



Τμήμα Ιατρικής ΑΠΘ

Πρόγραμμα Μεταπτυχιακών Σπουδών Στρατηγικές Σπουδές

**M2.4 Περιγράμματα μαθημάτων και
διπλωματικής εργασίας (σύμφωνα με το
υπόδειγμα της ΕΘΑΑΕ)-EN**

Medical School

Course Description Form IPPS Neuroscience and Neurodegeneration

(<https://qa.auth.gr/el/studyguide/600000509/current>)

ΗΗ /Οκτώβριος/ 2023

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Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNA001	SEMESTER	1
TITLE	Epidemiology and pathogenesis of dementia		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures Exams			
		2	7.5000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek (Instruction, Examination)		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600199460		

(2) LEARNING OUTCOMES

Learning Outcomes After attending the course students will be able to: ● appreciate the technological needs of health care ● design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact ● record user requirements of health care systems and collaborate with other professional groups in the design of health services ● apply modern methodologies and use modern systems/technological solutions in the practice of ECEC ● recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology ● apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration ● better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.

General Competences

Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?

Retrieve, analyse and synthesise data and information, with the use of necessary technologies

Adapt to new situations

Make decisions

Work autonomously

Work in teams

Work in an international context

Work in an interdisciplinary team

Generate new research ideas

Design and manage projects

Appreciate diversity and multiculturality

Respect natural environment

Demonstrate social, professional and ethical commitment and sensitivity to gender issues

Be critical and self-critical

Advance free, creative and causative thinking

.....

Other...

.....

Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an international context, Work in an interdisciplinary team, Generate new research ideas, Design and manage projects, Appreciate diversity and multiculturality, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Be critical and self-critical, Advance free, creative and causative thinking

(3) COURSE CONTENT

The course includes the individual modules: Epidemiology of frontotemporal dementias, epidemiology of multiple sclerosis, brain anatomy, brain physiology, Epidemiology and pathogenesis of dementias

The course includes the individual sections of Epidemiology and pathogenesis of atherosclerosis of the vessels of the Central Nervous System, Genetics of vascular dementias and Reversible dementias - examples.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26 Exams 1	
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i> Written Exam with Multiple Choice Questions (Formative, Summative), Written Assignment (Formative, Summative)	
<i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>		

(5) BIBLIOGRAPHY

- *Course bibliography:*

Special bibliography on a case-by-case basis

- *Additional bibliography for study:*

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNA002	SEMESTER	1
TITLE	Epidemiology and Pathogenesis of Parkinson's Disease- Parkinsonism plus syndromes		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures Exams			
		2	7.5000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek (Instruction, Examination)		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600199461		

(2) LEARNING OUTCOMES

Learning Outcomes
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.

General Competences

Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?

Retrieve, analyse and synthesise data and information, with the use of necessary technologies

Adapt to new situations

Make decisions

Work autonomously

Work in teams

Work in an international context

Work in an interdisciplinary team

Generate new research ideas

Design and manage projects

Appreciate diversity and multiculturality

Respect natural environment

Demonstrate social, professional and ethical commitment and sensitivity to gender issues

Be critical and self-critical

Advance free, creative and causative thinking

.....

Other...

.....

Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturality, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking

(3) COURSE CONTENT

The course includes the individual modules of Genetic Parkinson's Disease and Parkinson's Disease Pathogenesis.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26	
	Exams 1	
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i> <i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i> Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography:

Special bibliography on a case-by-case basis

- Additional bibliography for study:

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	Μεταπτυχιακό		
CODE	TIMNA003	SEMESTER	1
TITLE	Epidemiology and pathogenesis of other neurodegenerative diseases		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures			
Exams			
		2	7.5000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek (Instruction, Examination)		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600199462		

(2) LEARNING OUTCOMES

Learning Outcomes
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.

General Competences

Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?

Retrieve, analyse and synthesise data and information, with the use of necessary technologies

Adapt to new situations

Make decisions

Work autonomously

Work in teams

Work in an international context

Work in an interdisciplinary team

Generate new research ideas

Design and manage projects

Appreciate diversity and multiculturality

Respect natural environment

Demonstrate social, professional and ethical commitment and sensitivity to gender issues

Be critical and self-critical

Advance free, creative and causative thinking

.....

