


**Form:
Course Syllabus**

Form Number	EXC-01-02-02A
Issue Number and Date	2/3/24/2022/2963 05/12/2022
Number and Date of Revision or Modification	
Deans Council Approval Decision Number	265/2024/24/3/2
The Date of the Deans Council Approval Decision	2024/1/23
Number of Pages	06

1. Course Title	Special surgery - Otolaryngology
2. Course Number	0506504
3. Credit Hours (Theory, Practical)	2 hours out of 12 special surgery
3. Contact Hours (Theory, Practical)	Theory: 13 Lectures Practical: 14 days of clinical training and interactive activities
4. Prerequisites/ Corequisites	
5. Program Title	Doctor of Medicine
6. Program Code	05
7. School/ Center	School of Medicine
8. Department	Special Surgery Department
9. Course Level	Bachelor
10. Year of Study and Semester (s)	Fifth year
11. Program Degree	Bachelor
12. Other Department(s) Involved in Teaching the Course	Otolaryngology Department at al Basheer Hospital/ The Ministry of Health
13. Learning Language	English
14. Learning Types	<input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online
15. Online Platforms(s)	<input checked="" type="checkbox"/> Moodle <input type="checkbox"/> Microsoft Teams
16. Issuing Date	2023
17. Revision Date	11-5-2025



18. Course Coordinator:

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Course Coordinator / ENT section :

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19. Other Instructors:

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20. Course Description:

As stated in the approved study plan.

A- Course Description:

During this two-week rotation within the special surgery course, students will engage in comprehensive learning experiences in Otolaryngology. The curriculum includes both theoretical and clinical learning in Ear, Nose, and Throat (ENT), head and neck and audiovestibular medicine. Students will actively participate in clinics, gaining practical insights into otorhinolaryngology, head and neck and audiovestibular practices. Additionally, they will have the opportunity to observe surgical procedures in both day case and major theatre settings. The rotation will also feature daily seminars and interactive activities to enhance the overall learning experience.

B- Aims:

This course is designed to equip students with an understanding of prevalent Ear, Nose, and Throat (ENT) as well as audiology issues commonly encountered in general medical practice. The emphasis is on equipping students with the skills needed for effective diagnosis and management of these pathologies.



21. Program Intended Learning Outcomes: (To be used in designing the matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program)

PLO's	*National Qualifications Framework Descriptors*		
	Competency (C)	Skills (B)	Knowledge (A)
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Choose only one descriptor for each learning outcome of the program, whether knowledge, skill, or competency.

Program Intended Learning Outcomes :

1. Demonstrate basic knowledge of normal human structure and function at molecular, genetic, cellular, tissue, organ, system and whole-body levels in terms of growth, development, and health maintenance. Analyze the basic molecular and cellular mechanisms involved in the causation and treatment of human disease and their influence on clinical presentation and therapy.
2. Collect, interpret, document, and communicate accurately a comprehensive medical history, including the psychological and behavioral factors, and a thorough organ-system-specific physical examination inclusive of the mental status of the patient.
3. Integrate and communicate collected clinical information in the construction of appropriate diagnostic and therapeutic management strategies to identify life-threatening conditions ensuring prompt therapy, referral, and consultation with relevant disciplines and skillfully perform basic medical procedures for general practice on patients with common illness, acute and chronic, taking into account environmental, social, cultural and psychological factors.



4. Demonstrate in-depth knowledge of the epidemiology and biostatistics of common diseases, and analyze the impact of ethnicity, culture, socioeconomic factors and other social factors on health, disease and individual patient's health care.
5. Communicate effectively and professionally, both orally and in writing, with patients, their families, and with other healthcare providers utilizing information technology resources in his/her scholarly activities and professional development with the ability to teach others, and to understand and respect other healthcare professionals 'roles, and apply the principles of multidisciplinary teamwork dynamics and collaboration.
6. Apply scientific methods including evidence –based approach to the medical practice including problem identification, data collection, hypothesis formulation, etc., and apply inductive reasoning to problem solving and ensure that clinical reasoning and decision making are guided by sound ethical principles.
7. Demonstrate knowledge of scientific research methods and ethical principles of clinical research and be able to write research proposals or research papers.
8. Demonstrate professionally the skills needed for Quality improvement, lifelong learning, and continuous medical education including the ability to identify and address personal strength and weakness, self-assess knowledge and performance, and develop a self-improvement plan.

22. Course Intended Learning Outcomes: (Upon completion of the course, the student will be able to achieve the following intended learning outcomes)

Course ILOs #	The learning levels to be achieved						Competencies
	Remember	Understand	Apply	Analyse	Evaluate	Create	
1.	✓	✓					Possess the knowledge and understanding of the basic ENT anatomy and physiology as well as the theoretical principles and clinical aspects of otorhinolaryngology.
2.			✓	✓	✓	✓	Conduct a thorough assessments of the ear, nose, throat, head, neck, and



							vestibular system through history-taking, clinical examination, and the ability to identify abnormalities.
3.			✓	✓	✓	✓	Interpret basic ENT and audiological tests and use it with the clinical case history and examination to formulate effective diagnostic and therapeutic strategies considering evidence-based ENT healthcare and considering the environmental, social, cultural, and psychological factors.
4.			✓	✓	✓	✓	Analyze the epidemiology of common diseases affecting the ear, nose, throat, head, neck, and audiovestibular system, and evaluate the impact of ethnicity, culture, socioeconomic factors, and other social factors on health, disease, and individual patient health plan and care within the field of ENT/ Audiology.
5.		✓	✓	✓	✓	✓	Communicate professionally with patients and possess an understanding and respect for



							varied healthcare roles, and apply principles of multidisciplinary teamwork and collaboration in addressing ENT cases.
6.		✓	✓	✓	✓	✓	Demonstrate expertise in research methods and ethics in the ENT field. Also, exhibit professional skills for quality improvement, lifelong learning, and continuous medical education, including self-assessment and self-improvement plans.

23. The matrix linking the intended learning outcomes of the course -CLO's with the intended learning outcomes of the program -PLOs:

PLO's * CLO's	1	2	3	4	5	6	Descriptors**		
							A	B	C
1	✓						✓		



2		✓						✓	
3			✓						✓
4				✓			✓		
5					✓			✓	
6									✓
7						✓	✓		
8									✓

*Linking each course learning outcome (CLO) to only one program outcome (PLO) as specified in the course matrix.

**Descriptors are determined according to the program learning outcome (PLO) that was chosen and according to what was specified in the program learning outcomes matrix in clause (21).



24. Topic Outline and Schedule:

Week	Lecture	Topic	Student Learning Outcome (SLO)	Descriptors ..	Learning Types (Face to Face/Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
1	1.1	Head and neck oncologic disorders	<p>Learn about nasopharyngeal, laryngeal, hypopharyngeal as well as lip, and oral cavity cancers including the epidemiology.</p> <p>List the risk factors contribution to head and neck cancers.</p> <p>Learn how to clinically and radiologically evaluate the staging of these cancers including learning about the endoscopic examination.</p> <p>Understand the various treatment modalities available for nasopharyngeal, laryngeal, lip, and oral cavity cancers, including surgery, radiation therapy and chemotherapy.</p> <p>Additionally, they should appreciate the importance of multidisciplinary collaboration in providing comprehensive patient care</p>	K S C	Face to face		Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*
	1.2	Hearing assessment in children	<p>Recall and get in depth understanding of the basic anatomy and physiology of hearing.</p> <p>Realize the importance of childhood hearing screening and its impact.</p> <p>List, understand and interpret the basic tests used in childhood hearing screening including OAE, tympanometry and pure tone audiometry.</p> <p>List the rehabilitation options for children with hearing loss.</p>	K S C	Blended	Zoom	Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*
	1.3	Common adenotonsillar diseases	<p>Understand the anatomy and physiology of the adenoids and tonsils, including their location, structure, and normal functions.</p> <p>Differentiate between common adenotonsillar diseases such as tonsillitis, adenoiditis, and hypertrophy, understanding their respective etiologies and contributing factors.</p>	K S C	Face to face		Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*



		Understand the various diagnostic and treatment modalities for common adenotonsillar disease including medical and surgical options.						
1.4	Acute and chronic rhinosinusitis	<p>Understand nasal and sinus anatomy relevant to rhinosinusitis.</p> <p>Differentiate between acute and chronic rhinosinusitis and identify symptoms and signs of rhinosinusitis.</p> <p>Develop skills for history-taking, endoscopic examination, and interpreting imaging.</p> <p>Learn medical and surgical treatment, including antibiotics and sinus surgery.</p> <p>Recognize potential complications, such as orbital or intracranial issues.</p>	K S C	Face to face		Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*
1.5	Acute otitis media and otitis media with effusion	<p>Understand the microbial and the pathophysiology of both acute otitis media (AOM) and otitis media with effusion (OME).</p> <p>Recognize clinical features of both and develop skills for accurate otoscopic examination and diagnosis of AOM and OME.</p> <p>Understand microbial and the pathophysiology of both.</p> <p>Learn evidence-based treatment options for AOM, including appropriate use of antibiotics, and recognize the role of watchful waiting in certain cases.</p> <p>Recognize potential complications of AOM.</p>	K S C	Blended	Zoom/ Teams	Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*
1.6	Stridor and tracheostomy	<p>Recognition and assessment of stridor including recognizing the different causes, clinical presentations, and potential complications</p> <p>Understanding Tracheostomy Indications and Procedure</p> <p>Students should be equipped with the knowledge and skills necessary to manage patients with stridor</p>	K S C	Face to face		Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*
1.7	Neck masses	<p>Recap the head and neck embryology and anatomy.</p> <p>List and classify the various differential diagnosis for neck masses in childhood and adulthood.</p> <p>Learn the clinical approach to any neck mass through history, exam, endoscopy and imaging.</p> <p>Learn the clinical features of neck masses</p>	K S C	Face to face		Synchronous Lecturing	<p>Written exam</p> <p>OSCE exam</p> <p>Attendance</p> <p>Evaluation</p>	*



		caused by malignancies. Understand the medical and surgical treatment for each diagnosis.						
2.1	Deafness in adults	Identify and classify the different types of hearing loss. Understand the causes and risk factors for hearing loss among adults. Be able to interpret and recognize the results of the basic audiological tests. Learn about the medical and rehabilitative care for hearing loss.	K S C	Face to face		Synchronous Lecturing	Written exam OSCE exam Attendance Evaluation	*
2.2	Vertigo	Become aware of the differential diagnosis and the various etiologies of vertigo. Acquire skill in performing a systematic assessment for vertigo patients especially through detailed history and thorough examination including Dix-Hallpike maneuver.	K S C	Face to face		Synchronous Lecturing	Written exam OSCE exam Attendance Evaluation	*
2.3	External ear conditions	Get a grasp of the various external ear problems including congenital or acquired lesions and infections. Become aware how to differentiate the different pathologies through history and examination. Understand the diverse treatment approaches and interventions for the common conditions such as otitis externa.	K S C	Blended	Zoom/ Teams	Synchronous Lecturing	Written exam OSCE exam Attendance Evaluation	*
2.4	Epistaxis & nasal trauma	Identify and classify epistaxis and nasal trauma, understanding the different etiologies, risk factors, and severity levels associated with these conditions. Understand appropriate management strategies for epistaxis and nasal trauma, including initial first aid measures and advanced interventions.	K S C	Face to face		Synchronous Lecturing	Written exam OSCE exam Attendance Evaluation	*
2.5	Chronic suppurative otitis media	Learn about the pathophysiology and clinical presentation of chronic suppurative otitis media. Understand the range of management strategies including medical and surgical options. Become aware of potential complications associated with chronic otitis media and understand the importance of long-term follow-up care, including monitoring for recurrence and addressing hearing-related issues.	K S C	Face to face		Synchronous Lecturing	Written exam OSCE exam Attendance Evaluation	*

* K: Knowledge, S: Skills, C: Competency

* Lecture notes in ENT



25. Evaluation Methods:

Opportunities to demonstrate achievement of the CLOs are provided through the following assessment methods and requirements

Evaluation Activity	Mark	Topic(s)	CLOs	Descriptors**	Period (Week)	Platform
Subsurgery OSCI	30	Head and neck oncologic disorders, Hearing assessment in children Common adenotonsillar diseases, Acute and chronic rhinosinusitis Acute otitis media and otitis media with effusion Stridor and tracheostomy Neck masses, Deafness in adults, Vertigo, External ear conditions, Epistaxis & nasal trauma, Chronic suppurative otitis media	1.1,1.2,1.3,1.4,1.5,1.6,1.7,2.1,2.2,2.3,2.4,2.5	K S C	Part of the end of sub surgery course exam	Paper-based exam
Evaluation including attendance	20	Head and neck oncologic disorders, Hearing assessment in children Common adenotonsillar diseases, Acute and chronic rhinosinusitis Acute otitis media and otitis media with effusion Stridor and tracheostomy Neck masses, Deafness in adults, Vertigo, External ear conditions, Epistaxis & nasal trauma, Chronic suppurative otitis media	1.1,1.2,1.3,1.4,1.5,1.6,1.7,2.1,2.2,2.3,2.4,2.5	K S C	At the end of the 2 weeks ENT rotation	-
End of year MCQ test as part of sub surgery exam	50	Head and neck oncologic disorders, Hearing assessment in children Common adenotonsillar diseases, Acute and chronic rhinosinusitis Acute otitis media and otitis media with effusion Stridor and tracheostomy Neck masses, Deafness in adults, Vertigo, External ear conditions, Epistaxis & nasal trauma, Chronic suppurative otitis media	1.1,1.2,1.3,1.4,1.5,1.6,1.7,2.1,2.2,2.3,2.4,2.5	K S C	At the end of each academic year (usually in June)	Computer or paper-based exam

** K: Knowledge, S: Skills, C: Competency

* According to the instructions for granting a Bachelor's degree.



**According to the principles of organizing semester work, tests, examinations, and grades for the bachelor's degree.

(Table is completed on a separate form by course coordinators prior to conduction of each exam according to Accreditation and Quality Assurance Centre procedures and forms)

Final exam specifications table

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CLO Weight	CLO no.
Create %10	Evaluate %10	analyse %10	Apply %20	Understand %20	Remember %30					
										1
										2
										3
										4
										5

26. Course Requirements:

(e.g.: students should have a computer, internet connection, webcam, account on a specific software/platform...etc.):

- ✓ Class room Lectures
- ✓ Seminar room
- ✓ Internet connection and lecturing tools (Zoom/ Teams. Etc)
- ✓ Outpatient clinics
- ✓ ENT surgery theatres

Audiology testing rooms



27. Course Policies:

A- Attendance policies:

Attendance will be monitored by the course coordinator. Attendance policies will be announced at the beginning of the course.

B- Absences from exams and handing in assignments on time:

Will be managed according to the University of Jordan regulations. Refer to <http://registration.ju.edu.jo/Documents/daleel.pdf>

C- Health and safety procedures:

Faculty Members and students must at all times, conform to Health and Safety rules and procedures.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

As a student in this course (and at this university) you are expected to maintain high degrees of professionalism, commitment to active learning and participation in this course and also integrity in your behavior in and out of the classroom. Students violate this policy would be subjected to disciplinary action according to University of Jordan disciplinary policies

E- Grading policy:

Grade-point average, Rules are preset by the Faculty and Department Councils

F- Available university services that support achievement in the course:

Availability of comfortable lecture halls, data show, internet service and E learning website <https://elearning.ju.edu.jo/>

28. References:

A. Required book (s), assigned reading and audio-visuals:

ENT lecture notes

B. Recommended books, materials, and media:

Web based resources: Up To Date.

29. Additional information:



Name of the Instructor or the Course Coordinator/

Signature:

Date:

ENT Section:

Dr Margaret Zuriekat

6/7/2025

Name of the Head of Quality Assurance Committee/

Signature:

Date:

Department

Dr Enas AL Zayadneh

.....
Date:
9/7/2025
.....
Date:

Name of the Head of Department

Dr Mutasem Al Rabi

.....
Date:
9/7/2025
.....
Date:

Name of the Head of Quality Assurance Committee/

Signature:

.....
Date:
9/7/2025
.....
Date:

School or Center

Professor Ayman wahbeh

.....
Date:
10/7/2025
.....
Date:
10/7/2025

Name of the Dean or the Director

Professor Ayman wahbeh

.....
Date:
10/7/2025
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Date:
10/7/2025

