Said Fouad Moawad
Module Report Approval **(Attach the decision/minutes of the department /committee/council ....)**	
Date of approval of the course report: 15/9/2026	Click or tap to enter a date.

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
124	-	96	-

Microbiology

	Instructor name	Department	Academic degree	Speciality Microbiology
1	أ.د فوزية نوفل	Microbiology	أستاذ	
2	ا.د فايزة فتحى	Microbiology	أستاذ	
3	أ.د عوني جاويش	Microbiology	أستاذ	
4	أ.د عبدالله البيلي	Microbiology	أستاذ	
5	أ.د أحمد مراد	Microbiology	أستاذ	
6	أ.د جيهان الشناوي	Microbiology	أستاذ	
7	أ.د أمل عطا	Microbiology	أستاذ	
8	أ.د أيمن علام	Microbiology	أستاذ	
9	أ.د نهلة عبدالحميد	Microbiology	أستاذ	
10	ا.د تقوى معوض	Microbiology	أستاذ	
11	أ.د راندا صديق	Microbiology	أستاذ	
12	ا.د شيماء عبد العظيم	Microbiology	أستاذ	
13	ا.د مروة عبد العظيم	Microbiology	أستاذ	
14	ا.د غادة سمير	Microbiology	أستاذ	
15	ا.د ايناس عبد الظاهر	Microbiology	أستاذ	
16	ا.د نسرين بدوى	Microbiology	أستاذ	
17	ا.د ريهام الشبراوى	Microbiology	أستاذ	
18	ا.د رحاب السعيد	Microbiology	أستاذ	
19	ا.د ماريان اسعد	Microbiology	أستاذ	
20	ا.د رغداء عبد العزيز	Microbiology	أستاذ	
21	ا.د.م مى مالك	Microbiology	استاذ مساعد	
22	أ.د.م وفاء صلاح	Microbiology	استاذ مساعد	
23	أ.د.م رحاب ربيع	Microbiology	استاذ مساعد	
24	أ.د.م غادة عبد المنعم	Microbiology	استاذ مساعد	
25	أ.د.م شيماء حسن	Microbiology	استاذ مساعد	
26	أ.د.م ريهام حسن	Microbiology	استاذ مساعد	
27	أ.د.م الشيماء لطفي	Microbiology	استاذ مساعد	
28	أ.د.م منار جودة	Microbiology	استاذ مساعد	
29	أ.د.م شيرين عاطف	Microbiology	استاذ مساعد	
30	أ.د.م. هبة قدري	Microbiology	استاذ مساعد	
31	ا.د.م نورا اسماعيل	Microbiology	استاذ مساعد	
32	ا.د.م ياسمين احمد فهمي محمد	Microbiology	استاذ مساعد	Module coordinator
33	ا.د.م هند عبد الله	Microbiology	استاذ مساعد	
34	ا.د.م ايمان صلاح	Microbiology	استاذ مساعد	
35	د. زينب سعيد	Microbiology	مدرس	
36	د. هند مهدي	Microbiology	مدرس	
37	د.آية بديوي	Microbiology	مدرس	
38	د. آلاء أسامة	Microbiology	مدرس	
39	د. وسام عبد المنعم	Microbiology	مدرس	
40	د. مي الصادق	Microbiology	مدرس	
41	د. مروة حسن عطية	Microbiology	مدرس	
42	د.فاطمة كامل	Microbiology	مدرس	
43	د. نجوي ابراهيم	Microbiology	مدرس	
44	د. شيماء عصام	Microbiolog	مدرس	
45	د. أمل شوقي	Microbiology	مدرس	

46	د. نورهان هلال	Microbiology	مدرس	
47	د. نشوي سليم	Microbiology	مدرس	
48	د. بسمة احمد محمد الازهرى	Microbiology	مدرس	Module coordinator
49	د. أسماء الشوبكى	Microbiology	مدرس	
50	صفية سلامة	Microbiology	مدرس مساعد	
51	ايه العايدى	Microbiology	مدرس مساعد	
52	اميره جمال	Microbiology	مدرس مساعد	
53	الاء عماد	Microbiology	مدرس مساعد	
54	دينا هشام	Microbiology	معيد	
55	إسراء احمد محمود	Microbiology	معيد	
56	يمنى اباظة	Microbiology	معيد	
57	وسام امام	Microbiology	معيد	
58	أسماء إسماعيل	Microbiology	معيد	
59	نهي حلمي البنا	Microbiology	معيد	
60	منه الله بلال	Microbiology	معيد	
61	آيه محمد نشأت	Microbiology	معيد	
62	آلاء السيد محمد	Microbiology	معيد	
63	إسراء احمد السيد	Microbiology	معيد	
64	إسراء السيد علي	Microbiology	معيد	
65	دعاء نشأت محمد منير	Microbiology	معيد	
66	آيه عبد الرحمن إسماعيل	Microbiology	معيد	
67	إيمان عبد الناصر محمد	Microbiology	معيد	
68	آيه سعيد يوسف محمد	Microbiology	معيد	
69	أميرة السيد حسن محمد	Microbiology	معيد	
70	غاده عبد المنعم محمود	Microbiology	معيد	
71	شيماء عبد المنعم محمود	Microbiology	معيد	
72	نورهان سامي علي	Microbiology	معيد	
73	أميرة مصطفي احمد	Microbiology	معيد	
74	أسماء السيد احمد امين	Microbiology	معيد	
75	ندي محمد كمال احمد	Microbiology	معيد	