Other...

.....

Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturality, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking

(3) COURSE CONTENT

As part of the course, the sections will be presented: Translation of biomedical research into clinical practice, the role of Biobanks in the study of Neurodegenerative Diseases, Experimental models of MS - evidence of neurodegeneration mechanisms, Spinocerebellar Ataxias, Pathogenesis of Spinocerebellar Ataxias, Down Syndrome: From the child to the adult, Mental deficiencies of children and adolescents with mental retardation

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26	
	Exams 1	
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i>	
<i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography: Special bibliography on a case-by-case basis
- Additional bibliography for study:

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	Μεταπτυχιακό		
CODE	TIMNA004	SEMESTER	1
TITLE	Modern diagnostic approach of neurodegenerative diseases		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures			
Exams			
		2	7.5000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek (Instruction, Examination)		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600199463		

(2) LEARNING OUTCOMES

Learning Outcomes
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.

General Competences <i>Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?</i>	
<i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i> <i>Adapt to new situations</i> <i>Make decisions</i> <i>Work autonomously</i> <i>Work in teams</i> <i>Work in an international context</i> <i>Work in an interdisciplinary team</i> <i>Generate new research ideas</i>	<i>Design and manage projects</i> <i>Appreciate diversity and multiculturalism</i> <i>Respect natural environment</i> <i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i> <i>Be critical and self-critical</i> <i>Advance free, creative and causative thinking</i> <i>Other...</i>
Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturalism, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking.	

(3) COURSE CONTENT

In the context of the course, the modules will be presented: the evaluation and management of disorders in visuospatial and visuoconstructive abilities, the neuropsychological evaluation in neurodegenerative diseases, the role of the neuropsychologist, the biological indicators in the CSF and in the blood of patients with neurodegenerative diseases Biomarkers-Alzheimer's disease- The contribution of Nuclear Medicine, the contribution of new technologies to the diagnosis of mental disorders, Bioethics of research-from religion to Medical privacy, research methodology-psychological research methodology.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26	Exams 1
	Total	
STUDENT ASSESSMENT <i>Description of the procedure</i> <i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	Description of the procedure: Assessment methods: Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- *Course bibliography:*

Special bibliography on a case-by-case basis

- *Additional bibliography for study:*

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNB005	SEMESTER	2
TITLE	Pharmaceutical treatment of neurodegenerative diseases		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures Exams			
		26	7.5000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek (Instruction, Examination)		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600201508		

(2) LEARNING OUTCOMES

Learning Outcomes									
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.									
General Competences									
<i>Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?</i> <table border="0"> <tr> <td><i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i></td> <td><i>Design and manage projects</i></td> </tr> <tr> <td><i>Adapt to new situations</i></td> <td><i>Appreciate diversity and multiculturality</i></td> </tr> <tr> <td><i>Make decisions</i></td> <td><i>Respect natural environment</i></td> </tr> <tr> <td><i>Work autonomously</i></td> <td><i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i></td> </tr> </table>		<i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i>	<i>Design and manage projects</i>	<i>Adapt to new situations</i>	<i>Appreciate diversity and multiculturality</i>	<i>Make decisions</i>	<i>Respect natural environment</i>	<i>Work autonomously</i>	<i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i>
<i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i>	<i>Design and manage projects</i>								
<i>Adapt to new situations</i>	<i>Appreciate diversity and multiculturality</i>								
<i>Make decisions</i>	<i>Respect natural environment</i>								
<i>Work autonomously</i>	<i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i>								

<i>Work in teams</i> <i>Work in an international context</i> <i>Work in an interdisciplinary team</i> <i>Generate new research ideas</i>	<i>Be critical and self-critical</i> <i>Advance free, creative and causative thinking</i> <i>Other...</i>
Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturalism, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking.	

