

NEAR EAST UNIVERSITY

FACULTY OF HEALTH SCIENCES

BSc PROGRAM in AUDIOLOGY

COURSE CATALOGUE

2021-22 FALL

➤ **QUALIFICATION AWARDED**

The students who successfully complete the program are awarded the degree of Bachelor of Science in Audiology.

➤ **LEVEL OF QUALIFICATION**

This is a Bachelor's Degree program

➤ **SPECIFIC ADMISSION REQUIREMENTS**

In the framework of the regulations set by Higher Education Council of Turkey (YÖK), student admission for this undergraduate program is made through a university entrance examination called ÖSYS. Following the submission of students' academic program preferences, Student Selection and Placement Center (ÖSYM) places the students to the relevant program according to the score they get from ÖSYS.

International students are accepted to this undergraduate program according to the score of one of the international exams they take such as SAT, ACT and so on, or according to their high school diploma score.

Exchange student admission is made according to the requirements determined by bilateral agreements signed by NEU and the partner university.

Visiting students can enroll for the courses offered in this program upon the confirmation of the related academic unit. Additionally, they need to prove their English language level since the medium of instruction of the program is English.

➤ **QUALIFICATION REQUIREMENTS AND REGULATIONS**

The students studying in this undergraduate program are required to have a Cumulative Grade Points Average (Cum. GPA) of not less than 2.00/4.00 and have completed all the courses with at least a letter grade of DD/S in the program in order to graduate. The minimum number of ECTS credits required for graduation is 240. It is also mandatory for the students to complete their compulsory internship in a specified duration and quality.

➤ **RECOGNITION OF PRIOR LEARNING**

At Near East University, full-time students can be exempted from some courses within the framework of the related bylaws. If the content of the course previously taken in another institution is equivalent to the course offered at NEU, then the student can be exempted from this course with the approval of the related faculty/graduate school after the evaluation of the course content.

➤ **PROFILE OF THE PROGRAM**

The aim of the program is to equip its graduates with the basic scientific principles that form the basis of clinical audiology and clinical skills that enable the practical application of these principles. Upon graduation, students will be equipped to pursue a career in audiology or further academic studies, if they wish.

➤ **PROGRAM OUTCOMES**

Program Outcomes	
1	To have sufficient knowledge about amplification systems; to be able to use the theoretical and applied knowledge in these fields on the patient.
2	To be able to identify, define, classify and solve patient complaints; determining test methods suitable for this purpose.
3	Planning and implementation of diagnostic tests specific to the pediatric group.
4	To be able to measure the calibration and reliability of equipment used in clinical audiology.
5	To be able to design and conduct experiments, collect data, analyze and interpret results to investigate patient problems and solution methods encountered in clinical audiology.
6	To have knowledge about the different disciplines that audiology can work with; Ability to work efficiently in multi-disciplinary teams
7	To be able to communicate effectively in Turkish, both orally and in writing; to be able to author and comprehend written reports, to be able to prepare design and implementation reports, to present effectively, to be able to give and receive clear and comprehensible instructions.
8	To have knowledge about environmental and global factors affecting hearing health; To be informed about personal and social problems caused by these factors; To be aware of technical and legal methods that can be effective in solving problems.
9	To be aware of ethical behavior, professional and ethical responsibility; To have knowledge about the standards used in clinical practice.
10	To be able to collect data in the field of audiology and to communicate with colleagues in a foreign language.
11	Ability to effectively speak a second foreign language with moderate fluency
12	Recognizing the necessity of lifelong learning; accessing information, being aware of developments in science and technology.