Parasitology

	Instructor name	Department	Academic degree	Speciality (Parasitology)
1.	داليا عبد الخالق أبو المعاطي السيد	Parasitology	أستاذ	
2.	غادة محمود فتحي مصطفى	Parasitology	أستاذ	
3.	نجلاء فتحي عبد العال عبد الرحمن	Parasitology	أستاذ	
4.	سميرة متولي محمد على	Parasitology	أستاذ	
5.	سماح حسن سليمان يحيى	Parasitology	أستاذ	
6.	تهاني إسماعيل فرج علي	Parasitology	أستاذ	
7.	هويدا سعيد فؤاد معوض	Parasitology	أستاذ	Module coordinator
8.	إيناس فخري عبد الحميد السيد	Parasitology	أستاذ	
9.	إيمان مصطفى عبد الرحمن مصطفي	Parasitology	أستاذ مساعد	
10.	إيمان مجدي فوزي حسين	Parasitology	أستاذ مساعد	
11.	مروة عمر عبد العزيزالسيد	Parasitology	أستاذ مساعد	
12.	اميرة عبد اللطيف صالح علي	Parasitology	أستاذ مساعد	
13.	إيناس سعيد عبد الفتاح البهائي	Parasitology	أستاذ مساعد	
14.	أسماء محمد يوسف محمد	Parasitology	أستاذ مساعد	
15.	سمر كامل عبد اللطيف حماد	Parasitology	مدرس	
16.	رغدة عبد الرحمن مصطفى محمد	Parasitology	مدرس	
17.	شيماء السيد محمد متولي عشوش	Parasitology	مدرس	
18.	بسمة حسني عبد الحميد	Parasitology	مدرس	

19.	شيماء محمد فرج عبد الحميد	Parasitology	مدرس	
20.	نجوى إبراهيم حسن إبراهيم على الزنان	Parasitology	مدرس	
21.	أسماء محمد محمود مصطفى درويش	Parasitology	مدرس	
22.	ريم صفاء الدين عبد الهادي	Parasitology	مدرس	
23.	سمر عبد النبي محمد محمود	Parasitology	مدرس	Module coordinator
24.	أماني عبد الرحمن محمد مغاوري	Parasitology	مدرس	
25.	إسراء صالح ابراهيم موسي	Parasitology	مدرس	
26.	هبه هشام محمد فؤاد	Parasitology	مدرس مساعد	
27.	شيرين محمد عبدالغنى	Parasitology	مدرس مساعد	
28.	عليه ابراهيم محمد إبراهيم	Parasitology	معيد	
29.	حسين شحاته محمد شمس الدين	Parasitology	معيد	
30.	أسماء الطيب ,زين الدين عطيه	Parasitology	معيد	
31.	سارة ماجد يوسف ابراهيم	Parasitology	معيد	
32.	ايات محمد عبد الرحمن عبد الحميد	Parasitology	معيد	
33.	اميرة السيد حسانين حسين	Parasitology	معيد	
34.	افنان اشرف احمد منصور	Parasitology	معيد	
35.	اسراء حمدي فرج الشامي	Parasitology	معيد	
36.	هند نهاد فتحي صالح	Parasitology	معيد	
37.	اميرة احمد محمد جمعه	Parasitology	معيد	
38.	ندي لطفي محمد نعيم	Parasitology	معيد	
39.	ستيفاني ايمن الياس غالي	Parasitology	معيد	
40.	دينا علاء محمد نبيل	Parasitology	معيد	
41.	إسراء عادل السعيد عبدالفتاح	Parasitology	معيد	
42.	اسماء محمد	Parasitology	معيد	

Pharmacology

Instructor name	Department	Academic degree	Speciality (pharmacology)
ا.د. احمد احمد عبد السميع احمد	pharmacology	أستاذ	
ا..د. سعاد لطفي عبد المجيد قابيل	pharmacology	أستاذ	
ا..د. نهى عباس طلب عباس	pharmacology	أستاذ	
ا.م.د. نفرتيتي محمد محمود محمد	pharmacology	أستاذ مساعد	
ا.م.د. امل السيد سالم عبدالرحيم	pharmacology	أستاذ مساعد	
ا. م. د. رشا محمد صبري محمد محمد	pharmacology	أستاذ مساعد	
ا.م.د. دعاء محمد عبدالله	pharmacology	أستاذ مساعد	
ا.م.د. شيرين سامي محمود عثمان السيد	pharmacology	أستاذ مساعد	
ا.م.د. أميره محمد عبد الحميد عوض	pharmacology	أستاذ مساعد	
ا.م.د. هبه صبرى احمد احمد	pharmacology	أستاذ مساعد	
د. ياسمين محمود السيد السيد	pharmacology	استاذ مساعد	
د. ريهام ابراهيم عبد الجليل الجارحي	pharmacology	مدرس	
د. دعاء سامي فضالي محمود عيد	pharmacology	مدرس	Module coordinator
د. إيمان أحمد إبراهيم محمد	pharmacology	مدرس	
د. زينب محمود محمد احمد سعيد	pharmacology	مدرس	
د. اميره عبد العظيم عبد الحميد قاعود	pharmacology	مدرس	
د. إسراء يحيى صديق السيد	pharmacology	مدرس	

د. ترتيل يوسف حسن محمد	pharmacology	مدرس	
اميرة صبحي محمود	pharmacology	مدرس مساعد	
ندي محمد حسن عبد الوهاب	pharmacology	مدرس مساعد	
رباب صابر محروس رجب	pharmacology	مدرس مساعد	
ولاء دسوقي ابراهيم الدسوقي	pharmacology	مدرس مساعد	
اسراء محمد نجيب خليل محمد	pharmacology	مدرس مساعد	
شيماء اشرف محمد عبد العزيز الصفطي	pharmacology	مدرس مساعد	
	معيد	pharmacology	إسراء محمد محمود عبد الحميد
	معيد	pharmacology	الاء نصر عبد الوهاب محمد
	معيد	pharmacology	هايدي محمد علي محمد
	معيد	pharmacology	مريم عزمي شلبي
	معيد	pharmacology	الاء محمود محمد السيد الايبياري
	معيد	pharmacology	نهي احمد خليل بسيوني
	معيد	pharmacology	ندي محمد مهدي مهدي حسن
	معيد	pharmacology	ريم سعيد عبد المنعم ابراهيم
	معيد	pharmacology	منة الله علي محمد عادل
	معيد	pharmacology	اسراء حاتم احمد فؤاد
	معيد	pharmacology	ندي عطية سعدون محمد
	معيد	pharmacology	ايه طارق عبد العظيم عبدالمعطي
	معيد	pharmacology	ايمان محمد علي سليم علي
	معيد	pharmacology	كريمة رجب محمد علي
	معيد	pharmacology	مريم سعيد احمد سيد احمد
	معيد	pharmacology	هبة ثابت يوسف عبده
	معيد	pharmacology	آية عبدالرحمن السيد احمد
	معيد	pharmacology	منار محمد محمود عبدالسميع

Pathology

Instructor name	Department	Academic degree	Speciality (Pathology)
نجلاء علي مصطفى رمضان	Pathology	أستاذ	
عنان فتحي محمد عبد العال	Pathology	أستاذ	
إيمان حسن عبد الباري محمد	Pathology	أستاذ	
عبير مجدي حسن حافظ	Pathology	أستاذ	
دعاء عبد العزيز إبراهيم رمضان	Pathology	أستاذ	
عزيزة السيد عبد الرحمن عبده	Pathology	أستاذ	
عبير محمد عبد الباري أحمد	Pathology	أستاذ	
هناء عبد الغنى احمد عطوة	Pathology	أستاذ	
مى محمد محمد إبراهيم عبد الوهاب	Pathology	أستاذ	
علا عبد الرءوف احمد فرج	Pathology	أستاذ	

هناء محمد إبراهيم طنطاوي	Pathology	أستاذ	
وفاء محمد رفعت توفيق	Pathology	أستاذ متفرغ	
منال منير محمد النمر	Pathology	أستاذ متفرغ	
علا عبد الرحمن يوسف مجاهد	Pathology	أستاذ متفرغ	
محمد أحمد فؤاد حسين	Pathology	أستاذ متفرغ	
سماح صلاح محمد سيد	Pathology	أستاذ متفرغ	
مني سعيد مصطفي محمد	**Pathology**	**أستاذ مساعد**	**(Module coordinator)**
منى مصطفي احمد محمد	Pathology	أستاذ مساعد	
نها فاروق احمد عبد الله	Pathology	أستاذ مساعد	
نيللي محمد سعيد عبد الرحمن	Pathology	أستاذ مساعد	
أسماء حسين محمد عبد المقصود	Pathology	أستاذ مساعد	
مى احمد عبد الوهاب جبران	Pathology	أستاذ مساعد	
ايناس محمد محمد فؤاد	Pathology	أستاذ مساعد	
دعاء إبراهيم عبد الرحمن محمد	Pathology	أستاذ مساعد	
يوسف عبد النبي بيومي النصيري	Pathology	أستاذ مساعد	
أسماء عبد اللطيف محمد حسين	Pathology	أستاذ مساعد	
ريهام سامح محمد عبد العزيز	Pathology	مدرس	
هبة محمود عبد الجليل عبد المقصود	Pathology	مدرس	
د. هبة الله أبو الخير أحمد أبو الخير	Pathology	مدرس	
د. بسمة حامد إبراهيم محمد	Pathology	مدرس	
مها احمد محمود صالح شهاب	Pathology	مدرس	
منار مصطفي السيد عبد الرحمن	Pathology	مدرس	
ريهام مصطفي احمد الشهيدي	Pathology	مدرس مساعد	
سلمى احمد محمود زكي	Pathology	مدرس مساعد	
هند علاء الدين عبد الباسط هدهود	Pathology	مدرس مساعد	
ابتهال السيد مجمد سليمان	Pathology	مدرس مساعد	
رنا احمد غريب يوسف	Pathology	مدرس مساعد	
منة الله هشام محمد فكري	Pathology	مدرس مساعد	
صفاء عبد الله احمد السيد	Pathology	مدرس مساعد	
منة الله ايمن محمد عبد الله	Pathology	مدرس مساعد	
نورا طارق وصفي عبد الغني	Pathology	مدرس مساعد	
ياسمين محمد موسي علي	Pathology	مدرس مساعد	
ايه محمد الشبراوي سليم	Pathology	مدرس مساعد	
هند اسعد عبد الحي الغريب	Pathology	معيد	
نورهان محمد محمد سليمان	Pathology	معيد	
امل محمد محمد فهيم	Pathology	معيد	
رغدة مهدى مخمد مهدي	Pathology	معيد	
ايه جمال محمد محمد سرحان	Pathology	معيد	
تسنيم عبد الله أبو مشهور أبو مشهور	Pathology	معيد	
ايه رضا سامي عبد الصمد	Pathology	معيد	
الاء ناجى عبده موسى	Pathology	معيد	
سجدة محمد مرجان متولي	Pathology	معيد	
عائشة السيد محمد عبد السميع	Pathology	معيد	
نسمة علي السيد يسن طه	Pathology	معيد	
الاء محمد رشاد مجمد حسين	Pathology	معيد	
ندى حسام صلاح الدين محمد السيد	Pathology	معيد	
آية محمد محمد حافظ عوف	Pathology	معيد	
آلاء ابرهيم محمد محمد محمد	Pathology	معيد	
شيماء أحمد رشاد أحمد عطية	Pathology	معيد	
آية محمد مصطفى البوني	Pathology	معيد	

Notes:

Teaching and Learning					
Number of weeks of actual study	**Total number of theoretical teaching hours (Lectures/.....)**	**Total number of training hours (practical/clinical/...)**	**Total number of field training hours (if any)**	**Total number of self-learning hours (if any)**	**Other (to be mentioned)**
6 weeks	**Lectures** **82 hours**	**Laboratory** **52 hour** **Tutorial SGS 34 hour**	**–**	**127 hour**	**20 hour** **Revision**
Notes (if any) :					

Method of Assessment *	**Date**	**Marks**	**Type and number of questions**	**Measured Module Learning Outcomes** (Mention the text)
Quiz	**19 / 4 / 2026**	**36**	**36 SBA**	***Explain bacterial structure, growth,genetics and metabolism..** ***Explain the pathogenesis of fungal infections.** ***Describe viral structure and steps of viral replication.** ***Explain immunity, immune response.** ***Explain causes and types of cell injury** ***Classify inflammation, its complications, and repair mechanism** ***Explain different circulatory disorders** *** Apply diagnostic criteria for common pathological conditions (e.g., tuberculosis, amyloidosis, calcification) in laboratory and clinical settings** ***Describe neoplasia, causes and effects** ***Explain the principles of pharmacokinetics and pharmacodynamics** ***Outline the principles of antimicrobial chemotherapy, including classification, mechanisms of action, and resistance patterns of antibacterial, antiviral, and antifungal agents.** ***Identify major classes of drugs acting on the autonomic nervous system, their mechanisms of action, pharmacological effects, and clinical uses.** ***Discuss the role and pharmacological actions of autacoids, their receptors, and therapeutic applications of related drugs.** ***Recognize common adverse drug reactions and interactions** ***Define different parasitological terms, classifications, and modes & routes of transmission of parasitic infections .** ***Describe the general characters and classification of cestodes .** ***Determine the transmission details of cestodes, including geographical distribution, hosts, habitats, modes & routes of transmission, infective stages, diagnostic stages, and life cycle .** ***Explain the pathogenesis, clinical picture, diagnostic methods of diseases caused by these helminths .** ***Outline therapeutic, preventive, and control measures to .prevent diseases caused by these helminths**
Final Written		**72**	**Essay** **SBA**	

OSPE/OSCE		**54**	**54 SBA**	***Demonstrate microscopic stained preparations of the most medically important microorganisms. *Demonstrate biochemical and serological tests and antibiograms used to identify bacteria and diagnose the disease *Interpret histopathological slides and images to identify key features of inflammation, cell injury, tissue repair, and neoplasia.. *Explain bacterial structure, growth,genetics and metabolism.. *Explain the pathogenesis of fungal infections. *Describe viral structure and steps of viral replication. *Explain immunity, immune response. *Explain causes and types of cell injury *Classify inflammation, its complications, and repair mechanism *Explain different circulatory disorders * Apply diagnostic criteria for common pathological conditions (e.g., tuberculosis, amyloidosis, calcification) in laboratory and clinical settings *Describe neoplasia, causes and effects *Explain the principles of pharmacokinetics and pharmacodynamics *Outline the principles of antimicrobial chemotherapy, including classification, mechanisms of action, and resistance of antibacterial, antiviral, and antifungal agents. *Identify major classes of drugs acting on the autonomic nervous system, their mechanisms of action, pharmacological effects, and clinical uses. *Discuss the role and pharmacological actions of autacoids, their receptors, and therapeutic applications of related drugs. *Recognize common adverse drug reactions and interactions *Describe the general characters and classification of cestodes. *Explain the pathogenesis, clinical picture, diagnostic helminths. methods of diseases caused by**
Formative assessment		**Zero**	**1st Formative assessment 2nd formative assessment 3rd formative assessment**	**- *Explain bacterial structure, growth,genetics and metabolism.. *Explain the pathogenesis of fungal infections. *Describe viral structure and steps of viral replication. *Explain immunity, immune response. *Explain causes and types of cell injury *Classify inflammation, its complications, and repair mechanism *Explain different circulatory disorders * Apply diagnostic criteria for common pathological conditions (e.g., tuberculosis, amyloidosis, calcification) in laboratory and clinical settings *Describe neoplasia, causes and effects *Explain the principles of pharmacokinetics and pharmacodynamics *Outline the principles of antimicrobial chemotherapy, including classification, mechanisms of action, and resistance patterns of antibacterial, antiviral, and antifungal agents. *Identify major classes of drugs acting on the autonomic nervous system, their mechanisms of action, pharmacological effects, and clinical uses. *Discuss the role and pharmacological actions of autacoids, their receptors, and therapeutic applications of related drugs. *Recognize common adverse drug reactions and interactions *Define different parasitological terms, classifications, and modes & routes of transmission of parasitic infections . *Describe the general characters and classification of cestodes .**
Assignment		**4**	**20 SBA**	
Portfolio		**4**	**-**	
TBL	**24 / 3 / 2026**	**10**	**5 SBA iRAT 5 SBA tRAT**	

				*Determine the transmission details of cestodes, including geographical distribution, hosts, habitats, modes & routes of transmission, infective stages, diagnostic stages, and life cycle . *Explain the pathogenesis, clinical picture, diagnostic methods of diseases caused by these helminths . *Outline therapeutic, preventive, and control measures to prevent diseases caused by these helminths. * Engage effectively in collaborative learning activities to continuously improve personal practice and contribute to collective improvements in practice.

* The methods mentioned are examples the institution may add and delete depending on the nature of the course

Comment on the procedures and rules of student assessment that have been implemented (e.g. examination committees, exam paper review, blueprints, ….), and the rules for passing the course:

Student Assessment Results	
Number of students (who started the module):	1894
Number of students (who completed the module/ sat for the exam):	1725
Number of students who did not attend the final written exam (absent - deprived - withdrawn):	169
Total number of students who passed the exams successfully:	1212
Percentage of success (out of the total number of students who sat for the final exam)	70%

Grade Distribution						
Grade	A	B	C	D	F	F-
Number of students	380	247	357	228	513	-
Percentage	22.02 %	14.3 %	20.7 %	13.2 %	29.74 %	-
Total number of students who failed the exams:			513			
Percentage of failure (for the total number of students who took the final exam)			29.74 %			
Commenting on student results, analyzing student performance (including factors that affected the results if any), and comparing them with the results of the previous year:						

3. Student Feedback

* Feedback from students must include their evaluation of the following: scientific content – teaching and learning methods – facilities and learning resources – examinations - ……

(attach the questionnaire analysis report or any other means used, and the points evaluated).

Item	Comment
Means of Evaluation:	1-Student Satisfaction Questionnaire 2-Students' Reflection Sheets are included in the Portfolio 3- google form
Timing of Evaluation:	1-Students' Reflection Sheets are included in the Portfolio. At the

Item	Comment
	end of the module **2-Student Satisfaction Questionnaire** **At the end of the semester** **3- Google form at the end of the semester**
Number of students who participated in the course evaluation	635
Percentage of participants to the total number	73.0%
Important points of satisfaction	● Students highly appreciated microscope-based practical sessions. ● Teaching hours were considered balanced and appropriately organized. ● Students positively evaluated interactive and practical teaching methods. ● Online educational support and case-based discussions enhanced learning outcomes. ● The learning environment and communication with staff were positively perceived.
Important points of dissatisfaction	● Keep effective microscope use in labs ● Continue balanced teaching schedules ● Increase practical interactive learning ● Maintain supportive learning atmosphere ● Provide more clinical case discussions

4. Staff Members Reflections

*** Instructors' views on the educational process, scientific content, adequacy of resources, etc. (if any)**

***The educational process was efficiently organized, and both lectures and practical sessions were implemented according to the course plan.**

***Staff members highlighted the importance of increasing hands-on practical assessment opportunities and continuing to expand the use of educational technologies and online learning resources. Continuous review of session scheduling and assessment methods was also recommended to further enhance the learning experience.**

***Staff members recommended scheduling the portfolio submission date earlier in the module to avoid overlap with the examination period and to provide sufficient time for review and feedback.**

***Sometimes the large number of students in a single session affected teaching quality, especially in practical classes and TBL sessions.**

***Routine chick up of classrooms, laboratories adequacy.**

***Technology Resources as data show, Smart Board, software, etc. should be examined frequently. because sometimes there were technical problems with computers and data show, so staff used their own laptops for teaching.**

5.

6. Module Enhancement

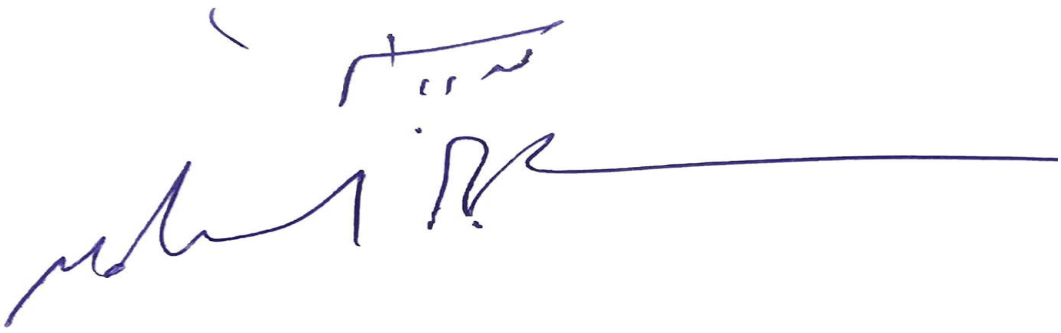
Comment on uncompleted corrective/improvement actions from last year's plan (if any, mentioning the reasons)

Module development plan for the next academic semester/year

(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Method of implementation	Responsible	Notes
1.	Strengthen practical teaching activities and hands-on training	Increase use of microscopes, histological slides, and structured practical sessions	Add structured practical sessions within the timetable	Head of Department, Teaching Staff	Requires the availability of resources and coordination
2.	Improve interactive sessions	Increase interactive sessions like flipped classrooms to improve interactive abilities	Redesign the practical exam format in coordination with the department and teaching staff	Head of Department, Teaching Staff	Long-term improvement goal
3.	Enhance assessment methods and provide structured feedback	Provide continuous feedback and practical formative assessment	Oral and written feedback sessions practical formative assessment	Teaching Staff	Continuous implementation
4.	Expand interactive teaching and case-based learning	Increase use of clinical case discussions, and active learning strategies	Integrate interactive activities into the weekly teaching plan	Teaching Staff	Already partially implemented, to be strengthened
5.	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning resources	Use Microsoft Teams to provide updated materials and e-learning resources	Teaching Staff, Department Administration	Continuous development

Name and Signature **Module Coordinator**	**Name and Signature** **Head of the department council**



Module Report
Academic Year: 2025-2026 Semester: S4

1. Basic Information

Module Title (according to the bylaw):	**Systemic pathology and therapeutics 1**
Module Code (according to the bylaw):	**MED-207**
Department/s that participated in the teaching:	Pharmacology, Pathology, Microbiology &Parasitology
Total number of credit hours/points of the course:	10.5 credit points 142 hours
Module Type:	Compulsory
The level to which the course was introduced:	S4
Academic Program:	Bachelor of Medicine and Surgery ((MBBCH))
Faculty/Institute:	Faculty of medicine
University/Academy:	Zagazig univerisity
Name of Module Coordinator:	Prof. **Dr. Hesham Radwan**
Module Report Approval **(Attach the decision/minutes of the department /committee/council ....)**	
Date of approval of the course report: 15/9/2026	Click or tap to enter a date.

2. Data and Statistics

Module Instructors			
Number of Faculty Staff		**Number of Teaching Assistants**	
Full-time (at least 4 working days)	**Part-time (1 or 2 days)**	**Full-time (at least 4 working days)**	**Part-time (1 or 2 days)**
52	**-**	**52**	**-**

Pharmacology

Instructor name	Department	Academic degree	Speciality (pharmacology)
3. ا.د. احمد احمد عبد السميع احمد	pharmacology	أستاذ	
4. ا..د. سعاد لطفي عبد المجيد قابيل	pharmacology	أستاذ	
5. ا..د. نهى عباس طلب عباس	pharmacology	أستاذ	
6. ا.م.د. نفرتيتي محمد محمود محمد	pharmacology	أستاذ مساعد	
7. ا.م.د. امل السيد سالم عبدالرحيم	pharmacology	أستاذ مساعد	
8. ا. م. د. رشا محمد صبري محمد محمد	pharmacology	أستاذ مساعد	
9. ا.م.د. دعاء محمد عبدالله	pharmacology	أستاذ مساعد	
10. ا.م.د. شيرين سامي محمود عثمان السيد	pharmacology	أستاذ مساعد	
11. ا.م.د. أميره محمد عبد الحميد عوض	pharmacology	أستاذ مساعد	
12. ا.م.د. هبه صبرى احمد احمد	pharmacology	أستاذ مساعد	
13. د. ياسمين محمود السيد السيد	pharmacology	استاذ مساعد	
14. د. ريهام ابراهيم عبد الجليل الجارحي	pharmacology	مدرس	
15. د. دعاء سامي فضالي محمود عيد	pharmacology	مدرس	
16. د. إيمان أحمد إبراهيم محمد	pharmacology	مدرس	
17. د. زينب محمود محمد احمد سعيد	pharmacology	مدرس	
18. د. اميره عبد العظيم عبد الحميد قاعود	pharmacology	مدرس	
19. د. إسراء يحيى صديق السيد	pharmacology	مدرس	
20. د. ترتيل يوسف حسن محمد	pharmacology	مدرس	Module coordinator
21. اميرة صبحي محمود	pharmacology	مدرس مساعد	
22. ندي محمد حسن عبد الوهاب	pharmacology	مدرس مساعد	
23. رباب صابر محروس رجب	pharmacology	مدرس مساعد	
24. ولاء دسوقي ابراهيم الدسوقي	pharmacology	مدرس مساعد	
25. اسراء محمد نجيب خليل محمد	pharmacology	مدرس مساعد	
26. شيماء اشرف محمد عبد العزيز الصفطي	pharmacology	مدرس مساعد	
27. إسراء محمد محمود عبد الحميد	pharmacology	معيد	
28. الاء نصر عبد الوهاب محمد	pharmacology	معيد	
29. هايدي محمد علي محمد	pharmacology	معيد	
30. مريم عزمي شلبي	pharmacology	معيد	
31. الاء محمود محمد السيد الايبياري	pharmacology	معيد	
32. نهي احمد خليل بسيوني	pharmacology	معيد	
33. ندي محمد مهدي مهدي حسن	pharmacology	معيد	
34. ريم سعيد عبد المنعم ابراهيم	pharmacology	معيد	
35. منة الله علي محمد عادل	pharmacology	معيد	
36. اسراء حاتم احمد فؤاد	pharmacology	معيد	
37. ندي عطية سعدون محمد	pharmacology	معيد	
38. ايه طارق عبد العظيم عبدالمعطي	pharmacology	معيد	
39. ايمان محمد علي سليم علي	pharmacology	معيد	

40. كريمة رجب محمد علي	pharmacology	معيد	
41. مريم سعيد احمد سيد احمد	pharmacology	معيد	
42. هبة ثابت يوسف عبده	pharmacology	معيد	
43. آية عبدالرحمن السيد احمد	pharmacology	معيد	
44. منار محمد محمود عبدالسميع	pharmacology	معيد	

Pathology

Instructor name	Department	Academic degree	Speciality (Pathology)
45. نجلاء علي مصطفى رمضان	Pathology	أستاذ	
46. عنان فتحي محمد عبد العال	Pathology	أستاذ	
47. إيمان حسن عبد الباري محمد	Pathology	أستاذ	
48. عبير مجدي حسن حافظ	Pathology	أستاذ	
49. دعاء عبد العزيز إبراهيم رمضان	Pathology	أستاذ	
50. عزيزة السيد عبد الرحمن عبده	Pathology	أستاذ	
51. عبير محمد عبد الباري أحمد	Pathology	أستاذ	
52. هناء عبد الغنى احمد عطوة	Pathology	أستاذ	
53. مى محمد محمد إبراهيم عبد الوهاب	Pathology	أستاذ	
54. علا عبد الرءوف احمد فرج	Pathology	أستاذ	
55. هناء محمد إبراهيم طنطاوي	Pathology	أستاذ	
56. وفاء محمد رفعت توفيق	Pathology	أستاذ متفرغ	
57. منال منير محمد النمر	Pathology	أستاذ متفرغ	
58. علا عبد الرحمن يوسف مجاهد	Pathology	أستاذ متفرغ	
59. محمد أحمد فؤاد حسين	Pathology	أستاذ متفرغ	
60. سماح صلاح محمد سيد	Pathology	أستاذ متفرغ	
61. منى سعيد مصطفي محمد	Pathology	أستاذ مساعد	
62. منى مصطفي احمد محمد	Pathology	أستاذ مساعد	
63. نها فاروق احمد عبد الله	Pathology	أستاذ مساعد	
64. نيللي محمد سعيد عبد الرحمن	Pathology	أستاذ مساعد	Module coordinator
65. أسماء حسين محمد عبد المقصود	Pathology	أستاذ مساعد	
66. مى احمد عبد الوهاب جبران	Pathology	أستاذ مساعد	
67. ايناس محمد محمد فؤاد	Pathology	أستاذ مساعد	
68. دعاء إبراهيم عبد الرحمن محمد	Pathology	أستاذ مساعد	
69. يوسف عبد النبي بيومي النصيري	Pathology	أستاذ مساعد	
70. أسماء عبد اللطيف محمد حسين	Pathology	أستاذ مساعد	
71. ريهام سامح محمد عبد العزيز	Pathology	مدرس	Module coordinator
72. هبة محمود عبد الجليل عبد المقصود	Pathology	مدرس	
73. د. هبة الله أبو الخير أحمد أبو الخير	Pathology	مدرس	
74. د. بسمة حامد إبراهيم محمد	Pathology	مدرس	
75. مها احمد محمود صالح شهاب	Pathology	مدرس	
76. منار مصطفي السيد عبد الرحمن	Pathology	مدرس	
77. ريهام مصطفي احمد الشهيدي	Pathology	مدرس مساعد	
78. سلمى احمد محمود زكي	Pathology	مدرس مساعد	
79. هند علاء الدين عبد الباسط هدهود	Pathology	مدرس مساعد	
80. ابتهال السيد مجمد سليمان	Pathology	مدرس مساعد	

رنا احمد غريب يوسف .81	Pathology	مدرس مساعد	
منة الله هشام محمد فكري .82	Pathology	مدرس مساعد	
صفاء عبد الله احمد السيد .83	Pathology	مدرس مساعد	
منة الله ايمن محمد عبد الله .84	Pathology	مدرس مساعد	
نورا طارق وصفي عبد الغني .85	Pathology	مدرس مساعد	
ياسمين محمد موسي علي .86	Pathology	مدرس مساعد	
ايه محمد الشبراوي سليم .87	Pathology	مدرس مساعد	
هند اسعد عبد الحي الغريب .88	Pathology	معيد	
نورهان محمد محمد سليمان .89	Pathology	معيد	
امل محمد محمد فهيم .90	Pathology	معيد	
رغدة مهدى مخمد مهدي .91	Pathology	معيد	
ايه جمال محمد محمد سرحان .92	Pathology	معيد	
تسنيم عبد الله أبو مشهور أبو مشهور .93	Pathology	معيد	
ايه رضا سامي عبد الصمد .94	Pathology	معيد	
الاء ناجى عبده موسى .95	Pathology	معيد	
سجدة محمد مرجان متولي .96	Pathology	معيد	
عائشة السيد محمد عبد السميع .97	Pathology	معيد	
نسمة علي السيد يسن طه .98	Pathology	معيد	
الاء محمد رشاد مجمد حسين .99	Pathology	معيد	
ندى حسام صلاح الدين محمد السيد .100	Pathology	معيد	
آية محمد محمد حافظ عوف .101	Pathology	معيد	
آلاء ابرهيم محمد محمد محمد .102	Pathology	معيد	
شيماء أحمد رشاد أحمد عطية .103	Pathology	معيد	
آية محمد مصطفى البوني .104	Pathology	معيد	

Notes:

Teaching and Learning					
Number of weeks of actual study	**Total number of theoretical teaching hours (Lectures/.....)**	**Total number of training hours (practical/clinical/...)**	**Total number of field training hours (if any)**	**Total number of self-learning hours (if any)**	**Other (to be mentioned)**
6 weeks	**Lectures 82 hours**	**Laboratory 52 hour Tutorial SGS 34 hour**	**–**	**127 hour**	**20 hour Revision**
Notes (if any) :					

Method of Assessment *	Date	Marks	Type and number of questions	Measured Module Learning Outcomes (Mention the text)

Quiz		**31**	**31 SBA**	Discuss the pathological mechanisms and structural changes in inflammatory lung diseases and their clinical implication Describe pathogenesis and pathological features ofchronic obstructive pulmonary diseases. Summarize the pathological features of various types of restrictive lung diseases and their clinical significance. Describe pathogenesis and morphology of neoplastic lung and pleural lesions Describe the pathological features affecting oral cavity and oropharynx disorders. Describe the pathological features of Inflammatory and neoplastic lesions of esophagus and stomach and their clinical significant. Describe the pathological features of Inflammatory and neoplastic lesions of small and large intestines and their clinical relevance . Recognize the pathological features of liver disorders and their clinical implications Discuss the pathological characteristics of pancreas and gall bladder disorders Analyze the pathogenesis, pathological features and clinical manifestation of glomerulonephritis. Explain the pathological features and complications associated with hydronephrosis, Pyonephrosis and renal stones.
Final Written		**64**	**Essay SBA**	
OSPE/OSCE		**47**	**47 SBA**	
Formative assessment		**Zero**	**1st Formative assessment** **2nd formative assessment** **3rd formative assessment**	
Assignment		**4**	**20 SBA**	
Portfolio		**4**	**-**	
TBL		**8**		
			5 SBA iRAT **3SBA tRAT**	Outlines the types, pathogenesis the morphological features of cystitis.
				Describe the pharmacology (pharmacokinetics and pharmacodynamics) of drugs used in treatment of HF . Identify pharmacokinetic and pharmacodynamics properties and clinical application of the drugs Identify pharmacokinetic, pharmacodynamic properties, pharmacological actions and therapeutic uses of these drug.
				-Describe pharmacokinetics and pharmacodynamics of lipid lowering drugs.
				Describe pharmacokinetics and pharmacodynamics of drugs used in treatment of arrhythmia -Describe drugs used in treatment of shock Describe the pharmacological principles of drug used in treatment of different types of anaemia. Apply interpersonal skill to describe pharmacokinetic &pharmacodynamic properties

				of anticoagulant drugs Describe the pharmacological principles of antiplatelet drug Describe pharmacological principles of fibrinolytic agent &outline the different drugs used to control bleeding Outline the different drugs used in treatment of HIV infection Describe the pharmacological principles of antimalarial drugs Identify the pharmacological principles of anti-asthmatic Identify the pharmacological principles of drugs used in treatment of respiratory tract infections Demonstrate the pharmacological principles for antitussive drugs Identify the therapeutic strategies for medical management of GERD and peptic ulcer Describe pharmacokinetics, pharmacodynamics and adverse of common prokinetic and antiemetic drugs Describe pharmacokinetics, pharmacodynamics and adverse effects of common Laxatives and antidiarrheal agents. Compare between pharmacological principles of common drugs used for the treatment of IBD Identify the therapeutic strategies for medical management of hepatitis and varicoceal Hemorrhage. Describe pharmacokinetics and pharmacodynamics of Antihelmentic & Antiamebiasis drugs Differentiate pharmacological principles of different groups of diuretics.

*** The methods mentioned are examples the institution may add and delete depending on the nature of the course**

Comment on the procedures and rules of student assessment that have been implemented (e.g. examination committees, exam paper review, blueprints, ….), and the rules for passing the course:

Student Assessment Results	
Number of students (who started the module):	**1897**
Number of students (who completed the module/ sat for the exam):	**1738**
Number of students who did not attend the final written exam (absent - deprived - withdrawn):	**159**
Total number of students who passed the exams successfully:	**1306**

Percentage of success (out of the total number of students who sat for the final exam)			**75%**			
Grade Distribution						
Grade	**A**	**B**	**C**	**D**	**F**	**F-**
Number of students	**436**	329	**353**	**188**	**432**	**-**
Percentage	**25.1 %**	**18.9 %**	**20.3 %**	**10.8 %**	**24.9 %**	**-**
Total number of students who failed the exams:			**432**			
Percentage of failure (for the total number of students who took the final exam)			**24.9 %**			
Commenting on student results, analyzing student performance (including factors that affected the results if any), and comparing them with the results of the previous year:						

105. Student Feedback

*** Feedback from students must include their evaluation of the following: scientific content – teaching and learning methods – facilities and learning resources – examinations - ……**
(attach the questionnaire analysis report or any other means used, and the points evaluated).

Item	Comment
Means of Evaluation:	**1-Student Satisfaction Questionnaire** **2-Students' Reflection Sheets are included in the Portfolio** **3-Google form**
Timing of Evaluation:	**1- Students' Reflection Sheets are included in the Portfolio. At the end of the module** **2- Student Satisfaction Questionnaire** **At the end of the semester** **3- Google form** **At the end of the semester**
Number of students who participated in the course evaluation	**721**
Percentage of participants to the total number	**%76.0**
Important points of satisfaction	● Students highly appreciated the use of microscopes during practical sessions. ● Teaching hours were considered well-modulated and appropriately scheduled. ● Online sessions were positively evaluated as an effective teaching method. ● Students valued interactive practical teaching and theory-practice integration. ● The learning environment and communication with teaching staff were positively perceived.

Item	Comment
Important points of dissatisfaction	● increase using microscopes in practical laboratory sessions. ● Expand online sessions and blended learning strategies. ● Increase practical demonstrations and interactive learning methods.

106. Staff Members Reflections

*** Instructors' views on the educational process, scientific content, adequacy of resources, etc. (if any)**

***The educational process was efficiently organized, and both lectures and practical sessions were implemented according to the course plan.**

***Staff members highlighted the importance of increasing hands-on practical assessment opportunities and continuing to expand the use of educational technologies and online learning resources. Continuous review of session scheduling and assessment methods was also recommended to further enhance the learning experience.**

***Staff members recommended scheduling the portfolio submission date earlier in the module to avoid overlap with the examination period and to provide sufficient time for review and feedback.**
***Sometimes the large number of students in a single session affected teaching quality, especially in practical classes and TBL sessions.**
***Routine chick up of classrooms, laboratories adequacy.**
***Technology Resources as data show, Smart Board, software, etc. should be examined frequently. because sometimes there were technical problems with computers and data show, so staff used their own laptops for teaching.**

107. Module Enhancement

Comment on uncompleted corrective/improvement actions from last year's plan (if any, mentioning the reasons)

Module development plan for the next academic semester/year
(considering the student assessment results as well as the student feedback and instructors' reflection)

No.	Points that need development or improvement	Corrective/ Improvement Actions	Method of implementation	Responsible	Notes
1.	Strengthen practical teaching activities and hands-on training	Increase using microscopes and more slides in practical laboratory sessions.	Add structured practical sessions within the timetable	Head of Department, Teaching Staff	Requires the availability of resources and coordination
2.	Enhance assessment feedback and communication with students	Provide structured feedback sessions and timely communication of assessment results	Oral and written feedback sessions after exams and assignments	Teaching Staff	Continuous implementation
3.	Expand interactive teaching and case-based learning	Increase practical demonstrations and interactive practical session.	Integrate interactive activities into the weekly teaching plan	Teaching Staff	Already partially implemented, to be strengthened
4.	Improve learning resources and online content	Expand uploading of digital materials, recorded lectures, and blended learning resources	Use Microsoft Teams to provide updated materials and e-learning resources	Teaching Staff, Department Administration	Continuous development

Name and Signature Module Coordinator	Name and Signature Head of the department council