(3) COURSE CONTENT

The course will include the individual sections: Pharmacological treatment of Multiple Sclerosis, neurosurgical treatment of neurodegenerative diseases. The objectives of the course are a) to expose the trainees to current therapeutic approaches and familiarize them with the indications, basic principles, outcomes and possible complications of neurodegenerative diseases and b) to refer to current research programs and cultivate proper critical thinking in pioneers' announcements.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment <i>Description:</i>	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures	26
	Exams	1
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i> <i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i> Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography:
Special bibliography on a case-by-case basis
- Additional bibliography for study:

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNB006	SEMESTER	2
TITLE	Non-pharmaceutical interventions		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures Exams			
		26	7.5000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek (Instruction, Examination)		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600201509		

(2) LEARNING OUTCOMES

Learning Outcomes
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.
General Competences

Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?

Retrieve, analyse and synthesise data and information, with the use of necessary technologies
Adapt to new situations
Make decisions
Work autonomously
Work in teams
Work in an international context
Work in an interdisciplinary team
Generate new research ideas

Design and manage projects
Appreciate diversity and multiculturalism
Respect natural environment
Demonstrate social, professional and ethical commitment and sensitivity to gender issues
Be critical and self-critical
Advance free, creative and causative thinking
.....
Other...
.....

Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturalism, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking.

(3) COURSE CONTENT

The course will include the following sections: The role of the psychologist, treatment of Anxiety Disorder, Cognitive training, the assessment of legal capacity in dementia, the assessment and treatment of impaired driving ability in dementia, the role of the occupational therapist, physical therapy protocol exercise, physical exercise in patients with motor problems in neurodegenerative diseases, therapeutic exercise programs.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26	
	Exams 1	
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i>	Description of the procedure:	
<i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	Assessment methods:	
	Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography:
Special bibliography on a case-by-case basis

- *Additional bibliography for study:*

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNB007	SEMESTER	2
TITLE	Home care - Hospital - Institutional care for patients with neurodegenerative diseases		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures Exams			
		26	5.0000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600201510		

(2) LEARNING OUTCOMES

Learning Outcomes
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.

General Competences

Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?

Retrieve, analyse and synthesise data and information, with the use of necessary technologies

Adapt to new situations

Make decisions

Work autonomously

Work in teams

Work in an international context

Work in an interdisciplinary team

Generate new research ideas

Design and manage projects

Appreciate diversity and multiculturality

Respect natural environment

Demonstrate social, professional and ethical commitment and sensitivity to gender issues

Be critical and self-critical

Advance free, creative and causative thinking

.....

Other...

.....

Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturality, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking

(3) COURSE CONTENT

The course will include the individual modules: Caring for dementia patients in the End-Stage Unit, the social stigma of neurodegenerative diseases, the National strategic plan: Building dementia-friendly communities, training-support for carers, the role of the social worker, experiential seminar for Health professionals entitled "An uninvited friend", nursing interventions for patients with dementia, communication and speech disorders.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26 Exams 1	
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i>	Description of the procedure:	
<i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	Assessment methods:	
	Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- *Course bibliography:*

Special bibliography on a case-by-case basis

- *Additional bibliography for study:*

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNB008	SEMESTER	2
TITLE	Education - Support of carers		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Lectures Exams			
		26	5.0000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600201511		

(2) LEARNING OUTCOMES

Learning Outcomes
After attending the course students will be able to: • appreciate the technological needs of health care • design protocols for implementing new systems in health care and assess/evaluate the magnitude of their success/impact • record user requirements of health care systems and collaborate with other professional groups in the design of health services • apply modern methodologies and use modern systems/technological solutions in the practice of ECEC • recognize the epidemiological - population perspective of health problems in the community, to know the possibilities of disease prevention and health promotion, through their contact with the full range of corresponding services and programs and the use of technology • apply new technologies in health care in the community, having understood the range of scientific and functional characteristics that include health promotion, disease prevention, diagnosis, treatment, rehabilitation and social reintegration • better explain the relationship between biological, psychological and social factors, as well as the expectations of patients in matters of diagnosis and management of their problems regardless of age, ethnicity and gender.

General Competences

Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?

Retrieve, analyse and synthesise data and information, with the use of necessary technologies

Adapt to new situations

Make decisions

Work autonomously

Work in teams

Work in an international context

Work in an interdisciplinary team

Generate new research ideas

Design and manage projects

Appreciate diversity and multiculturality

Respect natural environment

Demonstrate social, professional and ethical commitment and sensitivity to gender issues

Be critical and self-critical

Advance free, creative and causative thinking

.....

