



<b>Form: Course Syllabus</b>	<b>Form Number</b>	EXC-01-02-02A
	<b>Issue Number and Date</b>	2/3/24/2022/2963 05/12/2022
	<b>Number and Date of Revision or Modification</b>	
	<b>Deans Council Approval Decision Number</b>	2/3/24/2023
	<b>The Date of the Deans Council Approval Decision</b>	23/01/2023
	<b>Number of Pages</b>	06

1.	<b>Course Title</b>	Special topic in audiology
2.	<b>Course Number</b>	1804431
3.	<b>Credit Hours (Theory, Practical)</b>	3 (theory)
	<b>Contact Hours (Theory, Practical)</b>	3 (theory)
4.	<b>Prerequisites/ Corequisites</b>	None
5.	<b>Program Title</b>	Bachelor of Hearing and Speech Sciences
6.	<b>Program Code</b>	1804
7.	<b>School/ Center</b>	Rehabilitation Sciences
8.	<b>Department</b>	Hearing & Speech Sciences
9.	<b>Course Level</b>	Undergraduate/fourth year+ third Year
10.	<b>Year of Study and Semester (s)</b>	2023/2024-Second semester
11.	<b>Other Department(s) Involved in Teaching the Course</b>	-
12.	<b>Main Learning Language</b>	English
13.	<b>Learning Types</b>	<input type="checkbox"/> Face to face learning <input checked="" type="checkbox"/> Blended <input type="checkbox"/> Fully online
14.	<b>Online Platforms(s)</b>	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams
15.	<b>Issuing Date</b>	10/12/2020
16.	<b>Revision Date</b>	19/2/2024

**17. Course Coordinator:**

Name: Anaam Alkharabsheh, Ph.D. 10-11	Contact hours: Monday and Wednesday
Office number: 426	Phone number:
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### 18. Other Instructors:

Name:

Office number:

Phone number:

Email:

Contact hours:

Name:

Office number:

Phone number:

Email:

Contact hours:

### 19. Course Description:

As stated in the approved study plan.

Course content will provide an introduction to tinnitus and hyperacusis; definition, anatomy and physiology, and prevalence. The course will also focus on the causes for tinnitus and hyperacusis and what are the treatment options. Additional topics will cover the clinical tests and current research topics.

### 20. 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)

1. To identify the role of audiologists and speech therapists in working with patient with communication and hearing disorders. (knowledge)
2. Demonstrate deep knowledge of the basic human communication processes, as well as the nature of speech, language, and hearing. (knowledge)
3. Identify the basic principles and methods of prevention, assessment and intervention for individuals with communication and hearing disorders ((knowledge) .
4. Apply the evidence-based clinical skills (diagnosis, assessment, and intervention) in working with individuals with communication and hearing disorders and to commit to profession ethics (skills and competencies).
5. Write professional reports for patient with communication and hearing disorders (skills and competencies).
6. Analyze the needs of patient's case by case and develop appropriate individualised rehabilitation planfor each of them (competencies).
7. Problem-solving skills in the area of specialization from various fields of work. (skills and competencies)



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

**Knowledge**

1. Demonstrate deep knowledge of the basic human communication processes, as well as the nature of speech, language, and hearing.
2. Identify and apply the basic principles and methods of prevention, assessment, and intervention for individuals with communication and hearing disorders.

**Skills**

3. Conduct appropriate diagnostic monitoring procedures, therapy, or other actions safely and skillfully
4. Write professional reports for patient with communication and hearing disorders
5. Formulate specific and appropriate intervention plans

**Competencies**

6. Demonstrate commitment to lifelong learning, teamwork, scientific research, analysis, interpretation, has the ability to think critically and solve problems, and uses technology to monitor, manage, analyze, and transfer information to generate knowledge and employ it for future uses.
7. Demonstrate the ability to take responsibilities and exercises their rights and duties within the value system of society and their public morals.

Course ILOs	The learning levels to be achieved					
	Remembering	Understanding	Applying	Analysing	evaluating	Creating
1	X	X	X	X	X	X
2						X
3	X		X		X	
4	X	X				
5		X		X		
6				X	X	X
7	X	X		X		X

**22. The matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program:**



Program ILOs / Course ILOs	ILO (1)	ILO (2)	ILO (3)	ILO (4)	ILO (5)	ILO (6)	ILO (7)
1	X						
2		X					
3							
4			X				
5							
6				X			
7					X	X	X

### 23. Topic Outline and Schedule:

Week	Lecture	Topic	ILO/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
1	1.1	Syllabus and Introduction to tinnitus		Blended	Live Lectures	<b>Synchronous</b>	Participation -Attendance. - written test and Quizzes.	
	1.2	Type of tinnitus						
	1.3	-Epidemiology and Etiology						
2	2.1	Risk factor to develop tinnitus						
	2.2	Genetics of tinnitus						
	2.3	Listening to tinnitus						
3	3.1	Level of tinnitus disturbance						



	3.2	Level of tinnitus disturbance						
	3.3	Audiological tests for tinnitus						
4	4.1	Anatomy and Physiology related to tinnitus						
	4.2	Neurophysiological model of tinnitus						
	4.3	Neurophysiological model of tinnitus						
5	5.1	Psychological Models of tinnitus						
	5.2	Sensorineural hearing loss model of tinnitus						
	5.3	Structural changes in the auditory following noise trauma						
6	6.1	Central nervous system involvement in tinnitus						
	6.2	Tinnitus health care providers						
	6.3	Why tinnitus so bothersome						
7	7.1	Patients Navigator						
	7.2	Hyperacusis						
	7.3	Hyperacusis						
8	8.1	Mid-Term						
	8.2	Pathophysiology of reduced loudness tolerance						
	8.3	Neurophysiological Model						
9	9.1	Hyperacusis Assessment						
	9.2	Tinnitus and Hyperacusis treatment						
	9.3	Tinnitus and Hyperacusis treatment						
10	10.1	Counseling in the treatment of tinnitus						
	10.2	Counseling in the treatment of tinnitus						
	10.3	Counseling in the treatment of tinnitus						
11	11.1	Sound therapies						
	11.2	Sound therapies						
	11.3	Sound therapies						
12	12.1	Acoustic Therapy strategies						
	12.2	Acoustic Therapy strategies						
	12.3	Acoustic Therapy strategies						



13	13.1	Obstacles to tinnitus treatment						
	13.2	Obstacles to tinnitus treatment						
	13.3	Obstacles to tinnitus treatment						
14	14.1	Self-help material for tinnitus						
	14.2	Self-help material for tinnitus						
	14.3	Pharmacological treatment						
15	15.1							
	15.2							
	15.3							

## 24. Evaluation Methods:

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

Evaluation Activity	Mark	Topic(s)	ILO/s Linked to the Evaluation activity	Period (Week)	Platform
Midterm	30	Topics covered in the first 8 weeks		8 <sup>th</sup> week	Microsoft teams or Moodle
Final	50	Announced to the class by the registration		15 week	Microsoft teams or Moodle
Quizzes	20	Announced to the class by the instructor		TBA	Microsoft teams or Moodle

## 25. Course Requirements:



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

Equipments that will be used:

- Computer
- Overhead projector
- Speakers

Websites that will be used for readings:

- The University of Jordan website (E-Learning).
- American Speech, Language, and Hearing Association website
- Using audio- visual materials when possible (e.g., power point, DVDs, audio tapes)

Note:

Please make sure to check the E- Learning website a day before the lecture, download and print the worksheets or the reading material uploaded for the session.

## 26. Course Policies:

### A- Attendance policies:

- Attendance will be taken periodically throughout the semester.
- Students are expected to attend and actively participate in all classes.
- Students are expected to be on time.
- When the student is unable to attend class, it is a courtesy to notify the instructor in advance using either e-mail or phone.
- Repeated tardiness or leaving early will not be accepted.
- Students who miss class (or any portion of class) are responsible for the content. Any student who misses a class has the responsibility for obtaining copies of notes, handouts, assignments, etc. from class members who were present. If additional assistance is still necessary, an appointment should be scheduled with the instructor. Class time is not to be used to go over material with students who missed class (es).
- An absence of more than 15% of all the number of classes, which is equivalent of ( 6 ) classes, requires that the student provides an official excuse to the instructor and the dean.
- If the excuse was accepted the student is required to withdraw from the module.
- If the excuse was rejected the student will fail the module and mark of zero will be assigned as suggested by the laws and regulations of the University of Jordan. Please refer to pages 133, 134 of the student handbook.

### B- Absences from exams and submitting assignments on time:

- The instructor will not do any make-up exams.
- Exceptions for make-up exams and late submission of class assignments will be made on a case-by-case basis for true personal emergencies that are described as accepted by the regulations of UJ (e.g., documented medical, personal, or family emergency).
- Make-up exams will be arranged if justifications for missing the exam satisfy the above. It is the student's responsibility to contact the instructor within 24 hours of the original exam to schedule a make-up session. A make-up exam should be taken within a week from the original exam date, unless the student can provide documentation that makes meeting that deadline impossible; otherwise, the recorded score for that exam for the student will be a zero.
- Late assignments will not be accepted and submission of assignments (due to unjustified absence from class) by other students will not be accepted regardless of how much work the student put into its preparation.



### C- Health and safety procedures:

- Students will not be in direct contact with patients during this course.
- Students are not expected to use any heavy tools or equipment that might impose health and safety issues during this course.
- Students should work safely, including being able to select appropriate hazard control and risk management, reduction or elimination techniques in a safe manner in accordance with health and safety legislation.
- Students should understand the importance of and be able to maintain confidentiality.
- Students should understand the importance of and be able to obtain informed consent.
- Students should know the limits of their practice and when to seek advice or refer to another professional

### D- Honesty policy regarding cheating, plagiarism, misbehavior:

- Students are expected to observe all University guidelines pertaining to academic misconduct.
- Any work submitted by a student for academic credit must be the student's own work. Submission of work taken directly from another source (e.g., book, journal, internet, clinic forms, or another student work) will be considered plagiarism and the student/group will get a zero grade for that work if part of an assignment. In addition, if copying occurred, both the student who copied the work and the student who gave material to be copied (if applicable) will receive a zero for the assignment.
- Students are expected to do work required for assignments on their own. Asking other instructors at the JU clinic or the staff, or other students to assist in or do any part of the assignment for them will negatively affect their grade on that assignment. The course instructor is the person the student needs to talk to if s/he has any difficulties pertaining to an assignment or project and is strongly encouraged to schedule an appointment with the instructor if such difficulties arise during the semester.
- Course materials prepared by the instructor, together with the content of all lectures and review sessions presented by the instructor are the property of the instructor. Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited.
- Any forms of academic misconduct will be handled according to the University of Jordan guidelines.

### E- Grading policy:

Grading for this course will be determined based upon the accumulation of points for variety of assignments and exams. All work will be evaluated on completeness, organization, clarity of information, and the integration and application of the material.

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

The University of Jordan provides many services to support social, health, and mental well-being of students in general and students with disabilities in specific. Students are advised to visit the Faculty of Students Affairs to learn more about those services. If you are a student with a disability for which you may request accommodations, please notify the staff of Services for Student with Disabilities (Faculty of Students Affairs) as soon as possible. Please also contact the instructor as soon as possible (email is acceptable) so the appropriate accommodations for this course can be made.

## 27. References:

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

- Textbook of Tinnitus, Age R. Moller, Berthold Langguth, Dirk De Ridder Tobais Kelinjung Editors (2011)
- Eggermont, Jos J The neuroscience of tinnitus-Oxford University Press (2012)
- Progress in Brain Research 166) - Tinnitus\_ Pathophysiology and Treatment-Elsevier Science (2007)

### B- Recommended books, materials, and media:

- Articles, chapters from another books and websites will be provided during the semester.



**28. Additional information:**

Concerns or complaints should be expressed in the first instance to the module lecturer ; if no resolution is forthcoming , then the issue should be brought to the attention of the module coordination (for multiple sections) who will take the concerns to the module representative meeting . Thereafter, problems are dealt with by the Department Chair and if still unresolved the Dean and the ultimately the Vice President. For final complaints, there will be a committee to review grading the final exam.

- For more details on University regulations please visit :

<http://www.ju.edu.jo/rules/index.htm>

Name of the Instructor or the Course Coordinator: Ana'am Alkharabsheh	Signature: .....A.A.....	Date: ...19/2/2024
Name of the Head of Quality Assurance Committee/ Department	Signature: .....	Date: .....
....		...
Name of the Head of Department .....Khader Joudeh.....	Signature: .....K.J.....	Date: .....
	...	...
Name of the Head of Quality Assurance Committee/ School or Center	Signature: .....	Date: .....
.....	.....	.....
		...
Name of the Dean or the Director	Signature: .....	Date: .....
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