➤ **COURSE & PROGRAM OUTCOMES MATRIX**

Course Code	Course Name	Program Outcomes											
		1	2	3	4	5	6	7	8	9	10	11	12
1st Year - 1st Semester													
AIT103	Ataturk's Principles and The History of the Turkish Revolution I												4
ANT103	Anatomy of Hearing and Speech Organs	3				2							
PHS101	Basic Physiology		1	1			3		2				
AUD103	Foundations of Audiology I	2			5					3	4		1
AUD101	Sound Physics and Acoustic Principles	2			5								
ENG101	English I										3	5	2
1st Year - 2nd Semester													
AIT104	Ataturk's Principles and The History of the Turkish Revolution II							3					4
ANT102	Neuroanatomy of Speech and Hearing	2	3				1						
PHS102	Neurophysiology	2	3				2						
AUD102	Ear Nose and Throat Disorders		3	1		5	4						
AUD106	Foundations of Audiology II	4		2	5	3				2	1		1
ENG102	English II*										3	5	2
YIT102	Turkish For Foreign Students II							5					
2nd Year - 1st Semester													
AUD221	Basic Audiological Tests			5	5	4				2			1
AUD223	Laboratory Practises in Audiology	5		5	5								2
AUD211	Auditory System Disorders	5		4		2	2						
AUD225	Medical Terminology						3				2		
AUD227	Speech and Language Disorders in Hearing Impaired		2	3			5		1				
BST201	Biostatistics					2		4		4	5		2
2nd Year - 2nd Semester													
AUD208	Pediatric Audiology	2	3	5	2	1	1						
AUD210	Vestibular System Disorders		4			4			2				
AUD214	Audiology Practice – I	5	2	5	5	1							2
AUD224	Audiological Diagnosis and Interpretation		5	5	5	2			1				1

AUD226	Hearing Screening Tests	3	4	2			1				
AUD230	Biophysics		1	1		3	2				
3rd Year - 1st Semester											
AUD301	Electrophysiologic Tests I		5	5	2	2		2			
AUD303	Hearing Aids I	5	2	1	2			2	2	1	
AUD305	Vestibular System and Evaluation		4			4		2			
AUD307	Pediatric Audiology Cases		4	5		5	2		1		
3rd Year - 2nd Semester											
AUD302	Electrophysiologic Tests II **		5	5	2	2		2			
AUD304	Hearing Aids II ***	5	2	1	2			2	2	1	
AUD306	Audiology Practice II *	5	2	5	5	1				2	
AUD308	Vestibular Rehabilitation		4			4		2			
AUD320	Audiology Cases	2	5	2		1		1	1		
4th Year - 1st Semester											
AUD401	Project Work I		4			5	4	3	3	5	3
AUD403	Seminars in Audiology I	2	2	2				4	3	5	
AUD405	Auditory Implants	5	4	4							
AUD407	Clinical Audiology: Practice and Observation *	5	2	5	3						
4th Year - 2nd Semester											
AUD402	Project Work II **			1			3	1		2	
AUD404	Seminars in Audiology II ***	2	2	2				4	3	5	
AUD406	Hearing Aids: Practice and Observation *	5	2	5	3						
AUD410	Audiological Counselling		5		1			2	5		
Technical (Field-Related) Elective Courses											
FHS156	Interpersonal Relationships and Communication							3		2	
AUD213	Auditory Perception Processes		5	3							
YIT201	Turkish For Foreign Students III							5			
YIT202	Turkish For Foreign Students IV							5			
AUD219	Geriatric Audiology	2	2			4		3			
AUD228	Auditory Processing Disorders		2	2		1					
AUD204	Vestibular System Physical Examination Techniques		5	2							
HIN302	Health Informatics							3	3	3	

AUD311	Industrial Audiology	2						5			
FHS355	Time Management						2				2
FHS335	Research Methods in Health Sciences							4	5		2
AUD312	Music Perception in Hearing Impaired	1			3	2					
AUD316	Neurolinguistics		4		3	3					
AUD408	Electrophysiological Tests: Practice and Observation		5	5	3			2			
AUD409	Pediatric Audiology: Practice and Observation	5	3	5		3					
AUD411	Family Education of Hearing Impaired Children	3	1	2			2		2		
AUD413	Approach to Multi-Handicapped and Hearing Impaired Patients	5	3	3	3	3					
AUD412	Rehabilitative Audiology: Practice	5	4	5				2			
AUD422	Hearing Aid Software Applications	5			3						
AUD418	Vestibular Laboratory Practice		4		5	3					
Second Foreign Languages											
Xxx 000	Second Foreign Languages I	Please Select a Language									
Xxx 000	Second Foreign Languages II	Please Select a Language									
Xxx 000	Second Foreign Languages III	Please Select a Language									
Xxx 000	Second Foreign Languages IV	Please Select a Language									

* 1 Lowest, 2 Low, 3 Average, 4 High, 5 Highest

➤ OCCUPATIONAL PROFILES OF GRADUATES

Audiologists can work in audiology clinics of universities, public or private hospitals. They can also work as hearing specialists or promotional personnel in hearing aid application centers, cochlear implant sales and programming centers, rehabilitation centers for the hearing impaired. They can also build an academic career by pursuing a master's and doctorate in audiology or a related science.

➤ ACCESS TO FURTHER STUDIES

The students graduating from this program may apply to graduate programs.

➤ PROGRAM STRUCTURE

The undergraduate program in Audiology consists of 62 courses with 240 ECTS credits in total.

There are at least 4 courses in each semester, excluding common compulsory courses and elective courses.

In each program, there are common compulsory courses identified by the Higher Education Council of Turkey (YÖK) and other common courses determined by the University Senate.

Beginning from the first year, elective courses are anticipated in each semester.

25% of the elective courses are taken from other faculties.

COURSES OFFERED THROUGHOUT THE UNIVERSITY		
Common University Courses	Campus Orientation	The students are registered to this course at the beginning of the first semester of the freshman year to familiarize them with the campus life at NEU.
	Career Planning	The students are registered to this course at the beginning of their second semester of the freshman year to help them prepare for work life after graduation.
	Cyprus History and Culture	This course is taken by students in their freshmen year and it aims to help them to familiarize them with the local history and culture.
Common Compulsory Courses (YÖK Courses)	Turkish Language I-II (Turkish for Foreigners I & II to replace this course for international students) Principles of Atatürk and History of Revolution I-II	These are the compulsory courses which are required to be offered in all of the associate and undergraduate programs in Turkey according to the Higher Education Legislation.
	Information Technologies	This course is anticipated in all the associate and undergraduate programs in Turkey in order to make the students gain the qualifications related to basic information technologies.
	Foreign Language (ENGLISH) I & II	This course is offered in the first and second semester and conducted according to the program curriculum of each faculty.

➤ **Course Structure Diagram with Credits**

To see the course details (such as objectives, learning outcomes, content, assessment and ECTS workload), click the relevant Course Code given in the table below.

1 st Year Fall Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AIT103		Ataturk's Principles and The History of the Turkish Revolution I	2	0	2	2
ANT103		Anatomy of Hearing and Speech Organs	3	0	3	4
PHS101		Basic Physiology	3	0	3	4
AUD103		Foundations of Audiology I	3	2	4	5
AUD101		Sound Physics and Acoustic Principles	3	0	3	3
ENG101		English I	3	0	3	3
YIT101		Turkish For Foreign Students I	2	0	2	2
		Elective Course				

		Elective Course				
Total						30

1 st Year Spring Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AIT104		Ataturk's Principles and The History of the Turkish Revolution II	2	0	2	2
ANT102		Neuroanatomy of Speech and Hearing	2	0	2	3
PHS102		Neurophysiology	2	0	2	3
AUD102		Ear Nose and Throat Disorders	2	0	2	4
AUD106		Foundations of Audiology II	3	2	4	5
ENG102		English II*	3	0	3	3
YIT102		Turkish For Foreign Students II	2	0	2	2
		Elective Course				
		Elective Course				
Total						30

2 nd Year Fall Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUD211		Auditory System Disorders	2	0	2	4
AUD221		Basic Audiological Tests	4	0	4	5
AUD223		Laboratory Practises in Audiology	0	4	2	5
AUD225		Medical Terminology	2	0	2	4
AUD227		Speech and Language Disorders in Hearing Impaired	2	0	2	3
BST201		Biostatistics	3	0	3	5
		Elective Course				
		Elective Course				
Total						30

2 nd Year Spring Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUD208		Pediatric Audiology	3	2	4	5
AUD210		Vestibular System Disorders	2	0	2	3

AUD214		Audiology Practice – I	0	8	4	5
AUD224		Audiological Diagnosis and Interpretation	4	0	4	5
AUD226		Hearing Screening Tests	1	2	2	3
AUD230		Biophysics	2	0	2	3
		Elective Course				
		Elective Course				
Total						30

3 rd Year Fall Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUD301		Electrophysiologic Tests I	2	2	3	5
AUD303		Hearing Aids I	3	2	4	5
AUD305		Vestibular System and Evaluation	3	2	4	5
AUD307		Pediatric Audiology Cases	3	2	4	5
		Elective Course				
		Elective Course				
		Elective Course				
Total						30

3 rd Year Spring Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUD302		Electrophysiologic Tests II	2	2	3	5
AUD304		Hearing Aids II	3	2	4	5
AUD306		Audiology Practice II	0	8	4	5
AUD308		Vestibular Rehabilitation	1	2	2	3
AUD320		Audiology Cases	3	0	3	5
		Elective Course				
		Elective Course				
Total						30

4 th Year Fall Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUD401		Project Work I	1	2	2	4

AUD403		Seminars in Audiology I	0	2	1	3
AUD405		Auditory Implants	3	0	3	4
AUD407		Clinical Audiology: Practice and Observation	0	10	5	10
		Elective Course				
		Elective Course				
Total						30

4 th Year Spring Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUD402		Project Work II **	1	2	2	4
AUD404		Seminars in Audiology II ***	0	2	1	3
AUD406		Hearing Aids: Practice and Observation *	0	10	5	10
AUD408		Electrophysiological Tests: Practice and Observation	0	10	5	10
AUD410		Audiological Counselling	3	0	3	4
		Elective Course				
Total						30

Elective Courses						
Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
PHS104		Physiology- Hearing/Speech and Vestibular Organs	3	0	3	3
AUD213		Auditory Perception Processes	2	0	2	4
AUD219		Geriatric Audiology	3	0	3	3
AUD228		Auditory Processing Disorders	2	0	2	4
AUD204		Vestibular System Physical Examination Techniques	2	0	2	3
AUD311		Industrial Audiology	2	0	2	4
AUD312		Music Perception in Hearing Impaired	2	0	2	4
AUD316		Neurolinguistics	2	0	2	3
AUD409		Pediatric Audiology: Practice and Observation	0	10	5	10
AUD411		Family Education of Hearing Impaired Children	2	0	2	5
AUD413		Approach to Multi-Handicapped and Hearing Impaired Patients	2	0	2	3

AUD408		Electrophysiological Tests: Practice and Observation	0	10	5	10
AUD412		Rehabilitative Audiology: Practice	0	6	3	6
AUD422		Hearing Aid Software Applications	2	2	3	4
AUD418		Vestibular Laboratory Practice	0	6	3	6
FHS155		Self Knowledge and Communication Skills	2	0	2	3
FHS156		Interpersonal Relationships and Communication	2	0	2	3

Non-Technical (Non Field-Related) Elective Courses						
Code	Pre.	Course Name	Theory	Application/Laboratory	Local Credits	ECTS
FHS355		Time Management	2	0	2	3
FHS335		Research Methods in Health Sciences	3	0	3	5
HIN302		Health Informatics	3	0	3	5
FHS104		Occupational Health and Safety	2	0	2	4
PSY102		Psychology	2	0	2	2
COM101		Computer	3	2	3	3
NAD103		Nutrition Basics I	1	0	1	3
NAD104		Nutrition Basics II	1	0	1	3
YIT201		Turkish For Foreign Students III	2	0	2	2
YIT202		Turkish For Foreign Students IV	2	0	2	2

Additional Notes

A total of 240 ECTS credits of courses are required to graduate. The Audiology students must complete technical and non-technical elective courses to provide a total of 240 ECTS credits. Otherwise they will not be deemed to fulfill the conditions to graduate from the program.

Important Information about the Elective Courses

The students of Audiology department must take 5 technical elective courses to graduate.

These courses must be selected from the Technical Elective Courses list. Courses that are not in this list cannot be accepted as technical electives.

ECTS credits of elective courses should be equal or greater than the credits specified in the curriculum.

Important Information about the Non-technical Electives

The students of Audiology department must take 3 non-technical elective courses to graduate. These can be selected from the General Elective Courses (courses with GEC codes) or Generated Common Elective (courses with GCE codes), which are offered by the Common Courses Coordination Unit (odk.neu.edu.tr). The list of these courses are updated every semester.

ECTS credits of GEC/GCE courses should be equal or greater than the credits specified in the curriculum.

If you need support for these courses due to your disability, please refer to Disability Support Unit. Contact; engelsiz@neu.edu.tr

Exam Regulations & Assessment & Grading

Exam Regulations and, Assessment, and Grading

For each course taken at NEU, the student is given one of the letter grades below by the instructor as the semester course grade. Each grade has also its ECTS grade equivalent

The table below provides the detailed information about the local letter grades, coefficients and ECTS grade equivalents.

SCORE	GRADE	COEFFICIENT	ECTS Grade
90-100	AA	4.0	A
85-89	BA	3.5	B*
80-84	BB	3.0	B*
75-79	CB	2.5	C*
70-74	CC	2.0	C*
60-69	DC	1.5	D
50-59	DD	1.0	E
49 and below	FF	0.0	F

*for these ones, the higher grade is applied

In order to be successful in a course, short cycle (associate degree) and first cycle (bachelor's degree) students have to get a grade of at least DD, second cycle (master's degree) students have to get a grade of at least CC, and third cycle (Ph.D.) students have to get a grade of at least CB to pass a course. For courses which are not included in the cumulative GPA, students need to get a grade of S.

Apart from that, each local grade has it is equivalent ECTS grade which makes it easier to transfer the grades of mobility periods of students. The chart above shows the ECTS grading system at NEU.

Also, among the Letter Grades;

I	Incomplete
S	Satisfactory Completion
U	Unsatisfactory
P	Successful Progress
NP	Not Successful Progress
EX	Exempt
NI	Not included
W	Withdrawal
NA	Non-Attendance

Grade of I (Incomplete), is given to students who are not able to meet all the course requirements at the end of the semester or summer school due to a valid justification accepted by the instructor. Students who receive a letter grade “I” must complete their missing course requirements and receive a letter grade within one week following the date the end of semester grades or summer school grades submitted. However, in the event of special cases, this period can be extended until two weeks before the beginning of registration for the next semester, upon the recommendation of the respective Graduate School department head and the decision of that academic unit’s administrative board. Otherwise, grade of “I” will automatically become grade of FF, or grade of U.

Grade of S (Satisfactory) is given to students who are successful in non-credited courses.

Grade of U (Unsatisfactory) is given to students who are unsuccessful in non-credited courses.

Grade of P (Successful Progress) is given to students, who continue to the courses that are not included in the GPA that has a period exceeding one semester, and regularly performs the academic studies for the respective semester.

Grade of NP (Not Successful Progress) is given to students, who do not regularly perform the academic studies for the respective semester for courses that are not included in the GPA and have a period exceeding one semester.

Grade of EX (Exempt), is given to students who are exempt from some of the courses in the curriculum.

Grade of NI (Not included) is issued to identify the courses taken by the student in the program or programs which are not included in the GPA of the student. This grade is reported in the students’ transcripts with the respective letter grade. Such courses are not counted as the courses in the program that the student is registered to.

Grade of W (Withdrawal) is used for the courses that the student withdraws from in the first ten weeks of the semester following the add/drop period, upon the recommendation of his/ her advisor and the permission of the instructor that teaches the course. A student is not allowed to withdraw from courses during the first two semesters of his/ her associate/undergraduate degree program and from those courses he/she has to repeat and received grade “W” before, which are not included in the grade average. A student is allowed to withdraw from two courses at the most during his/ her associate

degree study, and four courses during his/her undergraduate study upon the recommendation of the advisor and the permission of the instructor that teaches the course. A student has to take the course that he/she withdrew from, the first semester in which it is offered.

Grade “NA” (Non-Attendance) is issued by the instructor for students who fail to fulfil the attendance and/or requirements of the course and/or who lose their right to take the end of semester exam because they failed to take any of the exams administered throughout the semester. Grade “NA” is not considered in the average calculations.

Both the ECTS grades and the local grades of the students are displayed on the official transcript of the students.

➤ **GRADUATION REQUIREMENTS**

In order to graduate from this undergraduate program, the students are required;

to succeed in all of the courses listed in the curriculum of the program by getting the grade of at least DD/S with a minimum of 240 ECTS

to have a Cumulative Grade Point Average (CGPA) of 2.00 out of 4.00

to complete their compulsory internship in a specified duration and quality.

➤ **MODE OF STUDY**

This is a full time program.

➤ **PROGRAM DIRECTOR (OR EQUIVALENT)**

Asst. Prof. Ateş Mehmet Akşit Head of Department

Faculty of Health Sciences, Near East University

➤ **EVALUATION QUESTIONNAIRES**

Evaluation Survey

Graduation Survey

Satisfaction Survey