Other...

.....

Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturality, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking.

(3) COURSE CONTENT

Difficult behaviors in dementia and their management, living with a chronic neurodegenerative disease, the effects on the patient and his family, psychological interventions for caregivers, preparation for death.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Course Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Lectures 26	
	Exams 1	
	Total	27
STUDENT ASSESSMENT <i>Description of the procedure</i> <i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i> Written Exam with Multiple Choice Questions (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography:

Special bibliography on a case-by-case basis

- Additional bibliography for study:

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	ΜΕΤΑΠΤΥΧΙΑΚΟ		
CODE	TIMNB009	SEMESTER	2
TITLE	Stage		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
Internship			
		52	5.0000
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://qa.auth.gr/class/1/600201513		

(2) LEARNING OUTCOMES

Learning Outcomes																			
The exercise usually focuses on new technologies and new emerging markets in order to further open the hitherto narrow professional horizons of young scientists/doctors. In addition, the training of students in the real conditions of daily practice in any Structure, is their best preparation for the exercise of their profession and in general their scientific and social formation through getting to know the range of activities with the use of new technologies both in the Primary Health Care as well as in general.																			
General Competences																			
<i>Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?</i> <table border="0"> <tr> <td><i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i></td> <td><i>Design and manage projects</i></td> </tr> <tr> <td><i>Adapt to new situations</i></td> <td><i>Appreciate diversity and multiculturality</i></td> </tr> <tr> <td><i>Make decisions</i></td> <td><i>Respect natural environment</i></td> </tr> <tr> <td><i>Work autonomously</i></td> <td><i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i></td> </tr> <tr> <td><i>Work in teams</i></td> <td><i>Be critical and self-critical</i></td> </tr> <tr> <td><i>Work in an international context</i></td> <td><i>Advance free, creative and causative thinking</i></td> </tr> <tr> <td><i>Work in an interdisciplinary team</i></td> <td>.....</td> </tr> <tr> <td><i>Generate new research ideas</i></td> <td><i>Other...</i></td> </tr> <tr> <td></td> <td>.....</td> </tr> </table>		<i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i>	<i>Design and manage projects</i>	<i>Adapt to new situations</i>	<i>Appreciate diversity and multiculturality</i>	<i>Make decisions</i>	<i>Respect natural environment</i>	<i>Work autonomously</i>	<i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i>	<i>Work in teams</i>	<i>Be critical and self-critical</i>	<i>Work in an international context</i>	<i>Advance free, creative and causative thinking</i>	<i>Work in an interdisciplinary team</i>		<i>Generate new research ideas</i>	<i>Other...</i>		
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<i>Work in an interdisciplinary team</i>																			
<i>Generate new research ideas</i>	<i>Other...</i>																		
																			
Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research ideas, Appreciate diversity and multiculturality, Respect natural environment,																			

Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking.

(3) COURSE CONTENT

The coverage of the training content is achieved by:

- Theoretical training at the Department of Medicine of the AUTH through appropriately designed seminars
- Visits to practice areas
- Internship in selected bodies/units

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Laboratory Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment <i>Description:</i>	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Internship	52 hours
	Total	52
STUDENT ASSESSMENT <i>Description of the procedure</i> <i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i> Report (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography:

- Additional bibliography for study:

Course Description Form

(1) GENERAL

FACULTY			
SCHOOL			
CYCLE / LEVEL	Μεταπτυχιακό		
CODE	TIMNB0010	SEMESTER	2
TITLE	Dissertation		
Autonomous Didactic Activities		HOURS OF INSTRUCTION	ECTS
			20 erts
TYPE OF THE COURSE <i>background, general knowledge, scientific area, skills development</i>	Specific Foundation / Core		
PREREQUISITES:			
LANGUAGE OF INSTRUCTION AND EXAMINATION:	Greek English		
THE COURSE IS OFFERED TO EXCHANGED ERASMUS STUDENTS:			
URL:	https://elearning.auth.gr/course/view.php?id=16289		

(2) LEARNING OUTCOMES

Learning Outcomes		
- To get to know the basic characteristics of qualitative research and to understand its role in NN - To learn different ways of collecting qualitative data - To practice participant observation and interviews with adults - To raise awareness of methodological and practical issues that may arise from the researcher's involvement in the field he is studying - Practice analyzing and interpreting qualitative data		
General Competences <i>Taking into account the generic competences that must be acquired by the graduates of AUTH (as they are described in the Diploma Supplement and presented as followed) which ones are intended by the course?</i>		
<table style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;"> <i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i> <i>Adapt to new situations</i> <i>Make decisions</i> <i>Work autonomously</i> <i>Work in teams</i> <i>Work in an international context</i> <i>Work in an interdisciplinary team</i> <i>Generate new research ideas</i> </td> <td style="vertical-align: top; width: 50%;"> <i>Design and manage projects</i> <i>Appreciate diversity and multiculturality</i> <i>Respect natural environment</i> <i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i> <i>Be critical and self-critical</i> <i>Advance free, creative and causative thinking</i> <i>Other...</i> </td> </tr> </table>	<i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i> <i>Adapt to new situations</i> <i>Make decisions</i> <i>Work autonomously</i> <i>Work in teams</i> <i>Work in an international context</i> <i>Work in an interdisciplinary team</i> <i>Generate new research ideas</i>	<i>Design and manage projects</i> <i>Appreciate diversity and multiculturality</i> <i>Respect natural environment</i> <i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i> <i>Be critical and self-critical</i> <i>Advance free, creative and causative thinking</i> <i>Other...</i>
<i>Retrieve, analyse and synthesise data and information, with the use of necessary technologies</i> <i>Adapt to new situations</i> <i>Make decisions</i> <i>Work autonomously</i> <i>Work in teams</i> <i>Work in an international context</i> <i>Work in an interdisciplinary team</i> <i>Generate new research ideas</i>	<i>Design and manage projects</i> <i>Appreciate diversity and multiculturality</i> <i>Respect natural environment</i> <i>Demonstrate social, professional and ethical commitment and sensitivity to gender issues</i> <i>Be critical and self-critical</i> <i>Advance free, creative and causative thinking</i> <i>Other...</i>	
Apply knowledge in practice, Retrieve, analyse and synthesise data and information, with the use of necessary technologies, Adapt to new situations, Make decisions, Work autonomously, Work in teams, Work in an interdisciplinary team, Generate new research		

ideas, Appreciate diversity and multiculturalism, Respect natural environment, Demonstrate social, professional and ethical commitment and sensitivity to gender issues, Advance free, creative and causative thinking.

(3) COURSE CONTENT

The promotion of continuous and uninterrupted research on issues of diagnosis, etiology, epidemiology, pharmaceutical and non-pharmacological treatment of neurodegenerative diseases aims at further understanding of these diseases through the preparation of high-level and academically interesting postgraduate theses.

(4) DIDACTIC AND LEARNING METHODS - ASSESSMENT

MODE OF DELIVERY <i>Face to face, Distance Learning</i>	Face to face, Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Course Teaching, Laboratory Teaching, Communication with Students</i>	Use of ICT in Laboratory Teaching, Use of ICT in Communication with Students, Use of ICT in Student Assessment Description:	
COURSE ORGANIZATION <i>Lectures, Seminars, Laboratory Work, Fieldwork, Reading Assignment, Tutorial, Internship, Clinical Practice, Artistic Workshop, Interactive Teaching in Information Center, Field trips and participation in conferences/seminars /activities, Project, Written assignments, Artistic creation, Other.</i>	Activities	Workload
	Writing a Master's Thesis	
	Total	20 ects
STUDENT ASSESSMENT <i>Description of the procedure</i> <i>A, Assessment methods, Formative or Summative, Written Exam with Multiple Choice Questions, Written Exam with Short Answer Questions, Written Exam with Extended Answer Questions, Written Exam with Problem Solving, Written Assignment, Report, Oral Exams, Performance / Staging Laboratory Assignment, Clinical Examination of Patient, Artistic Performance, Other / Others</i>	<i>Description of the procedure:</i> <i>Assessment methods:</i> Report (Formative, Summative)	

(5) BIBLIOGRAPHY

- Course bibliography:

Special bibliography on a case-by-case basis

- Additional bibliography for study:

