

# UNIVERSITY OF IOANNINA SCHOOL OF EDUCATIONAL SCIENCES

# DEPARTMENT OF EARLY CHILDHOOD EDUCATION

# STUDY GUIDE

2013-2014

The **English version** of a considerable part of the **Study Guide 2013-2014** of the Department of Early Childhood Education at the University of Ioannina was produced by Evanthia Petropoulou, a Special Research and Teaching Staff member of the Department.

#### I. GENERAL BACKGROUND OF THE PEDAGOGICAL DEPARTMENT OF EARLY CHILDHOOD EDUCATION

The first University Pedagogical Departments were established according to the Law 1268/82, paragraph 46, at the Universities of Athens, Thessaloniki, Patras, Ioannina, Thrace and Crete. However, the organization and the beginning of their operation were gradually implemented, beginning from the academic year 1984-85. The Pedagogical Department of Early Childhood Education began its operation in the academic year 1987-88 and the first students graduated in 1991.

The organization and operation of Pedagogical Departments is in accordance to the Presidential Decree 320/83 and the Law 1268/82.

According to article 1, Paragraph 2 of the Law 1268/82 the mission of the Pedagogical Departments is:

- a. To cultivate and promote the Pedagogical Sciences through academic and applied teaching and research.
- b. To provide their graduates with the necessary qualification that will ensure an integral background for their scientific and professional career.
- c. To contribute to the enhancement of the level and the supply of the increasing demands of Education in relation to Pedagogy.
- d. To contribute to the treatment and the resolution of pedagogical problems in general (article 2 of P.D. 320/83).

Since 4/11/1993 the Pedagogical Department of Early Childhood Education at the University of Ioannina has become autonomous.

Heads of the Department since its establishment have been the following:

- 1. Vasileios Kyrkos for the academic year 1987-88.
- 2. Dionysios Metaxas, 5/1988 9/1988.
- 3. Georgios Ploumidis, 88-89, 89-90, 90-91 till 1/92.
- 4. Panagiotis Noutsos, from 20/1/1992 till 6/9/1994.
- 5. Apostolos Papaioannou, from 6/9/1994 till 31/8/1998.
- 6. Christos Tzoulis, from 1/9/1999 till 31/8/2001.
- 7. Apostolos Papaioannou, from 1/9/2001 till 31/8/2003.
- 8. Spyridon Pantazis, from 1/9/2003 till 31/8/2007.
- 9. Maria Kaldrymidou, from 1/9/2007 till 31/8/2011.
- 10. Vasilis Koutras, from 1/9/2011 till 31/8/2013.
- 11. Maria Sakellariou, from 1/9/2013.

In academic year 1996-97, the School of Educational Sciences was established at the University of loannina, which consists of the Pedagogical Department of Early Childhood Education and the Pedagogical Department of Primary Education.

#### 1. DEPARTMENTAL BODIES

The basic operational academic unit is the Department, which covers the subject of knowledge of a particular science, issues a uniform degree and may offer different directions or specializations. The departments that correspond to related sciences comprise a School. The Pedagogical Department of Early Childhood Education operates as an autonomous department in the context of the School of Educational Sciences.

The administrative bodies of the Pedagogical Department of Early Childhood Education, according to the law 1268/82, are: the General Assembly (G.A.) and the Head with the Deputy Head (the position of the Deputy Head has been legislated acc. to I. 1566/85). The Deputy Head replaces the Head in case of absence or inability.

The General Assembly consists of all the Academic Staff members of all grades (namely Professors, Associate Professors, Assistant Professors and Lecturers), student representatives, the participation of which must be 50% of the Academic Staff members and representatives of the Special Postgraduate Scholars in a percentage of 15% of the Academic Staff members.

The General Assembly exercises the powers foreseen by the Law 2083/92, article 4. In general terms it makes decisions about issues, such as the study program and the study regulations, the teaching appointments, the books, the distribution of finances, the advertising of new positions of Academic Staff members and any other issue concerning the Department.

Because there is no Administrative Board, due to the absence of different sectors in the Department of Early Childhood Education, all its powers are transferred to the General Assembly.

The Head of the Department convenes the General Assembly, prepares the daily schedule and presides over its meetings. He/she brings his/her proposition to the General Assembly concerning various issues within his/her power, keeps a record of scientific activity for every Academic Staff member, attends to the implementation of the decisions taken by the G.A., forms committees for the study and dispatch of certain issues, directs the Departmental services and is responsible for the execution of the decisions taken by the G.A.

The highest collective body of the University is the Senate.

The Senate consists of the Rector, the Vice-Rectors, the Deans of Schools, the Heads of the Departments, a students' representative from each Department, two representatives of postgraduate students and Special Postgraduate Scholars (S.P.S.), a representative of the assistant scientific associates, a representative of the Special Educational Staff (SES), a representative of the Special Scientific and Teaching Staff (S.S.T.S), a representative staff and six representatives of the associate professors, assistant professors and lecturers from the Departments, the grade and the rank determined by the Rector's Act number 11235/26-5-93.

The Senate's sessions are attended by the Head of Secretariat of our University without deliberative voice.

#### 3. SECTORS

The small number of ACADEMIC STAFF members at the Department of Early Childhood Education does not permit the department's division into different sectors.

#### 4. DEPARTMENT STAFF

Composition of the General Assembly of the Department

	Academic Staff Members		
	Professors	Tel.No.	E-mail
1.	Apostolopoulos Charalambos	05772	<u>chaposto@cc.uoi.gr</u>
2.	Kaldrymidou Maria	05773	<u>mkaldrim@cc.uoi.gr</u>
3.	Koutras Vasilis	05776	vkoutras@cc.uoi.gr
4.	Ladogianni Georgia		<u>gladogia@cc.uoi.gr</u>
5.	Pagge Jenny	05778	jpagge@cc.uoi.gr
	Associate Professors		
1.	Plakitsi Katerina	05771	kplakits@cc.uoi.gr
2.	Sakellariou Maria	05700	marisak@uoi.gr
3.	Triantou Ifigenia	05734	itrianti@cc.uoi.gr
	Assistant Professors		
1.	Vamvakousi Xenia		xvamvak@cc.uoi.gr
2.	Giotsa Artemis	05767	agiotsa@uoi.gr
2. 3.	Zaragas Charilaos	04301	hzaragas@cc.uoi.gr
3. 4.	Thanos Theodoros	05661	ththanos@cc.uoi.gr
<del>.</del> 5.	Karamitrou Ekaterini	05718	akaramit@cc.uoi.gr
6.	Bakas Thomas	05769	thbakas@cc.uoi.gr
7.	Papantoniou Georgia	05889	gpapanto@uoi.gr
8.	Raptis Theocharis	05735	chraptis@cc.uoi.gr
9.	Spanaki Mariana	05724	mspanaki@cc.uoi.gr
10.	1	05898	Istergiu@cc.uoi.gr
11.	8	05722	nitsi@cc.uoi.gr
	Lecturers		
1.	Sarris Dimitrios	05758	dsarris@cc.uoi.gr

Head of the Department:

Sakellariou Maria

	Special Research and Teaching	Tel.No.	E-mail
	<u>Staff</u>		
1	Ntinou Magda	05894	mdinou@cc.uoi.gr
2	Petropoulou Vanessa	05874	evapetro@cc.uoi.gr
	Special Technical and Research Staff	Tel.No.	E-mail
1.	Boukouvala Paraskevi	05779	vboukouv@cc.uoi.gr
2.	Saplaoura-Pappa Maria	05720	msaplaou@cc.uoi.gr
3.	Pyrkati Efrosyni Laboratory of Psychology	05721	epyrkati@cc.uoi.gr
4.	Katsadima Effie	05794	ekatsadi@cc.uoi.gr
	Administrative Staff – Secretariat		

Secretariat Staff		Tel.No	Fax	E-mail	
Secreta	ry:	Kourgias Konstantinos	07189	07020	gramptn@cc.uoi.gr
Staff:	1.	Koltsida Maria	09069		mkoltsida@cc.uoi.g
	2.	Athanasopoulou Evangelia	07188		evathana@cc.uoi.g

#### **5. DEPARTMENT ACTIVITIES**

#### 5.1 Department Committees

- 1. Student matters committee Bakas Thomas Thanos Theodoros Zaragas Charilaos Raptis Theocharis Students' Representative
- 2. Study program, study guide and timetable Committee Koutras Vasilis Ladogianni Georgia Plakitsi Katerina Sakellariou Maria Spanaki Mariana Stergiou Leda Giotsa Artemis Vamvakousi Xenia Zaragas Charilaos Raptis Theocharis Students' Representative

#### 3. Foreign Languages committee (French – English– German) Kaldrymidou Maria, Giotsa Artemis, Sarris Dimitris (French) Pagge Jenny, Karamitrou Ekaterini, Tistsanoudi-Malidi Nikoleta (English) Apostolopoulos Charalambos, Raptis Theocharis (German)

#### 4. Departmental Equipment Committee Vamvakousi Xenia Thanos Theoodoros Koutras Vasilis

5. Scientific Books Committee

Koutras Vasilis Thanos Theodoros Karamitrou Ekaterini Stergiou Leda Triantou Ifigenia Tsitsanoudi-Malidi Nikoletta

### 6. Yearbook Scientific and Editing Committee (2013-2014)

Head: Sakellariou Maria, Assist. Prof., Head of the Department Members: Giotsa Artemis, Assoc.Prof., Karamitrou Ekaterini, Assoc.Prof., Papantoniou Georgia, Assoc.Prof., Pagge Jenny, Professor, Plakitsi Katerina, Assist.Prof., Spanaki Mariana, Assoc.Prof., Triantou Ifigenia, Assist.Prof., Sarris Dimitrios, Lect., Tsitsanoudi-Malidi Nikoletta, Assoc.Prof. Publisher: Department of Early Childhood Education, University of Ioannina. ISSN: 2241-200X Copyright © 2011: Department of Early Childhood Education, School of Education, University of Ioannina and the individual authors. Yearbook Edition Coordinator: Spanaki Mariana Website: http://www.uoi.gr/schools/early-childhood/epetirida.htm

#### 7. Finances – Budget – Cadastral – Material Destruction Committee

Thanos Theodoros Raptis Theocharis Sakellariou Maria

#### 8. Postgraduate Studies and Doctoral Theses Committee

Apostolopoulos Charalambos Vamvakousi Xenia Zaragas Charilaos Ladogianni Georgia Papantoniou Georgia Sakellariou Maria Sarris Dimitrios Spanaki Mariana Triantou Ifigenia Tsitsanoudi-Malidi Nikoletta

#### 9. Spaces Committee Bakas Thomas Triantou Ifigenia Tsitsanoudi –Malidi Nikoletta Coordinator: Bakas Thomas

#### 10. Department Internal Evaluation Committee Internal Evaluation Team (IET) Sakellariou Maria (Chairman IET)

Sakellariou Maria (Chairman IET) Koutras Vasilis Plakitsi Katerina

#### IET Supporting Team

Apostolopoulos Charalambos Vamvakousi Xenia Bakas Thomas Spanaki Mariana Papantoniou Georgia Zaragas Charilaos

#### 11. ERASMUS Programme Committee

Department representative: Plakitsi Katerina Support Team Apostolopoulos Charalambos Ladogianni Georgia Giotsa Artemis Sakellariou Maria Spanaki Mariana Sarris Dimitris Ntinou Magda Katsadima Efthalia-Effie

#### 12. Department Website Committee

Sakellariou Maria Papantoniou Georgia Spanaki Mariana Stergiou Leda Tsitsanoudi-Malidi Nikoletta

#### 5.2 Department Representatives:

Central Library: Mariana Spanaki (permanent member) Ifigenia Triantou (deputy member)

#### 5.3 YEARBOOK of the Department of Early Childhood Studies

The edition of a scientific yearbook has been decided. Participation is allowed to Academic Staff members of the Department, formal guests, researchers and doctoral candidates that are directly or indirectly related to the Department, provided that the scientifically responsible Academic Staff member verifies the scientificness of the article.



#### 5.4 Laboratories of the Department

#### Laboratory of Special and Curative Education

According to the Presidential Decree No. 144/20.5.1996 the "Laboratory of Therapeutic and Special Education" was founded at the Department of Early Childhood Education, University of Ioannina, which serves the educational and research needs in special and therapeutic education for children, adolescents and adults, focusing on the pedagogical and psycho-pedagogical intervention in the educational, professional and social integration of people with special needs.

The term therapeutic education refers to these methods and tecniques of therapeutic intervention and support of educational and social work in places, such as the family, the regular schools, where people with special needs are also integrated (learning difficulties in writing, reading, mathematic etc., dyslexia, handicaps), the special classes, the special kindergartens, the special schools, the special professional schools, the nursing homes and the special adult services.

By decision of the General Assembly of the Department, Professor Vasilis Koutras was appointed laboratory director.

#### Laboratory of Modern Greek History and Civilization

By decision of the General Assembly of the Department of Early Childhood Education, the "Laboratory of Modern Greek History and Modern Greek Civilization" was founded at the at the Department of Early Childhood Education, University of Ioannina, which serves the educational and research needs of the Departments of the School of Educational Sciences and other Departments of the university in undergraduate and postgraduate level. Specifically, it addresses the academic field of Modern Greek History and Civilization covering the centuries of the Ottoman occupation of the Greek region, the modern and contemporary Greek state and pursuing the collaboration with all research centers and scientific foundations of Greece and abroad.

#### Laboratory of Psychology

According to Presidential Decree No. 226/1.8.2001, the Laboratory of Psychology was founded at the Department of Early Childhood Education, University of Ioannina, which serves educational, research and therapeutic needs, mainly in the academic field of children and adolescent psychology, particularly within the educational space.

By decision of the General Assembly of at the Department of Early Childhood Education, As. Professor Georgia Papantoniou was appointed as Laboratory Director.

#### Laboratory of Pedagogy

According to the Presidential Decree No. 111 the "Laboratory of Pedagogy and Teaching Methodology" was founded, which serves the educational and research needs mainly in the fields of Early Childhood Education and Teaching Applications.

By decision of the General Assembly of the Department of Early Childhood Education, Professor Maria Kaldrimidou was appointed as Laboratory Director.

#### Laboratory of Modern Technology and Distance Learning

According to the Presidential Decree No. 182, the "Laboratory of Modern Technology and Distance Learning" was founded at the Department of Early Childhood Education, University of Ioannina, which serves educational and research needs mainly in the fields of information technology, educational computer programs and scientific research methodology.

By decision of the General Assembly of the Department of Early Childhood Education, Professor Jenny Pagge was appointed as Laboratory Director.

#### II. STUDY FRAMEWORK

The prescriptive orders of the Study Guide are valid, as long as they do not contradict the University's internal regulation, which complements them, where necessary.

#### 1. LEGAL SYSTEM

#### 1.1 Study Program

(Article 24 of Law 1268/82 and modifications with Law 2188/84)

1. The Study Program contains the titles of the **compulsory**, **compulsory** elective and **oelective courses**, their content, the number of teaching hours per week, in which all teaching duties are performed, as well as the temporal sequence and interdependence of courses.

2. The Study Program is adapted to the lowest possible number of semesters required to for graduation (which cannot be less than eight), which is determined for each degree by means of a Presidential Decree that is issued following the opinion of the National Education Council and the Schools.

3. Each semester course consists of a certain number of "credit units" (c.u.). A c.u. corresponds to one teaching hour per week during a semester in the case of independent course lectures, and from 1 up to 3 hours of teaching or practical training throughout the semester for the remaining teaching duties, in accordance with the relevant decision of the Department's General Assembly. The Study Program also includes the minimum number of credit units required in order to obtain a degree.

4. The allocation of courses per semester is indicative for students and not mandatory. However, it does correspond to conditions of regular attendance, adapted to the least possible number of semesters required for graduation, as well as to the sequence of prerequisite courses and courses dependent on prerequisites. The prerequisite courses and courses dependent on prerequisites are determined during the process of formulating the study programs. Students submit a statement of elected subjects to the Departmental Secretary's Office at the beginning of each semester on the dates set by the General Assembly.

#### 5. The compulsory elective courses cover at least 1/4 of the Study Program.

6. The Department's General Assembly is responsible for formulating the Study Program. The Study Program is reviewed every April. The Head of the Department forms a Program Committee consisting of members of the Department's General Assembly with a one-year tenure, which submits a relevant proposal to the General Assembly.

7. The decision of the Department's General Assembly regarding the Study Program is made known to the Dean and the National Academy of Letters and Sciences and is published in the Study Guide of both the School and the Department.

8. The Study Program of a Department may include courses that fall within the subject areas/Sections of other Departments in the same or another School. In such cases, the assignment of teaching duties to academic staff members of that Section takes place by decision of the Deanship or the Rector's Council respectively, following a proposal by the respective Departments or Schools.

## 9. In case of failing the examination of a compulsory course, the student has to repeat its attendance in another semester.

10. All courses in the Study Program are assigned to the Section that is competent for teaching them. These courses may be taught by all the academic staff members of the Department.

11. In the event of a course that is delivered to a large audience, efforts are made to divide the respective class into smaller groups with fewer students and the teaching of the course to each group is then assigned to one academic staff member of the corresponding Section. The academic staff members who undertake such an assignment form a course Committee, which is coordinated by the academic staff member with the highest rank. The course Committee coordinates the uniformity of the teaching process in terms of the content and extent of the syllabus, exercises and examinations.

12. a) By the Senate's decision the organization of inter-school programs that lead to a separate degree is also possible. Teaching in every inter-school program is assigned with part-time employment to academic staff members of two or more Departments of the university, after relevant proposals on behalf of the Administrative Boards of those Departments.

b) The Senate appoints a five-member Administrative Committee from academic staff members that participate in the inter-school program, in which the Dean of the School with greater participation in the program, participates as the Head.

c) The Administrative Committee has the responsibilities of a Department's Administrative Board, while the Senate has the responsibilities of the General Assembly concerning the Study Program, the allocation of teaching duties and the allocation and specification of duties of Special Postgraduate Scholars.

#### 1.2 Study Regulations

(Article 25 of Law 1268/82)

• The academic year begins on 1st September every year and ends on 31st August of the following year.

The teaching assignment of every academic year is structured into two semesters.

• The cessation of teaching duties as well as of the general operation of the University, apart from the provisions of the Law, is possible with a decision made by the Senate and only in special cases.

• If for any reason the number of teaching hours that were conducted in a given course is less than the hours determined in the program for the working days of the corresponding semester, then it is considered that the course in question was not concluded.

• University regulations determine issues regarding the ability to organize and run summer semesters for purposes of fast-track teaching and the completion of the semester's syllabus.

• In the event that a student fails in a compulsory elective course, he is obligated to either retake the course in the following semesters, or replace it with another compulsory elective course.

• Students are considered to have completed their studies and obtain their degrees once they have passed all of the required courses and once they have obtained the necessary number of credit units.

• Issues regarding the type of degrees that are awarded and the grading of graduates are set out in the University regulations.

• The evaluation of students' performance takes place on the basis of a final written or oral examination, which is held after the end of the semester. The instructor may exempt students from the final examination, provided that adequate and repeated assessment has taken place throughout the semester, and on the condition that the smooth running of the Department's study program is not disrupted.

• In the event that a student fails in a compulsory course, he is obligated to retake the course in the next semester in which it will be taught.

• Students are considered to have completed their studies and obtain their degrees once they have passed all of the required courses and once they have obtained the necessary number of credit units. The method used to calculate the degree grade for students who have entered Greek universities from the academic year 1983-1984 and onwards is determined by decision of the Minister of National Education and Religious Affairs.

The attendance of courses, tutorial sessions, laboratories, etc. on the part of the students takes place in accordance with the timetable and the regulations of the relevant Department. Both undergraduate and postgraduate students are entitled to make use of the laboratory facilities, libraries, seminar rooms and other equipment of the relevant Departments, in accordance with that which is stipulated in theUniversity regulations or with the decisions of each Department. The attendance of seminars, laboratories, tutorials, clinical and teaching exercises, as well as field studies may be compulsory for students, by decision of the Department's General Assembly, following proposals made by the relevant Sections. Deviations are allowed, provided there are serious reasons. In the case of courses that are carried out in the form of a seminar, instructors may define the students' special obligations (type of research paper, regular attendance of the course, proposals). Special care is taken, on the responsibility of the Department's Head, in order to facilitate the attendance of courses by students with disabilities. Following the interested party's oral or written request, the instructor may determine the way in which the student will be examined. During the formulation of the recommended study programs and allocation of courses per semester, care was taken, in view of the special conditions existing in each Department, to ensure that the overall workload of students, in terms of attendances and tutorials, does not exceed twenty-four hours per week, or thirty-two hours per week, in terms of attendances, laboratories, tutorials and exercises.

• The courses in the undergraduate study programs are taught according to the timetable that is drawn up by the Department's Administration, with the responsibility of the Head or the Deanship. The timetable includes the allocation of the course teaching hours to the five working days, the instructors and the lecture rooms, and is announced by the Department's Administration at the beginning of each semester.

#### Provision of books

All students receive free books (textbooks, reference books, notes) for every course. The books are distributed by the Sections or by the instructors themselves at the beginning of each semester, based on the statement of elected courses that the student has submitted for that semester.

• The teaching assignments are complemented by the corresponding textbooks or other reference books, which are provided to students free of charge, as well as by ensuring that students are informed of and have access to the relevant Greek and foreign literature.

• By decision of the Minister of National Education and Religious Affairs which was published in the Government Gazette, following the opinion of the Senates of all HEIs the following have been determined: the process and details regarding the publication and distribution of university textbooks to all HEIs in the country, as well as the terms and processes pertaining to the compensation of the authors, and- the processes and details regarding the free printing of doctoral theses. The opinion of the Senates of the HEIs

must be forwarded to the Ministry of National Education and Religious Affairs within an exclusive deadline of thirty days from the submission of the relevant question. The measures determining the cost of printing books in the two previous sub-paragraphs are determined by the decisions made by the board of directors of the Textbook Publishing Organisation during the first half of January every year.

(Article 9 of Law 2083/92)

• Each semester includes at **least thirteen (13) full weeks** of teaching and a corresponding number of weeks for examinations. There **are three examination periods**: January/February, June and **September**. The examination period lasts for three (3) weeks in the September and January/February periods, and for two (2) weeks in the June period.

• The first semester (winter semester) **begins in the second half of September** and the second semester (summer semester) ends in the **first half of June.** The exact dates are determined by the Senate. In exceptional cases the Minister of National Education and Religious Affairs, following a proposal of the Senate, adjusts the beginning and the end of the two semesters outside the set dates in order to make up for the number of weeks referred to in paragraph 3.

• Students who have completed the determined minimum number of semesters are able to sit examinations in September, January/February as well as June in the courses that they had registered for up until their last statement of elected courses, regardless of whether these are taught in the winter or spring semester. This regulation applies to all students, independently of the number of courses that they still need to pass in order to graduate.

• Should a student fail in the examination of any course at least four (4) times, then the Departmental Board may, following the student's application and taking into consideration any additional requirements, which are provided for in the Department regulations, appoint a three-member re-examination committee in which it is mandatory that the examiner participate.

• Once the minimum duration of undergraduate studies of a Department, increased by an additional two (2) years, has passed, students shall no longer be entitled to any student benefits such as hospital and health care, achievement scholarships, support scholarships and loans, free board, accommodation and provision of textbooks or other reference books, transport facilitation, etc.

#### Semester Duration – Examination Periods

(Article 16 of Law 3549/2007)

- 1. Since academic year 2007-2008, each semester lasts for at least thirteen (13) complete teaching weeks for the Universities, which cover a minimum number of credit units. Should the minimum number of teaching weeks and credit units not be completed in a particular course, then the course is considered as not taught and cannot be examined. In the event of examination of a non-taught course, in the sense of the above paragraph, the examination is non-valid and the mark is not considered for graduation. According to a decision of the Senate for Universities, after a proposal of the Department's General Assembly, the semester duration may be extended for up to two weeks, so that the minimum required number of teaching weeks is completed. In the Study Program there cannot be a course with fewer that two credit units.
- 2. Since academic year 2007-08, every university course is examined at the end of the semester it was taught and moreover in the September exam period.

#### Maximal duration of Study – 3-member examining committees

#### (Article 14 of law 3549/2007)

1. a) Since academic year 2007-2008, the maximal duration of undergraduate study cannot surpass the minimum number of semesters required for graduation, according to the Study Program of the Department, increased by 100%. In exceptional cases, it is possible, with the Senate's decision for Universities, after a completely justified proposal of the Department's General Assembly and the student's relevant application, to extend the applicant's maximal duration of study for up to two (2) semesters.

1.3

- 1. Students moving among Greek and congeneric foreign universities in the context of inter-university educational or research cooperation programs are registered as guest students at the host universities. Free-moving students are registered as guest students when they are accepted by the host university. The guest students have the same rights and obligations with the students of the host university for the whole duration of their study at the host university, according to the approved cooperation programs.
  - 2. The guest students are not entitled the right for graduation at the host university, unless the award of a common degree between the cooperating universities is foreseen by the inter-university cooperation program, in the context of which, the guest students move to the host university. The above constraint does not concern the issue of study certificates, or other non-academic degrees, related to the duration of the guest students' study and is in accordance with the conditions of the relevant internal laws.

3. As far as students registered in Greek universities are concerned, teaching credits, study time, successful course attendance and examination marks at the host university are taken into consideration, are transferred and are considered to have been attained at the original university, provided that the respective courses belong to an approved cooperation program. In the case of free-moving students, permission is granted by the General Assembly of the Department, which decides accordingly.

#### STUDY REGULATION OF THE DEPARTMENT OF EARLY CHILDHOOD EDUCATION

#### Article 3

Courses are divided in three categories: **compulsory, compulsory elective** and **elective courses**. The difference between compulsory and compulsory elective courses is the following: **compulsory courses** cannot be substituted in case of exam failure and the student is obliged to register for the relevant course and repeat attendance in a following semester. The compulsory elective courses, after an exam failure may be substituted with other courses of the same category. The latter is valid also for elective courses.

The award of a graduation degree requires the successful attendance of 55 courses and the accumulation of 165 teaching credits. The students have to successfully attend the 20 compulsory courses, 15 compulsory elective and 20 elective courses of their choice.

The 15 compulsory elective courses have to be equally distributed in the following modules (3 from each): 1. Pedagogy, 2. Psychology – Special Education, 3. Natural Sciences in Education, 4. General Education, 5. Art ans education.

The 20 elective courses can be selected either from the list of elective courses, or from the list of compulsory elective courses, provided that they have not been selected as compulsory elective courses. Every student can select from the compulsory elective and elective courses offered in the semester of their registration and following after.

Achievement marks are expressed in a scale of whole numbers from one (1) to ten (10).

#### Article 15 **Practical Training**

During their undergraduate study the students of the D.E.C.E. carry out Practical Training in the kindergartens of the area. The Practical Training is carried out in the context of specialized courses and is obligatory.

Specifically the practical training is carried out in the context of the following courses:

- 1. Teaching Applications II, tutored by M.Sakellariou and in collaboration with a teacher appointed at the department.
- 2. Teaching Matchmatics II, tutored by X.Vamvakousi and in collaboration with a teacher appointed at the department.
- 3. Science Education at Preschool II, tutored by K.Plakitsi and in collaboration with a teacher appointed at the department.
- 4. ICT in Education, tutored by J. Pagge and in collaboration with a teacher appointed at the department.

The preparation and realization of the Practical Training sessions includes:

#### Teaching Applications II

Practical training for a month, carried out in the 8<sup>th</sup> semester of study, in the context of the compulsory course Teaching Applications II. However, the preparation starts considerably earlier, in the 3<sup>rd</sup> semester. Specifically:

3<sup>rd</sup> Semester: Attendance of a public kindergarten's daily schedule in the city of Ioannina, for a week.

5<sup>th</sup> & 6<sup>th</sup> Semester: Attendance of the daily schedule of the Experimental Kindergarten at the University of Ioannina, for a week.

7<sup>th</sup> Semester: The preparation is continued with the attendance of the laboratory exercise of the course Teaching Applications I (3 hours per week) and the seminars. (4 hours per week).

Realization: The Practical Training is carried out in the 8<sup>th</sup> semester in the context of the the course Teaching Applications II. Its duration is 4 weeks. The first week includes teaching practice based on a program – guide of activities for a week. In the following 3 weeks specific topic is treated through an interdisciplinary approach according to the Interdisciplinary Study Program. The topic of the project emerges from the children's class team in collaboration with the teachers.

At the end of the session, a portfolio is delivered by the students containing the entire course of the project, realized in the context of the practical training (for a month) and the whole course is assessed also by the written exam in June.

The material of the laboratory exercises and the specialized activities are available online (<u>http://ecourse.uoi.gr/</u>).

#### Teaching Mathematics II:

The practical training is carried out in the spring semester (6<sup>th</sup> semester of study) in the context of the course Teaching Mathematics II and the preparation begins in the 5<sup>th</sup> semester in the context of the course Teaching Mathematics I.

Preparation: Laboratory exercise of 1 hour for a week (2 semesters).

Realization: The duration of the Practical Training is 2 weeks. The first week includes attendance and recording of activities related with mathematical concepts and processes. The second week includes teaching management of special activities on mathematical concepts, prepared in the context of the laboratory exercises. At the end, an assignment of recording-analysis of the practical training is delivered, which forms part of the students' assessment for the course Teaching Mathemetics II.

#### Science Education at Preschool I & II:

The practical training is carried out consecutively in two areas: the department laboratories and the schools of the city of loannina. It begins in the 5<sup>th</sup> semester of study in the context of the course Science Education at Preschool I. The students are divided in teams and exercise in the laboratry of Natural Sciences every week for 2 hours, in addition to the 3-hour lecture of the course. The laboratory exercises are continued in the spring semester (6<sup>th</sup> semester) in the context of the course Science Education at Preschool II. After the completion of the laboratory exercises, the students are divided in pairs and undertake the teaching of a topic from those they exercised in the laboratory. In collaboration with the tutor, they design a teaching scenario, take care of, construct or develop the teaching material the will need. They choose a specific kindergarten for their practical training and communicate with the class teacher for a first contact with the toddlers. Subsequently, they carry out their practical training in the classroom.

5<sup>th</sup> Semester: It includes a weekly laboratory exercise of 2 hours in multi-purpose classroom of the department and in the classroom of Teaching Natural Sciences.

6<sup>th</sup> Semester: The duration of the Practical Training in Schools is 2 weeks. The first week includes monitoring and recording of activities that involve concepts and processes of natural sciences. In the end, an assignment of recording-analysing of the practical training is delivered, which forms part of the students' assessment in the course Science Education at Preschool II.

The material of the laboratory exercises and the specialized activities are available online (http://ecourse.uoi.gr/)

#### ICT in Education

The practical Training carried out in the 6<sup>th</sup> semester in the context of the course "ICT in Education " aims at the students' familiarization and use of Information Technology and New Technologies in educational curricula and particularly on a practical level, in the classroom of the kindergarten, always in accordance with the curriculum. The successful attendance of the laboratory exercises of the course "Introduction to Infromation Technology and Education – New Technologies" is considered a prerequisite.

The practical training is carried out in the end of the semester in which the course is offered and the students apply activities relted with the use of Information Technology at the Kindergarten, in the course of 2 weeks.

More specifically, the practical training is structured as follows:

- 1. Preparation: It includes participation with presentations and team exercises.
- 2. Activity design and organization: It includes the attendance of weekly laboratory exercises and seminars.
- 3. Realisation: The duaration is 2 weeks. The first week includes teaching applications, based on a program guide of activities with New Technologies. The second week includes the completion of the practical training in the use of New Technologies in Education and the preparation of a portfolio.

At the completion of the practical training, the students prepare the relevant course portfolio and deliver it to the tutor. Part of the material of the laboratory exercises and activities are available online (<u>http://ecourse.uoi.gr</u>).

#### Article 19 ERASMUS Intensive Programs (I.Ps)

The Intensive Programs are multi-national teaching programs of short duration. Their aim is to bring together academic staff members and students from different countries, in order to work together in a multicultural

setting. Since 2009-2010 the Department is hosting an I.P. titled "Light". Courses of two-week duration are carried out at the university during/after the spring semester and are attended by students and academic staff members from seven Universities:

- 1. University of Ioannin Greece (Coordinator)
- 2. University of Cyprus Cyprus
- 3. Universita degli Studi di Napoli Federico II- Italy
- 4. Technische Universiteit Eindhoven The Netherlands
- 5. Hoegskolan I Kalmar Sweden
- 6. Universidade do Minho Portugal
- 7. St. Patrick's College (a college of Dublin University) Ireland.

The course language is English. The conditions for participation, the selection criteria for students, the course program and other relevant information are announced every year on the websites of the Department and the University. The attendance to the I.P. grants 3 teaching credits and 5 ECTS to each student, and equals to the successful attendance of an elective course.

From the academic year 2013-14 and onwards an Erasmus I.P. under the title Social Relations in Schools (SRS) is going to be offered. It is a multi-national – multidisciplinary academic course in collaboration with 6 other European Universities:

- 1) Linnaeus University Sweden (Coordinator)
- 2) University of Ioannina D.E.C.E. (coordinator for the University of Ioannina)
- 3) Orleans University France
- 4) Don Bosco University Spain
- 5) University College Sjaelland Denmark
- 6) Hogeschool Edith Stein Netherlands
- 7) Pädagogische Hochschule Wien Austria.

The international course is going to be offered every June in Sweden at the Linnaeus University. The selected students from the D.E.C.E. and the University of Ioannina are going to be accompanied by their tutors. The course language is English. The terms for participation, the students' selection criteria, the course program and other related issues are uploaded every year on the Department's and the University's websites. The attendance to the program grants 3 teaching credits and 3 ECTS and equals to the successful attendace of an elective course.

### STUDY PROGRAM FOR THE ACADEMIC YEAR 2013-2014

55 COURSES ARE REQUIRED FOR GRADUATION

- 20 COMPULSORY
- 15 COMPULSORY ELECTIVE (C.E.)
- 20 ELECTIVE (E.)

The student chooses as follows:

A) the 20 compulsory courses

- B) 15 courses from the category C.E.
- C) 20 courses from categories C.E. or E.

#### STUDY PROGRAM COURSES

#### COMPULSORY COURSES

ΝΥ101α	Introduction to Pedagogy
ΠNY404	History of Modern Greece and Modern Greek Civilization I
ΠNY201	Introduction to Psychology - Cognitive Processes
ΠNE224	Introduction to Childrens' Psychopathology – Special Education
ΠΝΕ141	Intercutural Education – Teaching Applications
ΠΝΕ 421	Theatre Education
ΠNY205	Social Psychology
ΠNY405	Literary Theory
ΝΥ508α	The discipline of Art and Fine Arts
ΠNY425	Health Education I
ΠNE443	Myth & Mythology
ΝΥ106α	Teaching Mathematics I
ΠNY410	Philosophy of Education I
ΠΝΕ148	Science Education at Preschool I
ΠNY130	Preschool Pedagogy – Modern Teaching Proposals
ΠNY308	ICT (Information & Communication Technology) in Education
ΝΥ418α	Chidren's Literature
ΠΝΕ143	Educational Management and Administration
ΝΥ114α	Teaching Applcations I
ΝΥ117α	Teaching Applications II

#### COMPULSORY ELECTIVE COURSES

#### I. Module of Pedagogy

ΠΝΕ140	Introduction to Intercutural Education
ΠΝΕ142	Introduction to Educational Policy
ΠΝΕ144	Organisation and Operation of the Kindergarten
ΠEY302	Didactic Methodology of Motor Education Activities
ΝΥ104α	Early Childhood Education – Teaching Approaches
ΠΝΕ150	Social Learning and Early Childhood Education
ΠNY412	Philosophy of Education II
ΠΝΕ151	Philosophical and Pedagogical Anthropology

#### II. Module of Psychology – Special Education - Health

ΠEY200	Motor Education and Learning
ΠNY203	Psychophysiology I
ΠNE225	Family system dynamics through children's drawings
ΠNE220	Cognitive Psychology I
ΠNY215	Clinical Psychology
ΠNE221	Cognitive Psychology II
ΠNE228	Counselling in Special Education

ΠNE414	Elements of Pediatrics
ΠNY214 E.Y.	Systematic consideration of the Family

#### III. Module of Science in Education

Introduction to ICT in Education
Introduction to Computational Statistics
Pre-toddler and Toddler Mathematics
Social Science Statistics
Teaching Mathematics II
Science Education at Preschool II
Topics of Teaching Mathematics at Preschool
Topics in Science Education

#### IV. Module of General Education Courses

ΠEY100	Introduction to the Greek Language and Linguistics
ΠEY101	Introduction to Educational Sociology
ΠEY311	Modern Greek Literature: Children's theatre in Greece. History and Texts
ΠΝE437	International Fairytales
ΠΝΕ312	Educational Research Methodology
ΠΝΕ441	Modern Greek Mythology
ΠNE433	Modern Greek Fiction
ΠEY102	Lyricism and Experience
ΠEY600	Language Education at Preschool and Educational Approach
	Sociology of Greek Education

 ΠΕΥ601
 Sociology of Greek Education

#### V. Module of Art and Education

NE503α	Introduction to Fine Arts: Theory and Practice
NE506α	Painting:Theory and Practice
ПЕҮ300	Introduction to Music Education: Early Childhood Applications
ΠΝE434	Modern Greek Literature (The Generation of 1930's)
ΠNE438	Dramatization – Theatre Expression, Rhythm and Motion in the Preschool Age
ΠEY602	Creative Music Education in Practice
ПNE439	Theatre Play

#### **Elective Courses**

ΠNE506	Theatre Education and Practice
ΠNE129	Modern Trends in Early Childhood Education
ΠNE402	Introduction to Philosophy
NE403α	Ethology - Biology
ПNE435	Introduction to Children's Literature and the short narrative
ПNE313	Introduction to the Natural Sciences
ПNE304	First Notions of Mathematics

ПNE444	Gender in Children's Literature
ПNE401	Modern Greek Poetry
ПNE601	Development Issues of Motor Learning
ΠNY202	Developmental Psychology
ПNE500	School Delinquency – School Mediation: Sociological Approach
ПNE404	Milestones in the History of Music and Music Education
ПNE700	The Greek Language and Media: Educational Applications at Preschool
ПNE446	Philosophy and Education in Ancient Greece
ПNE147	Museum Education
ПNE305	Educational Software Programs I
ПNE405	The Greek Language and its History
ΠNY204	Educational Psychology
ПNE400	Sociological Theory and Practice
ΝΥ115α	History of Mdern Greek Education I
ПNE122	Pedagogical Counselling
NE415α	History of Philosophy
ΝΥ510α	Modern and Contemporary Art: Theory and Practice.
ПNY206	Psychology of Special Children
ПNE409	Environmental Pollution
ПNE207	Psychophysiology II
ПNE315	Topics in the Methodology of Educational Research
ПNE310	Educational Software Programs II
ПNE502	Musical Instruments at Preschool
ПNE5001	Physical Education Theories: Pedagogical and Sociological Dimensions
ПNE507	Literature and Narration at Preschool: Theoretical Issues and developent of practical
applications	
ΠΝΕ407	History of Modern Greece and Modern Greek Civilization II
ΠNE226	Parent Counselling
ΠNE133	Activities and Educational Material In Mathematics
ΠNE222	Psychology of Motives
ΠNE804	Children Narrators in Literature
ΠNE138	Language and Social Processes
ΠNE317	Contemporary Curricula of Early Childhood Education
ΠNE229	Issues of Cognitive and Educational Psychology: Self-regulation and Self-regulated
Learning	
ΠΝΕ137	The Role of Museum in Science and Technology
ΠΝΕ145	Human Resources Management in Educational Systems
ΠNE227	Assessment and Intervention Programs in Special Education
ΠNE702	Introduction to Entepreneurship
ПNE805 Е	Historical Evolution of the Greek Educational System
ΠNY119	History of Modern Greek Education II
ΠΝE422	Health Education II

ΠNE139	Society and Culture
ΠNE126	Environmental Education
ПNE316	Development of Distance Learning Information Systems
ΠNE802	Design and Assessment of Teaching Mathematics at Preschool
ПNE803	Special Issues of Entepreneurship

#### ENGLISH

There are 4 available courses, 2 compulsory ones for graduation, English Terminology and Texts of Early Childhood Education I & II (NY611A) & *II* (NY612A), and 2 elective ones, English I & II, that prepare the students for the compulsory ones. The electiveon course are offered in the first year of study, while the compulsory ones in the second year of study.

#### FRENCH

There are 5 available courses and equivalent levels: French Beginners I, French Beginners II, French Intermediate I, French Intermediate II, French Competence, offered by the Department of Primary Education. The students can choose among these, according to their knowledge and after contact made with the tutor, Aglaia Siouti (e-mail: <u>asiouti@cc.uoi.gr</u>).

#### GERMAN

There are 5 available course and equivalent levels, German Beginners I, German Beginners II, German Intermediate I, German Intermediate II, German Competence, offered by the Department of Primary Education. The students can choose among these, according to their knowledge and after contact made with the tutor, Fering Maria (e-mail: <u>mfehring@cc.uoi.gr</u>).

## **COMPULSORY COURSES PROGRAM**

## FOR STUDENTS BEGINNING THEIR STUDY AT THE D.E.C.E. FROM THE ACADEMIC YEAR 2008-2009 AND LATER

20 COMPULSORY COURSES OFFERED

SEMESTER	I I		
COURSE CODE		COURSE	TUTOR
NY101α	С	Introduction to Pedagogy	M.Sakellariou &
ΠNY404	С	History of Modern Greece and Modern Greek Civilization I	
ΠNY201	С	Introduction to psychology – cognitive processes	G. Papantoniou
SEMESTER	п		
COURSE		COURSE	
CODE			TUTOR
ΠNE224	С	Introduction to children's psychopathology – Special Education	D. Sarris
ПNE141	С	Intercultural Education – Teaching Applications	L. Stergiou
ΠNE421	C	Theatre Education I	Ek. Karamitrou
SEMESTER	III		
COURSE CODE		COURSE	TUTOR
ПNY205	С	Social Psychology	A. Giotsa
ПNY405	C	Literary Theory	I. Triantou
ΝΥ508α	C	The discipline of Art and Fine Arts	
SEMESTER	IV		
COURSE CODE		COURSE	TUTOR
ΠNY425	С	Health Education I	V. Koutras
ΠNE443	С	Myth & Mythology	G.Ladogianni
SEMESTER	v	COURSE	
CODE			TUTOR
ΝΥ106α	С	Teaching Mathematics I	X. Vamvakoussi
ΠNY410	С	Philosophy of Education I	Ch. Apostolopoulos
ΠΝΕ148	С	Science Education in Preschool I	K. Plakitsi
ENY130	с 	Preschool Pedagogy – Contemporary Teaching Proposals	M.Sakellariou
COURSE		COURSE	TUTOR
ΠNY308	С	ICT in Education	P. Pagge
ΝΥ418α	C	Children's Literature	M. Spanaki
ΠΝΕ143	С	Educational Management & Administration	T. Bakas
SEMESTER	VII		
COURSE CODE		COURSE	TUTOR
NY114α	С	Teaching Applications I	M.Sakellariou
SEMESTER			
COURSE CODE		COURSE	TUTOR
	_		

ΝΥ117α	С	Teaching Applications II	M. Sakellariou	
--------	---	--------------------------	----------------	--

## COMPULSORY ELECTIVE COURSE PROGRAM

## FOR STUDENTS BEGINNING THEIR STUDY AT THE D.E.C.E. FROM THE ACAD.YEAR 2008-2009 AND LATER

THE STUDENT MUST ATTEND AT LEAST 15 COURSES (3 FROM EACH MODULE) UNTIL GRADUATION

COURSE CODE		COURSE	TUTOR		,	MEST	ERS	OF	FER	ED	
	1			1	2	3	4	5	6	7	8
		MOD	ULE OF PEDAGOGY			•				•	
ПNE140	CE	Introduction to Intercultural Education	L. Stergiou	x		x		x		x	
ПNE142	CE	Introduction to Educational Policy	Not available in 2013-2014	x		x		x		х	
ПNE144	CE	Organisation & Operation of the Kindergarten	T. Bakas		х		x		х		х
ПЕҮ302	CE	Didactic methodology of motor education activities	Ch. Zaragas			х		x		x	
ΝΥ104α	CE	Early Childhood Pedagogy - Teaching Approaches	M. Sakellariou				x		х		х
ПNE150	CE	Social Learning and Early Childhood Education	Not available in 2013-2014						х		х
ΠNY412	CE	Philosophy of Education II	Ch.Apostolopoulos						х		х
ПNE151	CE	Philosophical and Pedagogical Anthropology	Not available in 2013-2014							х	
		MODULE OF PSYCHOL	OGY, SPECIAL EDUCAT		& HE	ALTH	I				
ПЕҮ200	CE	Motor education and learnin	g Ch. Zaragas		x		x		х		х
ПNY203	CE	Psychophysiology I	V. Koutras			x		x		х	
ПNE225	CE	Family System Dynamics in Children's Drawings	A. Giotsa			x		x		x	
ПNY220	CE	Cognitive Psychology I	G.Papantoniou				x		х		х
ПNY215	CE	Clinical Psychology	D. Sarris				x		х		х
ПNY221	CE	Cognitive Psychology II	Not available in 2013-2014					x		х	
ПNE228	CE	Counselling in Special Education	D. Sarris					x		x	

#### COMPULSORY ELECTIVE COURSE LIST (CE)

	r			1			1				
ΠΝΕ414	CE	Elements of Pediatrics	V. Koutras						х		х
ΠNY214	CE	Systematic Consideration of the Family	A. Giotsa								х
		MODULE OF NATUR	AL SCIENCES IN ED	UCA	ΓΙΟΝ						
ПNY302	CE	Introduction to ICT in Education	Not available in 2013-2014	x		x		x		x	
ПNY303	CE	Introduction to Computational Statistics	Not available in 2013-2014		х		х		х		х
ПЕҮ 301	CE	Mathematics for Pre-toddlers and Toddlers	X. Vamvakoussi			х		х		х	
ПNE 306	CE	Social Science Statistics	Not available in 2013-2014			х		х		х	
NY109α	CE	Teaching Mathematics II	X. Vamvakoussi						х		х
ПNE 149	CE	Science Education at Preschool II	K. Plakitsi						х		х
NE116α	CE	Topics in Teaching Mathematics at Preschool	Not available in 2013-2014							х	
ПNE136	CE	Topics in Science Education	K. Plakitsi								х
		MODULE OF GENE	RAL EDUCATION CO	OURS	ES						
ПЕҮ100	CE	Introduction to the Greek language and linguistics	N.Tsitsanoudi - Mallidi	x		х		x		х	
ПЕҮ101	CE	Introduction to Educational Sociology	Th. Thanos	x		x		x		х	
ПЕҮ311	CE	Modern Greek Literature: Children's Theatre in Greece. History and Texts	G.Ladogianni			x		х		x	
ΠNE437	CE	International Fairy Tales	M.Spanaki			х		х		х	
ПNE312	CE	Educational Research Methodology	Ch. Zaragas, Th. Thanos & L. Stergiou			x		x		x	
ПNE441	CE	Modern Greek Mythology	Not available in 2013-2014				х		х		х
ПNE433	CE	Modern Greek Fiction	I.Triantou					x		x	
ПЕҮ102	CE	Lyricism and Experience	G.Ladogianni					x		x	

ПЕҮ600	CE	Language education in kindergarten and communicative approach		Tsitsanoudis - allidis							x		х
ПЕҮ601	CE	Sociology of Greek Education	Tł	n. Thanos							х		х
		MODULE OF	AR	T AND EDUCATION	ı	<u>.</u>		<u>.</u>					
NE503α	CE	Introduction to Fine Arts: Theor & Practice	У	Not available in 2013-2014		х		x		х		х	
NE506α	CE	Painting: Theory & Practice		Not available in 2013-2014			х		x		х		х
ПЕҮ300	CE	Introduction to music education applications in early childhood	ı —	Th. Raptis				x		х		х	
ПNE434	CE	Modern Greek Literature (the Generation of the 1930s')		I. Triantou					x		х		х
ПNE438	CE	Dramatization, Theatre Expression, Rhythm and Movement in the Pre-school Ag	je	E.Karamitrou						х		х	
ПЕҮ602	CE	Creative music education in practice		Th. Raptis							х		х
ПNE439	CE	Theatre Play		Ek .Karamitrou									х

## **ELECTIVE COURSES PROGRAM**

## FOR STUDENTS BEGINNING THEIR STUDY AT THE D.E.C.E. FROM THE ACAD.YEAR 2008-2009 AND LATER

THE STUDENT ATTENDS 20 ELECTIVE COURSES IN TOTAL UNTIL GRADUATION. THESE ARE SELECTED EITHER FROM THE CATEGORY OF ELECTIVE COURSES (E) OR FROM THE CATEGORY OF COMPULSORY ELECTIVE COURSES (CE)(BEYOND THE 15 SELECTED)

COURSE CODE		COURSE	TUTOR	SE	MES	STERS	6 OFF	ERE	ED		
				1	2	3	4	5	6	7	8
ПNE506	E	Theatre Education & Practice	E.Karamitrou	х		х		х		х	
ПNE129	Е	Contemporary Trends in Early Childhood Education	Not available in 2013-2014	x		x		x		x	
ΠΝE402	E	Introduction to Philosophy	Ch. Apostolopoulos	х		х		х		х	
NE403α	Е	Ethology - Biology	V. Koutras	х		х		Х		х	
ΠNE435	E	Introduction to Children's Literature and the Short Narratives	M.Spanaki	x		x		x		x	
ΠΝΕ313	E	Introduction to the Natural Sciences	Not available in 2013-2014		х		х		х		х
ΠΝΕ304	Е	First Notions of Mathematics	Not available in 2013-2014		х		х		х		х
ΠΝE444	Е	Gender in Children's Literature	M. Spanaki		х		х		х		х
ΠΝE401	Е	Modern Greek Poetry	I. Triantou		х		х		х		х
ПNE 404	Е	Milestones in the history of music and music education	Ch. Raptis		х		х		х		x
ПNE601	Е	Development issues of motor learning	Ch. Zaragas		х		Х		х		х
ПNE500	E	School Delinquency- School Mediation: Sociological Approach	Th.Thanos			x		x		x	
ПNE700	E	Greek language and media: Educational applications in kindergarten	N.Tsitsanoudis - Mallidis			x		x		x	
ПNE446	Е	Philosophy and Education in Ancient Greece	Not available in 2013-2014			х		x		х	
ΠΝΕ147	E	Museum Education	Not available in 2013-2014			х		х		х	
ПNE305	E	Educational Software Programs I	Not available in 2013-2014			х		х		х	
ΠNE405	Е	Greek language and its history	N.Tsitsanoudis - Mallidis				х		х		Х
ΠΝΕ 204	Е	Educational Pchychology	G. Papantoniou				х		х		х
ПNE400	E	Sociological Theory and Education	Th. Thanos				х		х		х
NE103α	E	Pedagogical Theories of 20th century	Not available in 2013-2014				Х		х		х
NY115a	E	History of Modern Greek Education I	Not available in 2013-2014								
ΠΝΕ 122	E	Councelling in Education	Dept. of Primary Education				Х		х		х

### ELECTIVE COURSE LIST (E)

			Ch.						
NE415α	E	History of Philosophy	Apostolopoulos		Х		Х		Х
NY510α	E	Modern and Contemporary Art: Theory & Practice	Not available in 2013-2014		x		x		х
ΠNY206	Е	Psychology of Children with Special Needs	Not available 2012-2013		х		х		х
ΠNE409	Е	Environmental Pollution	Dept. Of Chemistry		х		Х		х
ΠNE207	Е	Psychophysiology II	V.Koutras		х		Х		х
ΠNE315	Е	Topics in Educational Research Methodology	K. Plakitsi & G. Papantoniou			х		х	
ΠNE310	Е	Educational Software Programs II	Not available in 2013-2014			х		х	
ΠNE502	E	The musical instruments at Preschool	Ch. Raptis			x		х	
ПNE501	E	Physical education theories – educational and sociological dimensions	Ch. Zaragas			x		x	
ΠNE507	E	Literature and Narration at Preschool: Theoretical Issues and development of practical applications	lf.Triantou			x		x	
ΠΝE407	E	History of Modern Greece and Modern Greek Civilization II	Not available in 2013-2014			x		х	
ΠNE226	Е	Parental Counselling	A. Giotsa				х		х
ΠNY202	Е	Developmental Psychology	Dept. of Primary Education				х		х
ΠNE804	Е	Children as Narrators in Literature	G.Ladogianni				Х		Х
ΠNE138	Е	Languages and Social Processes	L. Stergiou					х	
ΠΝΕ317	E	Contemporary Programs of Early Childhood Education	Not available in 2013-2014					х	
ПNE229	E	Themes in Cognitive and Educational Psychology: Self- regulation & Self- regulated Learning	G. Papantoniou					x	
ΠΝΕ137	E	The Role of the Museum in Science and Technology Education	K. Plakitsi					x	
ΠΝΕ145	Е	Human Resources Management in Educational Systems	Not available in 2013-2014					x	
ΠNE227	E	Assessment and Intervention Programs in Special Education	D. Sarris					x	
ΠNE702	Е	Introduction to Entrepreneurship	DASTA						
ΠNE805	Е	Historical evolution of the Greek Educational	Th.Bakas						

		System					
ΠNY119	Е	History of Modern Greek Education II	Not available in 2013-2014				Х
ΠΝE422	Е	Health Education II	V. Koutras				х
ΠNE139	Е	Society & Culture	L.Stergiou				х
ΠΝΕ126	Е	Environmental Education	K. Plakitsi				х
ПNE316	Е	Distance Learning System Development	Not available in 2013-2014				х
ПNE802	E	Design and Assessment of Mathematics Teaching at Preschool	X.Vamvakoussi				x
ПNE803	Е	Special topics in Entrepreneurship	DASTA				Х

### **COMPULSORY COURSE OUTLINES**

Lecturer's Name: Maria Sakellariou Course Code: NY101α		
	Semester: I	
Study Year: 1 <sup>st</sup>	Course Level: First	
ECTS: 4	Teaching credits: 3	
Course category: Compulsory		
Course Language: Greek		
Course Content		
1. The discipline of Pedagogy.		
2. Basic pedagogical concepts (teacher, student, te	eaching, learning, education, soc	ialization)
<ol><li>The subject of Pedagogy.</li></ol>		
4. The historical evolution of Pedagogy.		
5. Pedagogy and the discipline of Education.		
6. Discipline of Pedagogy sectors.		
7. Relation of Pedagogy to other disciplines.		e a e i
8. Research methods (empirical: questionnaire,	experiment, interview, observ	ation, theoretical:
hermeneutics, phenomenological, dialectics, a	nthropological conditions of ed	ucation, biological
knowledge)		
9. The potential and the necessity of education in h	uman beings.	
10. The limits of education and human freedom.		
11. The effect of heredity and environment on humar	n education.	
12. The possibilities and the limits of education.	antemperary Dedagagy, offect	ing factors
<ol> <li>Educational objectives and their relationship with</li> <li>Theories of behaviour (change).</li> </ol>	r contemporary Pedagogy, arrect	ing factors.
15. Pedagogical relationship and behaviour, basic te	achera' hehaviour types (author	itativa domogratia
absolute freedom), authoritative, anti-authoritativ		
and education (the effect of society on education		and school, society
16. Education and technology.	).	
To: Education and technology.		
Teaching Method		
> Lectures		
Short individual and group assignments		
Students' workload (hours)		
Lectures		39
Study for course preparation		40
Collaboration with tutor		5
Exam Preparation		40
	Total hours	124

Assessment Method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%

#### Selected Bibliography

-Χατζηδήμου Δ. (2006), Εισαγωγή στην Παιδαγωγική, Θεσσαλονίκη: Αφοί Κυριακίδη.

-Μετοχιανάκης Ηλ (2006), Εισαγωγή στην Παιδαγωγική Α΄ και Β΄ τόμος, Ηράκλειο.

-Πυργιωτάκης Ι. (1999), *Εισαγωγή στην Παιδαγωγική Επιστήμη,* Αθήνα: Ελληνικά Γράμματα.

-Ντολιοπούλου, Ε., *Σύγχρονες Τάσεις της Προσχολικής Αγωγής*,(2000), Αθήνα: Τυπωθήτω – Γιώργος Δαρδανός.

-Σακελλαρίου, Μ. & Κόνσολας Μ. (Επιμ.), Ηθική και Εκπαίδευση. Διλήμματα και Προοπτικές, (2010), Αθήνα: Κριτική.

-Roopnarine, J. &Johnson, Ποιοτικά προγράμματα Προσχολικής Εκπαίδευσης, (2006), Αθήνα: Παπαζήσης. -Edwards, C., Candini, L. &Forman, G., *ReggioEmilia:Οι χίλιες γλώσσες των παιδιών προσχολικής ηλικίας*, (2000), Αθήνα: Πατάκης.

-Κουτσουβάνου, Ε., Προγράμματα Προσχολικής Εκπαίδευσης και η διαθεματική διδακτική προσέγγιση, (2003), Αθήνα: Οδυσσέας.

-Chenfeld, M., Creative experiences for young children, (2000), Postsmouth, NH: Heinemann.

Course Code: IINE220	Semester: I	
Study Year: 1 <sup>st</sup>	Course Level: Second	
ECTS: 4	Teaching credits: 3	
Course category: Compulsory		
Course Language: Greek Course Content		
Introduction: the subject matter of psychology; fundamental (structuralism, the influence of Darwin's theory, functionalism psychodynamic theory of Freud, cognitive psychology and cognitive ss <u>Research methods:</u> research methods of psychology (quantitativ methods of cognitive psychology (introspective, experimental, psycho <u>Introduction to cognitive processes:</u> perception (sensory systems, interpretations of perception), attention (the nature of attention, brief attention, theoretical interpretations of perception), memory interpretations of the memory system), language, thought and repres conscious and unconscious processing. <u>Motivation and emotions;</u> <u>Teaching method</u> > Lectures > Optional short individual and group assignments > Group tutorials	n, behaviorism, gestalt the cience), areas of psychology e and qualitative methods), logical, verbal reports), ethica the nature of perception, t historical evolution of the re- (memory system, basic t	eory, the research l issues, heoretica search or heoretica
Student workload (hours)		3
Tutorials		1
	ibliography, preparation	2
Study for course preparation (library search, internet search for b of oral presentation, short essays)		
of oral presentation, short essays)		4
of oral presentation, short essays) Collaboration with tutor	<u>Total hours</u>	
of oral presentation, short essays) Collaboration with tutor		4
of oral presentation, short essays) Collaboration with tutor Exam Preparation		4
of oral presentation, short essays) Collaboration with tutor Exam Preparation Assessment method		4
of oral presentation, short essays) Collaboration with tutor Exam Preparation Assessment method Optional assignment		4 12 209
of oral presentation, short essays) Collaboration with tutor Exam Preparation Assessment method Optional assignment Written exams with assignment Written exams without assignment		4 12 209 809
of oral presentation, short essays) Collaboration with tutor Exam Preparation Assessment method Optional assignment Written exams with assignment Written exams without assignment Research assignment for ERASMUS students		4 12 209 809 1009
of oral presentation, short essays)         Collaboration with tutor         Exam Preparation         Assessment method         Optional assignment         Written exams with assignment         Written exams without assignment         Research assignment for ERASMUS students         Written exams with assignment for ERASMUS students		4 12 20° 80° 100° 20°
of oral presentation, short essays) Collaboration with tutor Exam Preparation Assessment method Optional assignment Written exams with assignment Written exams without assignment Research assignment for ERASMUS students		4 12 20° 80° 100° 20° 80°

-Βοσνιάδου, Σ. (2001). Εισαγωγή στην ψυχολογία: Βιολογικές, αναπτυξιακές και συμπεριφοριστικές προσεγγίσεις – Γνωστική ψυχολογία, τόμος Α'. Αθήνα: Gutenberg.

-Eysenck, M. W., & Keane, M. (2000). Cognitive psychology: A sstudent's handbook. Hove, East Sussex: Psychology Press.

-Hayes, Ν. (1998). Εισαγωγή στην ψυχολογία (Επιμ. Έκδ. Α. Κωσταρίδου-Ευκλείδη), τόμος Α'. Αθήνα: Ελληνικά Γράμματα.

-Hayes, Ν. (1998). Εισαγωγή στην ψυχολογία (Επιμ. Έκδ. Ι. Ν. Παρασκευόπουλος), τόμος Β' Αθήνα: Ελληνικά Γράμματα.

-Κωσταρίδου-Ευκλείδη, Α. (1992). Γνωστική Ψυχολογία. Θεσσαλονίκη: Art of Text.

-Sternberg, R. J. (2007). Γνωστική ψυχολογία Επιμ. Έκδ. Γ. Ξανθάκου & Μ. Καϊλα). Αθήνα: Ατραπός.

HISTORY OF MODERN GREE	CE AND MODERN GREEK CIVILIZATION I
Lecturer's Name:	
Course Code: IINY404	Semester
Study Year: 1 <sup>st</sup>	Course Level: I
ECTS:4	Teaching credits: 3
Course category Compulsory	
Course Language Greek	
Course Content	
Part I	
<ol> <li>Genesis of social and national consciou</li> </ol>	
	ek Enlightenment, 1700-1821 (introductory lectures).
3. Publishing in the years of Modern Gree	*k Enlightenment.
4. Ideology and Politics in 19 <sup>th</sup> century.	
Part II From theory to practice (early childhood activitie	
1. Language, writing and history.	5)
2. History and communication (the Press)	
3. The wheel, the machine and their histo	
4. History and the Fine Arts	
Teaching Method	
Lectures and short individual and group assignm	nents
Students' workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment Method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
εκδ. Ελληνικά Γράμματα. -Νίκος Γ. Σβορώνος, Επισκόπηση της Νεοελλην	του Νεότερου Ελληνισμού (19 <sup>ος`</sup> – 20 <sup>ος</sup> αι.), (1999), Αθήνα,

-Λουκάς Αξελός, Ρήγας Βελεστενλής. Σταθμοί και όρια στη διαμόρφωση της εθνικής και κοινωνικής συνείδησης στην Ελλάδα, (2006), Αθήνα, εκδ. Σταχαστής.
 -F. Braudel, Civilisation materielle, economie et capitalisme, XV<sup>e</sup>-XVIII<sup>e</sup> siecle, t. I, 1979, Paris.

#### INTERCULTURAL EDUCATION – TEACHING APPLICATIONS

Lecturer's Name: Leda Stergiou	
Course Code: IINE141	Semester: II
Study Year: 1 <sup>st</sup>	Course Level: First
ECTS: 4	Teaching credits: 3

Course category: Compulsory Course Language: Greek

#### Course Content

The course focuses on the pedagogical and didactic approximation of a multicultural class or a "homogeneous" class in a multicultural setting. The emergence of prejudice in early childhood and the objectives of pedagogy against prejudice are discussed along with different ways of stereotype and prejudice recognition at the kindergarten as well as methods for their elimination. Another point discussed is related with the management of the differences between race, gender and culture: Pedagogical tools are proposed for supporting diversity, equal and individualized educational treatment, the cultivation of self-esteem, conscience and critical thinking. Finally, emphasis is put on the importance of the relationship between (foreign) parents and the kindergarten and methods for their approximation and involvement in the educational process are discussed.

Teaching Method		
Lectures		
Group discussions		
Projections		
Short individual and/or group projects		
Student workload (hours)		
Lectures	39	
Study for course preparation	40	
Collaboration with tutor	5	
Exam Preparation	40	
Total hours	124	
Assessment Method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Research assignment for ERASMUS students	100%	

-Derman Sparks L., (2006) Καταπολεμώντας τις προκαταλήψεις. Παιδαγωγικά εργαλεία, (μτφρ.) Χουντουμάδη, Μόρφη, Αθήνα, Κέντρο Παιδαγωγικής και Καλλιτεχνικής Επιμόρφωσης «Σχεδία». -Aluffi Pentini A., (2005), Διαπολιτισμικό Εργαστήριο, Αθήνα: Ατραπός.

-ΕΑΔΑΠ, (2004) Μαζί. Παιδαγωγοί και γονείς στο διαπολιτισμικό σχολείο, Αθήνα: Τυπωθήτω, Γ. Δαρδανός. -Tiedt P.L., Tiedt I.M., (2006), Πολυπολιτισμική Διδασκαλία, Αθήνα: Παπαζήσης.

-Byram M., Nichols A., Stevens D., (2001), *Developing Intercultural Competence in Practice*, Clevedon: Multilingual Matters LTD.

	EN'S PSYCHOPATHOLOGY- SPECIAL EDUCATION
Lecturer's Name: Dimitris Sarris Course Code: IINE224	Compoter II
Study Year:1 <sup>st</sup>	Semester: II Course Level: First
ECTS: 4	
Course category: Compulsory	Teaching credits:3
Course Language: Greek	
Course Content	
The course deals with nosographic entities	in the filed of Psychopathology and Special Education.
Specifically:	
<ol> <li>Epistemology in the field of psych</li> <li>Autism: epistemology and therape</li> </ol>	opathology and special education.
3. Neuroses and phobias in early ch	
4. Special Education: Epistemology	
Teaching Method	
Lectures	
Tutorials and lab tutorials in group	DS
Practice in schools	
Student workload (hours)	
Lectures	26
Tutorials and lab tutorials	13
Practice in schools	13
Study for course preparation	20
Compulsory assignment preparation	10
Collaboration with tutor	3
Exam Preparation	40
Total hours	125
Assessment Method	
Compulsory assignment	20%
Written exams	80%
Research assignment for ERASMUS stude	
Selected Bibliography	10070
	έφηβοι με ειδικές ανάγκες και δυνατότητες. Αθήνα: Αυτοέκδοση.
-Δελασσούδας. Λ. (2003). Εισανωνή στην	ειδική παιδαγωγική. Τόμος Α', σχολική ένταξη
ατόμων με ειδικές ανάγκες. Αθήνα: Ατραπ	
	νχοπαθολογία παιδιών και εφήβων: αναπτυξιακή προσέγγιση.
Αθήνα: Τυπωθήτω.	
-Σαρρής, Δ. (2004). Ο ρόλος του παραμυθ	ιού και της μαριονέτας στην αντιμετώπιση των μαθησιακών
δυσκολιών. Γνωστική και ψυχαναλυτική πρ	οοσέγγιση. Αθήνα:'Άνθρωπος'.
	in preschool children Clinical and Developmental Issues. New

-Campbell, S. (2002). Behavior problems in preschool children Clinical and Developmental Issues. New York: The Guilford Press.

	DUCATION I
Lecturer's Name Ekaterini Karamirtrou	
Course Code IINE421	Semester II
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek Course Content	
The multi-dimensional and cultural significance of The definition and historical course of Theatre. From Home I. Aischylos – Sophokles – Euripides and Aristophe Elizabethan Theatre and William Shakespeare. IV. Fit The Theatre of New-Hellenic Enlightenment and Nind Theatre of middle-war. IX. American Theatre. X. The Theatre of middle-war. IX. American Theatre. XII. The spectacular. XIII. Sociological approaches to Theatre 'sacred'' into 'cosmic'' and reversely – Myth and tex Myth. XV. Limits of narration – presuppositions of E Theatre space and concepts of dramaturgy. XVIII. Spectators''. XIX. Play-writing for children and young Workings of reception of the scenic show. XXII. Form Theatre as a Cultural commodity and a compound Methodology of interpretation and analysis of dramateducation "Dromena" – Epic, popular stories and fair Songs. <b>Teaching method</b> Lectures     Short individual and group assignments	ric Poetry up to folk songs. anes (Attic Comedy). II. Commedia dell' Arte. III rench Classicism and Moliere. V. Cretan Theatre VI eteenth Century VII. The bourgeois drama. VIII. The e "absurd" and all the contemporary strains in work the theory of depicted Symbols-theatricality and the e. XIV. The Action-model of A. Greimas. XV. From tt. "Peripeteia" ("adventure") and future of Theatrica Drama. XVI. On "modernism" in dramaturgy. XVII From "children's Theatre" to "Theatre for juvenile audience. XX. Typology of juvenile spectators. XXI is of theatrical animation. XXIII. Teaching of Theatre artistic creation-Original dramatic production. XXIV ic texts. XXV. Dramatization-Improvisation – Speecl
<ul> <li>Short individual and group assignments</li> <li>Lab tutorials in groups</li> </ul>	
Students' workload (hours)	
Lectures	39
Tutorials	15
Lab tutorials	30
Study for course preparation	20
Collaboration with tutor	3
Exam Preparation	48
Total hours	150
Assessment method	
Optional assignment	50%
Oral exams with assignment	50%
Oral exams without assignment	100%
-	
Research assignment for ERASMUS students	20%
Written exams with assignment for ERASMUS students	s 80%
Selected Bibliography	Ζήτρος, Θεσσαλονίκη. 1998 (Γ΄ Έκδοση).

*-Le Tragedie Grecque*, Presses Universitaires De France, Paris 1970.

Lecturer's Name: Artemis Giotsa	(CHOLOGY
Course Code: IINY 205 Study Year: 2 <sup>nd</sup>	Semester: III
ECTS: 4	Course Level: Second Teaching credits: 3
	Teaching credits: 3
Course category: Compulsory Course Language: Greek	
Course Content	
1. Subject and methods of Social Psychology	
2. Disciplines related to Social Psychology.	
3. Attitudes. The three dimensions of attitudes. A	ttitudes and behavior. Assessment of attitudes.
Theories of attitudes. 4. Change of attitude. Source of the message. The message. The aim. The conditions.	
stages. Theories of team dynamics.	n. Team evolution stages. Factors affecting team
6. Social influence. The compliance with and obe	edience to the team.
7. Learning. Social accommodation/facilitation. In	
phenomenon in a team. Cooperation and com	
8. Roles within the team. The leader's role. Feat	
communication within the team. Social force.	
9. The intercultural dimension in Social Psycholo	
	ice, stereotypes and discrimination. The causes of atement and intra-team relationship enhancement.
11. Interpersonal relations. Motivation and effects	
relationships. Interaction and social relations i	n the classroom. Interaction and communication
between teachers and students. Peer relation	
<ul> <li>Teaching method</li> <li>Lectures - short individual and group assignm</li> </ul>	anta
Group tutorials  Student workload (hours)	ents
Student workload (hours)	
Student workload (hours) Lectures	26
<b>Student workload (hours)</b> Lectures Tutorials	26 13
Student workload (hours) Lectures Tutorials Study for course preparation	26 13 3
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor	26 13 3 40
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation	26 13 3 40 40
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation	26 13 3 40
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours	26 13 3 40 40
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method	26 13 3 40 40
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment	26 13 3 40 40 122
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment	26 13 3 40 40 122 20%
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment         Written exams without assignment	26 13 3 40 40 122 20% 80%
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment         Research assignment for ERASMUS students	26 13 3 40 40 122 20% 80% 100%
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment         Written exams without assignment         Oral exams         Selected Bibliography	26         13         3         40         40         122         20%         80%         100%         100%         100%
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment         Written exams without assignment         Research assignment for ERASMUS students         Oral exams         Selected Bibliography         -Γεώργας, Δ., (1999), Κοινωνική Ψυχολογία, Αθήνα: Αθ	26         13         3         40         40         122         20%         80%         100%         100%         100%         100%         100%
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment         Written exams without assignment         Research assignment for ERASMUS students         Oral exams         Selected Bibliography         -Γεώργας, Δ., (1999), Κοινωνική Ψυχολογία, Αθήνα: Αι -Κοκκινάκη, Φ., (2005), Κοινωνική Ψυχολογία. Εισαγων	
Student workload (hours)         Lectures         Tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Written exams with assignment         Written exams without assignment         Research assignment for ERASMUS students         Oral exams         Selected Bibliography         -Γεώργας, Δ., (1999), Κοινωνική Ψυχολογία, Αθήνα: Αθ	

-Παπαστάμου, Στ., (2001), *Εισαγωγή στην Κοινωνική Ψυχολογία.* Αθήνα: Ελληνικά Γράμματα. -Miell, D. & Dallos, R. (2007), Διαπροσωπικές σχέσεις, μια συνεχής αλληλεπίδραση (επιμ. Αικ. Γκαρή), Αθήνα: Ελληνικά Γράμματα

LITERARY	THEORY
Lecturer's Name: Ifigenia Triantou	
Course Code: INY 405	Semester: III
Study Year: 2 <sup>nd</sup>	Course Level: Second
ECTS: 4	Teaching credits: 3
Course category: Compulsory	· ·
Course Language: Greek	
Course Content	
General introduction to the literary theory. Basic conce	pts and conditions for the appreciation of the special
function of literature. The linguistic theory of F. de Saussure and the transition	n from appared linguistics to literature
The Russian avant-garde in art and basic principles of t	
Vladimir Propp and the approximation of the folk fairyta	
Morphology, transformations and historical roots of the	
fairytale, the functions and narrative sequences as func	
Specificity of the fable, according to Claude Levi-Stra	
language of fables. Critical contrasts and symbolic func	
Trends in contemporary narratology: Depth structures a	and surface structures.
A.J. Greimas, "Structural Semantics" and semiotics. Gerard Genette and the contemporary critical theory of	the period Techniques of the periodic
Examples of text analysis based on various traditional a	
Examples of text analysis based on various traditional a	and modern texts.
Teaching Method	
Lectures - short individual and group assignment	ents
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	20%
Optional assignment	
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Propp, Vladimir: <i>Morphologie du conte,</i> Poètique, Seu του παραμυθιού. Η διαμάχη με τον Κλωντ Λέβι-Στρως κ	
-Καψωμένος, Ε.Γ.: Αφηγηματολογία, Θεωρία και μέθοδ Πατάκης,2003.	οι ανάλυσης της αφηγηματικής πεζογραφίας, Αθήνα,
-Ροντάρ, Τζάνι :Γραμματική της φαντασίας, Εισαγωγή στην τέχνη να επινοείς ιστορίες, Μεταίχμιο, 2001. -Adam, Jean-Michel: Les Textes: Types et prototypes. Récit, Description, Argumentation, Explication et Dialogue, Paris, Nathan, 1992. Ελλ. μτφρ. Παρίσης, Γιάννης: Τα κείμενα: τύποι και πρότυπα: αφήγηση, περιγραφή, επιχειρηματολογία, εξήγηση και διάλογος, Αθήνα, Πατάκης, (α΄ εκδ.) 1999.	
-Genette, Gérard : Discours du récit: essai de méthode	

THE DISCIPLINE OF A	
Lecturer's Name Dimitrios Ratsikas	RT AND FINE ARTS
Course Code NY508a	Semester III
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory	
Course Language Greek	
Course Content	
Artistic thinking and practice. Theory of science and art. and Drawing. The two dimensions of Art. The disciplines Mathematics. The meaning of symbols and elements. The applications, water-based drawing. The discipline of art expands the theoretical and expressive tools, creates the fundamental questions concerning the mystery of creative expression. The great teachers of modern art, Cézanne, important artists ultimately wanted to show us what they trustful on their own creative forces. Through exercises and their struggle for free expression. Naturalistic drawin naturalistic exercises, their experimental character, their <b>Teaching Method</b> > Lectures, discussions > Tutorials and lab tutorials on individual and gro	s involved in Art: Psychophysiology, Geometry, he interpretation of artistic work. Exercises and is the best one could find in a course on fine arts. It ose firm bases that provide answers to the ve art. Particular emphasis is put on the problem of Van Gogh, Picasso, Bohnard and other equally saw. Their attempts expressed the beauty, being and applications we better understand the difficulties ing and the work of P. Cézanne. The importance of didactic character and pedagogical role.
Student workload (hours)	
Lectures	26
Tutorials and lab tutorials	13
Study for course preparation	5
Collaboration with tutor	40
Exam Preparation	40
Total hours	124
Assessment Method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Γκλυντ Τομας – Ανζελ Σιλικ, Η ψυχολογία του Παιδικού -Κ.Δ. Αλεξοπούλου, Γενική Φυσική, Τόμος Πέμπτος, βιβ -Nicos Hadjinikolaou, Histoire de l' art et lutte des classe -Βασίλη Καντίνσκι, Το πνευματικό στην Τέχνη. Εκδόσεις -Yves Le Grand, «Optique physiologique» Tome II Lumi 1972. -Rudolf Arnheim, Τέχνη και Οπτική αντίληψη, Εκδ. Θεμέ	λιόπωλείο Κοκοτσάκη, Αθήνα 1992. es, εκδ. Francois maspero Paris 1978. ; Νεφέλη. ere – coulenus. Εκδ. Masson E-cie Editeurs Paris

HEALTH ED Lecturer's Name: Vasilis Koutras	
Course Code: IINY425	Semester: IV
Study Year: 2 <sup>nd</sup>	Course Level: Second
ECTS: 3	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek	
Course Content	
1. What is Health Education (HE) and Health Pre	e-education.
2. HE and Medicine.	
3. Political and social dimensions of HE.	
4. Early childhood education as a promoting fact	
5. The incorporation of HE in the early childhood	
<ol> <li>Factors affecting children's attitudes to health issues.</li> <li>Health and nutrition – Eating disorders.</li> </ol>	
8. HE in cardiovascular disease prevention.	
9. HE in cancer prevention.	
10. Smoking, alcohol and health.	
11. Health and the environment.	
12. HE in genetic disease prevention.	
13. Sexual education, sexually transmitted disease	es, AIDS.
<ol> <li>HE in tooth care.</li> <li>Traffic education and accidents.</li> </ol>	
16. Factors affecting children's attitudes to health	issues
17. Emotional education for children.	
18. Factors of danger, protective factors for childre	en's psychosocial health.
19. Bereavement and loss management in childre	
20. Family conflicts management.	
21. Emotional management in children.	
<ol> <li>Fear management in children.</li> <li>Limit specification and help in problem resolution</li> </ol>	ion
23. Self-care emotional enhancement, self-image,	
25. Emotional education strategies.	
26. Attitude and behaviour change models in HE.	
27. HE methods and techniques in children.	
28. Health-promoting school.	
29. HE program assessment.	
Teaching method	
> Lectures	
Short individual and group assignments	
Student workload (hours)	
Lectures	39
Study for course preparation	30
Collaboration with tutor	5
Exam Preparation	40
Total hours 114	
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
<b>Selected Bibliography</b> -Αθανασίου Κ <b>.</b> (2007), <i>Αγωγή Υγεία</i> ς, Αθήνα: Εκδόσεις	Familia

-Τριχόπουλος Δ, Καλαποθάκη Β, Πετριδού Ε, (2000) *Προληπτική Ιατρική και Δημόσια Υγεία.,* Αθήνα: Εκδόσεις ΖΗΤΑ. -Τούντας Γ. (2000) *Κοινωνία και Υγεία*, Αθήνα : Εκδόσεις Οδυσσέας. -Glanz K., Lewis F. M. Rimer B. (*Health Behaviour and Health Education: Theory, Research, and Practice*, Jossey-Bass, Inc. Pub.

MYTH AND MYTHOLOGY		
Lecturer's Name: P.D. 407/80		
Course Code: IINE443	Semester: IV	
Study Year: 2 <sup>nd</sup>	Course Level: Second	
ECTS: 4	Teaching credits: 3	
Course category: Compulsory		
Course Language: Greek		

#### Course Content

The meaning and the content of myths. Their origin and reasons for their creation. Brief reference to the course of human mythical thinking from pre-historic until modern and contemporary times. Myth forms and levels. Myth and allegory. Myth and Discourse. Myth and History. Myth and Art. Myth and Religion. The radiance of Greek Mythology. The world of gods and the world of heroes. Ancient Greek Literature and the fine arts as source of myths. Mythologies of other nations. Parallel themes and patterns. Modern and contemporary mythical narratives. Viewpoint and content of the folklore. The mythical context of traditional and contemporary living. Myth and folk narratives. Myths, fairytales, traditions, proverbs, riddles, folk songs. Myth hermeneutics: ritualistic and functional interpretation, structural and Freudian analysis. The mythicisation of the past as a bonding element of the team. Rationalism and the contemporary aspect of myths. Demythicisation of life and "re-mythicisation" of everyday life. Contemporary myths. The pedagogical value of myths and their use in the educational process.

Teach	ina m	ethod

Lectures and short individual and group assignments

Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography	

Selected Bibliography

-Κακριδής Ι. Θ., (επιμ.), *Ελληνική Μυθολογία*, τόμοι 5, (1986), Αθήνα: Εκδοτική Αθηνών. -Grimal, Pierre, *Λεξικό της Ελληνικής και Ρωμαϊκής Μυθολογίας*, επιμ-μετ. Β. Άτσαλος, (1991), Θεσσαλονίκη: Univ. Studio Press.

-Ruthven K. K., Ο Μύθος, μετ. Ιουλιέττα-Ράλλη – Καίτη Χατζηδήμου, (1977), Αθήνα: Ερμής. -Μ. Γ. Μερακλής, *Έντεχνος Λαϊκός Λόγος*, σσ.191-206, (1993), Αθήνα: εκδ. Καρδαμίτσα.

-Μήττα Δήμητρα, *Απολογία για το μύθο,* (1997), Θεσσαλονίκη: Univ. Studio Press.

-J. Ε. Harrisson, Τελετουργικά δρώμενα στην Αρχαία Ελλάδα, (1999), Αθήνα: εκδ. Ιάμβλιχος.

-G. S. Kirk, The Nature of Greek Myths, (<sup>2</sup>1990), Penguin Books Ltd

	NATHEMATICS I
Lecturer's Name: Maria Kadrimidou & Xenia Vamvak	
Course Code: NY106α	Semester: V
Study Year: 3 <sup>rd</sup>	Course Level: Second
ECTS: 4	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek Course Content	
1. Mathematics and Education	
<ul> <li>Views on Mathematics and Educat</li> </ul>	es (subtraction-generalisation, grouping-classification, olution_ sses. (Bruner and Dienes). oblem (Gestalt).
Teaching method ➤ Lectures ➤ Lab tutorials in groups Student workload (hours)	
Lectures	26
Lab tutorials	13
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Written exams	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., L <i>Mathematics Education</i> . Dordrecht: Kluwer Academic -Bοσνιάδου, Σ. (επιμ.). (1995). <i>Η ψυχολογία των Μα</i> ά -Brousseau, G. (1997). <i>Theory of Didactical Situation</i> Publishers. -Davis, P. & Hersh, R. (1980). <i>Η μαθηματική Εμπειρία</i> -Hughes, M. (1996). <i>Τα παιδιά και η έννοια των αριθμ</i>	c Publishers. θηματικών. Αθήνα: Gutenberg. as <i>in Mathematic</i> s. Dordrecht: Kluwer Academic α. Αθήνα: Τροχαλία.

-Παστρώνης, Τ. (2001). *Θεμελιώδεις μαθηματικές έννοιες και παιδική σκέψη*. Αθήνα: Δίπτυχο.

PRESCHOOL PEDAGOGY – CONTEMPORARY TEACHING PROPOSALS		
Lecturer's Name: Maria Sakellariou		
Course Code: IINY130	Semester: V	
Study Year: 3 <sup>rd</sup>	Course Level: Second	
ECTS: 4	Teaching credits: 3	
Course category: Compulsory		
Course Language: Greek		
Course Content		
The course consists of three basic thematic modules: a. Early childhood education and contempora		
didactic approaches. <b>b.</b> Special issues, Problems-Pedagogic	al potentiality of the kindergarten and <b>c</b> . Social	
approaches to learning.	agogical plans and teaching proposals and	
Specifically, the course examines different types of pedagogical plans and teaching proposals an programs, the prospect of inter-curricular learning in Early Childhood education, teaching an		
methodological views on the socio-pedagogic task of the kindergarten, the Curriculum in the context of		
Social Pedagogy. Also, school preparation at the kindergarter		
to primary school are discussed. Also, topics related to religio		
environments (theoretical and empirical approaches), as wel		
training for better parent-teacher communication and cooperation		
principles and approaches for school-family cooperation, as		
parent involvement in early childhood education programs. Fi		
of school-family cooperation are discussed and applied co Arlington's and PAT (Parents as Teachers) programs. The ti		
dimensional field of Social Learning and its exploitation for the		
Teaching method		
Lectures and short individual and group assignments	8	
Discussion, video projection, group tutorials		
Student workload (hours)		
Lectures	36	
Tutorials (group work, video projection)	30	
Study for course preparation	5	
Collaboration with tutor	24	
Exam Preparation	40	
Total hours	135	
Assessment method		
Compulsory assignment	30%	
Written exams	70%	
Research assignment for ERASMUS students	100%	
Selected Bibliography		
-Πανταζής, Σ.Χ. & Σακελλαρίου, Μ.Ι., Προσχολική Παιδαγι	ωγική: Προβληματισμοί – Προτάσεις, (2005),	
Αθήνα: Ατραπός.		
-Σακελλαρίου, Μ., Συνεργασία Οικογένειας και Νηπιαγωγείου	υ: Θεωρία - Έρευνα - Διδακτικές Προτάσεις,	
(2008), Αθήνα: Ατραπός.		
-Goehlich, Μ., <i>Παιδοκεντρική διάσταση στη μάθηση,</i> Εισαγω Ε., (2003), Αθήνα: Τυπωθήτω – Γιώργος Δαρδανός.	γη-Επιμελεία: Χρυσαφισης, κ., μτφρ. Νουσία,	
-Sakellariou, M., Parent's attitude towards Nursery School	ol and its correlation with their sociological	
<i>characteristics,</i> Proceeding of the Mid Term, Conference of		
Sociological Association, Nicocia, Cyprus, (2007), 309-319.		
-Christenson, J.L. & Sheridan, S.M., Schools and families.	: Creating essential connections for learning,	
(2001), W.Y.: The Guilford Press.		
-Σακελλαρίου, Μ. & Αρβανίτη, Ε., Πολυπολιτισμικότητα κα		
Πρωτοσχολική Εκπαίδευση. Μία ερευνητική προσέγγιση, στο		
στην Πρωτοβάθμια Εκπαίδευση: Προοπτικές και Προβληματισ	τμοι, (2008), Αθήνα: Γρηγόρης, 89-132.	

SCIENCE EDUCATION AT P	RESCHOOL
Lecturer's Name: Katerina Plakitsi	
Course Code: INE148	Semester: V
Study Year: 3 <sup>rd</sup>	Course Level: Second
ECTS: 4 Teaching credits: 3	
Course category: Compulsory	
Course Language: Greek	
Course Content	
<ol> <li>The aims of Science Education.</li> <li>Methodology of Science Education.</li> <li>Scientific method processes and their application in e</li> <li>Learning theories in Science Education.</li> <li>Didactic Models for Science Education.</li> <li>Curricula for Science Education.</li> <li>Teaching assessment in Science Education.</li> <li>Teaching examples of Science Education.</li> </ol>	early childhood education.
Teaching method>Lectures - Short individual and group assignments>Lab tutorials in groups	
Student workload (hours)	
Lectures	26
Lab tutorials	26
Study for course preparation 26	
Collaboration with tutor	5
Exam Preparation	40
Total hours     123	
Assessment method	
Compulsory lab tutorial	30%
Optional assignment	10%
Written exams with assignment     60%	
Written exams without assignment     70%	
Research assignment for ERASMUS students	70%
Compulsory lab tutorial for ERASMUS students 30%	
Selected Bibliography           -American Association for the Advancement of Science (A           Americans, Oxford University Press. (http://www. project2061.           -Roth, W. M. (1995). Authentic school science: Knowing and           Dordrecht, Netherlands: Kluwer Academic Publishing.           -Unesco, (1993), Project 2000+ Science an           (http://www.ddc2000.com/products/ s2k_s&s.htm#u51).           -Πλακίτση Κατερίνα, (2007) (προς εκτύπωση). Διδακτική τω           πρώτη σχολική ηλικία: Σύγχρονες τάσεις και προοπτικές. Αθήν           -Ραβάνης, K. (2003). Οι Φυσικές Επιστήμες στην Προσχολική	org). I learning in open-inquiry science laboratories. nd Technology Education for All. ην Φυσικών Επιστημών στην προσχολική και να, Εκδόσεις Πατάκη, σ. xxx.

PHILOSOPHY OF EDUCATION I	
Lecturer's Name: Charalambos Apostolopoulos	
Course Code: IINY410	Semester: V
Study Year: 3 <sup>rd</sup>	Course Level: Second
ECTS: 4	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek Course Content	
A) Systematic and methodological approach	
<ul> <li>The notion and structure of Philosophy relationship between Pedagogy and Ethics Rationalism, anti-rationalism, empiricism. "Copernican turn". The dialectics of tempora? The horizon of contemporary philosophica Philosophy of Life (Existentialism, Pher Technocratic thinking). The theory of Person The study of the Philosophy of Education in Greek society.</li> <li>B) Historical Tradition         <ul> <li>The Greek Paideia. Hellenism (Platonism) a</li> <li>The pedagogical character of paedophilia in</li> <li>The Enlightenment of the sophists and the Isocrates: "Against the Sophists" and "Anti conflict between Isocrates and Plato about "Anti-Plato. The philosophical establishmen education.</li> <li>General and technical use of the pre-plato</li> </ul> </li> </ul>	al problematics: European Nihilism (Nietzsche). iomenology) versus Positivism (Historicism – n: Buber and Kierkegaard. In Greece. Degeneration and decay symptoms in and Christianity. Ancient Greeks. evolution of rhetoric into a system of Education. dosis", especially §§ 180-192 and 261-290. The the notion of proper Education and Philosophy. t of rhetoric in Isocrates". Humanism, humanistic philosophy. The meaning of Platonic philosophic-educational texts from Plato with ".
Teaching method > Lectures Short individual and group assignments	
<ul> <li>Short individual and group assignments</li> <li>Student workload (hours)</li> </ul>	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours 124	
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
<b>Selected Bibliography</b> -Albert Reble, Ιστορία της Παιδαγωγικής, Αθήνα 2005 (1990), Εκδ. Παπαδήμα Αθανάσιος Βερτσέτης, Ι Παιδαγωγική- Διδακτική στους Αρχαίους συγγραφείς, Αθήνα 2002. -Herwig Blankertz, Die Geschichte der Pädagogik. Von der Aufklärung bis zur Gegenwart, Wetzlar 1982.	

-Herwig Blankertz, *Die Geschichte der Pädagogik. Von der Aufklärung bis zur Gegenwart*, Wetzlar 1982. -*Πλάτωνος Πολιτεία*, Μετ. Γεωργούλη, Εκδ. Ι. Σιδέρη, (Ανδρέας Σιδέρης – Ιωάννης Σιδέρης Ο.Ε.), Αθήνα 2000.

EDUCATIONAL MANAGEM	ENT & ADMINISTRATION
Lecturer's Name: Thomas Bakas	
Course Code: INE143	Semester: VI
Study Year: 3 <sup>rd</sup>	Course Level: Fourth
ECTS: 4	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek Course Content	
The topics examined in the course are the following: 1. Introduction to Educational Administration.	
<ol> <li>Design and planning in Education.</li> </ol>	
3. Decision-making in Education.	
4. The organization of the educational system.	
5. Leadership and administration in education.	
6. Control in the educational system.	
7. The staff in Education	
8. The educator as civil servant.	
9. Administrative activities in the school unit.	
Teaching method	
Lectures	
Short individual and group assignments	
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours 124	
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment 100%	
Research assignment for ERASMUS students 100%	
Selected Bibliography -Everard, K. B., & Morris, G. (1999). Αποτελεσματική Ελληνικό Ανοικτό Πανεπιστήμιο.	
-Hoy W. and Miskel C., (1987), <i>Educational Administrat</i> New York.	non. Theory Research and Placifice, Lane Akers, In

-Δερβίσης Στ., (1989), Ιστορία, Οργάνωση και Διοίκηση της Νεοελληνικής Εκπαίδευσης, Θεσσαλονίκη. -Πουλής Π., (2001), Εκπαιδευτικό Δίκαιο και Θεσμοί, εκδ. Σάκκουλα, Θεσσαλονίκη. -Σαΐτης Χ., (2005). Οργάνωση και Διοίκηση της Εκπαίδευσης-Θεωρία και Πράξη. Αθήνα.

ICT (INFORMATION & COMM Lecturer's Name: Jenny Pagge	UNICATION TECHNOLOGY) IN EDUCATION
Course Code: INY308	Semester: VI
Study Year: 3 <sup>rd</sup>	Course Level: Third
ECTS: 5	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek	
Course Content	
	in Education beyond the introductory knowledge of the use of
computers and new technologies. Specifically i	it includes:
1. Programming languages.	
<ol><li>Introduction to Pascal programming la</li></ol>	anguage.
3. The Internet.	
4. Educational website construction.	
5. Introduction to educational technology.	
6. Use of educational technology.	
7. Copyright, new technologies and the I	internet.
Teaching method	
Lectures	
Short individual and group assignment	its
Lab tutorials in groups etc.	
Two-week kindergarten practice	
Student workload (hours)	
Lectures	26
Lab tutorials	13
Study for course preparation	40
Compulsory kindergarten practice	40
Kindergarten practice-related assignment prep	aration 10
Collaboration with tutor	3
Exam Preparation	40
Total hours	172
Assessment method	
Compulsory kindergarten practice-related assig	gnment 20%
Written exams with assignment	80%
Oral exams 100%	
Research assignment for ERASMUS students 100%	
Εκπαίδευση. Αθήνα.	γραμματισμού Pascal. εκδ. Πέρσοναλ. Αθήνα. ανεπιστήμιο Ιωαννίνων. Ιωάννινα. Προσχολικής και Πρωτοσχολικής ηλικίας. εκδ. Σύγχρον

-PASCAL - User Manual and Report ISO Pascal Standard, Kathleen Jensen and Niklaus Wirth, Springer Verlag 1991ISBN 0-540-97649-3, 226 pages. -Douglas E Comer (2006), The Internet Book: Everything You Need to Know About Computer Networking and How the Internet Works (4th Edition) Eds. Prentice Hall.

CHILDREN'S LITERATURE		
r: VI		
evel: Third		
credits: 3		
The course deals with approaches to children's literature, children's fiction and poetry for children. It focuses mostly on two thematic areas: the relationship of ideology to children's literature and Greek poetry for children. The first part of the course will discuss the analysis and interpretation of children's literature texts in terms of ideology. It will refer to theories and approaches to literary criticism with regard to ideology and children's literature and it will focus on the relationship between children's literature and Multiculturalism. I will trace ways through which ideology operates with reference to social, ethical and political criteria. It will examine how different discourses may influence the ideology inscribed in a children's literary text given the period it was written. Furthermore, the course will examine issues of ideology and illustration in children's literature. The second part will focus on poetry for children, and examine the relationship of poetry, rhyme and language playing, with regard to early childhood. Then the course will focus on trends in Greek poetry for children. It will refer to the most important representatives of children's poetry from G. Vizeynos to contemporary poets. Reference will be made to certain types of poetry (limerick, free verse, narrative dramatic poems, and so forth) and the discussion will focus on contemporary editions of poetry for children the organization and the running of the school library and will discuss the use of children's literature texts within the perspective of an interthematic /interdisciplinary early childhood school program .		
rials		
39		
18		
18		
6		
5		
40		
126		
120		
10%		
90%		
50%		
50%		
vα: Δαρδανός Τυπωθήτω 2000. Dardanos Tipothito 2000. othito 2000. ; 2002. htes 2002. λονίκη: Επίκεντρο 2008. oniki: Epikentro 2008.		
c 5. 1		

	PLICATIONS I
Lecturer's Name: Maria Sakellariou	
Course Code: NY114α	Semester: VII
Study Year: 4 <sup>th</sup>	Course Level: Third
ECTS: 4	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek Course Content	
General Pedagogy and Learning: Conceptual de differentiation. Basic principles. Theoretical negotiation The teaching method and its significance in the lear forms. The Project method. The Project method in early ch childhood education curricula, critical consideration. Pedagogical work and experiential situations. Pedagogical work in kindergarten through event preser Foreign children at the kindergarten and teaching proper <b>Teaching method</b> Lectures- short individual and group assignment Tutorials and lab tutorials in groups at	of teaching planning and design. ning process. Contemporary teaching methods a nildhood education. Interdisciplinary framework ea ntation and environment exploitation. osals.
<ul> <li>Tutorials and lab tutorials in groups etc.</li> <li>Student workload (hours)</li> </ul>	
Lectures	26
Tutorials	13
Lab tutorials	5
Study for course preparation	35
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
	100%

Πανταζής Σ. (2006), Διαπολιτισμική αγωγή στο νηπιαγωγείο Αθήνα: Αυτοέκδοση.
 Κιτσαράς Γ.(2004), Προγράμματα Διδακτικής Μεθοδολογίας Προσχολικής Αγωγής, Αθήνα: Αυτοέκδοση.
 Howard G. (2006), Πώς το παιδί αντιλαμβάνεται τον κόσμο, Αθήνα: Ατραπός.

TEACHING AP	PLICATIONS II
Lecturer's Name: Maria Sekellariou	
Course Code: NY117a	Semester: VIII
Study Year: 4 <sup>th</sup>	Course Level: Third
ECTS: 6	Teaching credits: 3
Course category: Compulsory	
Course Language: Greek Course Content	
This course examines pedagogical and methodolo teaching resources. Methodology. Theoretical discuss importance of the teaching method in the learning proo the Project method. The Project method in early chil	ogical issues. Teaching factors, teaching methods, sion of the organization and planning of teaching: the cess, contemporary teaching methods, teaching forms, dhood education. Interdisciplinary framework of early he importance and requirements of curriculum design.
Teaching method → Lectures- short individual and group assignm → Tutorials and lab tutorials in groups etc. Student workload (hours)	ents
Lectures	26
Tutorials	13
Lab tutorials	5
Study for course preparation	35
Compulsory kindergarten practice 80	
Collaboration with tutor	5
Exam Preparation	20
Total hours 184	
Assessment method	<u> </u>
Compulsory assignment	20%
Written exams	80%
Research assignment for ERASMUS students 100%	
Selected Bibliography -Πανταζής Σ. (1997), Η Παιδαγωγική και το Πα Αθήνα:Gutenberg. -Πανταζής Σ. (2006). Ανάννωση και νοητικές εικόνες, Α	ιχνίδι – αντικείμενο στο χώρο του νηπιαγωγείου, Αθάνα: Ατοαπός

-Πανταζής Σ. (2006), Ανάγνωση και νοητικές εικόνες, Αθήνα: Ατραπός. -Κιτσαράς Γ.(2004) Προγράμματα Διδακτικής Μεθοδολογίας Προσχολικής Αγωγής, Αθήνα: Αυτοέκδοση..

# **COMPULSORY ELECTIVE COURSE OUTLINES**

### I. MODULE OF PEDAGOGY

INTRODUCTION TO INTERCULTURAL EDUCATION		
Lecturer's Name: Leda Stergiou		
Course Code: IINE140	Semester: I	
Study Year: 1 <sup>st</sup>	Course Level: First	
ECTS: 4	Teaching credits: 3	
Course category: Compulsory Elective		
Course Language: Greek		
<b>Course Content</b> This course discusses basic notions, such as multiculturalism and interculturalism, cultural relativism and universalism, as well as the influence of theoretical views on education. The constitution of identity is examined as an active and critical process and emphasis is given on the self-image: how it evolves, what obstacles might arise and what is the role of early childhood education in its development. The stages in the constitution of the Other's self-image by young children are also examined. The notion of "encounter" is treated as an essential condition for the development or prevention of intercultural relationships and the convergence or divergence between school and home are discussed along with the general conditions for a balanced and creative contact. Finally, intercultural education is examined within the institutional context, as it is expressed through models, regulations and aims, failures obstacles and prospects.		
Teaching method         > Lectures         > Collective discussions         > Projections         > Individual and group assignments		
Student workload (hours)		
Lectures	39	
Study for course preparation	40	
Collaboration with tutor	5	
Exam Preparation	40	
Total hours	124	
Assessment method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Research assignment for ERASMUS students 100%		
Research assignment for ERASMOS students       100%         Selected Bibliography       -Vandenbroeck M., 2004, Με τη ματιά του Γέτι. Η καλλιέργεια του σεβασμού του «άλλου» στην εκπαίδευση, Αθήνα: Νήσος.         -Δαμανάκης Μ. (επιμ.1995) Η εκπαίδευση των παλιννοστούντων και αλλοδαπών μαθητών στην Ελλάδα, Διαπολιτισμική προσέγγιση, Αθήνα: Gutenberg.         -Γκόβαρης, Χ, 2001, Εισαγωγή στη Διαπολιτισμική Εκπαίδευση, Αθήνα: Ατραπός.         -Νικολάου Γ., 2005, Διαπολιτισμική Διδακτική. Το νέο περιβάλλον-Βασικές αρχές, Αθήνα: Ελληνικό Γράμματα.		

Γράμματα. -Abdalah-Pret<u>ceille M., Porcher L., 1996, *Education et communication interculturelle*, Paris, PUF.</u>

INTRODUCTION TO EDUCATIONAL POLICY			
Lecturer's Name: Thomas Bakas			
Course Code: ПNE142	Semester: I		
Study Year: 1 <sup>st</sup>	Course Level: First		
ECTS: 4	Teaching credits: 3		
Course category: Compulsory Elective			
Course Language: Greek			
Course Content			
The subject of the course is the introduction of the studer			
Educational Policy, as well as the historical evolution of relation Greece.	ve issues during their practical application in		
Basic course modules:			
1. The notion and subject of Educational Policy.			
2. Theoretical approaches.			
3. The process of planning and formation.			
4. Application axis and directions.			
5. Educational Policy bodies.			
6. Principles of Educational Policy.			
7. Diachronic evolution of Educational Policy in the histo	ry of Modern Greece (1921-today).		
<ol><li>The constitutional establishment of education.</li></ol>			
9. The role and mission of international organizations in	education.		
Teaching method			
<ul> <li>Lectures - short individual and group assignments</li> </ul>			
Student workload (hours)			
Lectures	39		
Study for course preparation	40		
Collaboration with tutor 5			
Exam Preparation	40		
Total hours	124		
Assessment method			
Optional assignment	20%		
Written exams with assignment	80%		
Written exams without assignment 100%			
Research assignment for ERASMUS students 100%			
Selected Bibliography -Ζαμπέτα, Π. (1994). Η εκπαιδευτική πολιτική στην Πρωτοβάθμια Εκπαίδευση 1974-1989. Αθήνα, Θεμέλιο. -Κοντογιαννοπούλου-Πολυδωρίδη Γ., (1997), Εκπαιδευτική πολιτική και πρακτική. Κοινωνιολογική ανάλυση, Ελληνικά Γράμματα, Αθήνα. -Πολυχρονόπουλου Π., (1982), Παιδεία και πολιτική στην Ελλάδα. Κριτική ανάλυση και αξιολόγηση των ιδεολογικών και γνωστικών λειτουργιών του σχολικού συστήματος (1950-1975), Καστανιώτης, Αθήνα. -Τερζή Ν., (1988), Εκπαιδευτική πολιτική και εκπαιδευτική μεταρρύθμιση. Πρόγραμμα και πραγματικότητα.			
Πράγματα και πρόσωπα, Κυριακίδης, Θεσ/νίκη.			

-Τσαούση Δ., (1996), *Ευρωπαϊκή Εκπαιδευτική Πολιτική*, εκδ. Gutenberg, Αθήνα. Ball S., (1999), Politics and Policy Making in Education, Routledge London.

	& OPERATION OF THE KINDERGARTEN
Lecturer's Name: Thomas Bakas	
Course Code: INE144	Semester: 2
Study Year: 1 <sup>st</sup>	Course Level: First
ECTS: 4	Teaching credits: 3
Course category: Compulsory Elective	
Course Language: Greek	
Course Content	
The following six basic modules are includ	
1. The institution of Early Childhood	
2. Diachronic development of Early Childhood Education organization and operation.	
3. The institutional framework of kindergarten organization and operation.	
<ol> <li>The Kindergarten as an educational institute.</li> <li>The Kindergarten as public service.</li> </ol>	
<ol> <li>6. Early Childhood Education staff.</li> </ol>	
<ol> <li>Early Childhood Education management and administration.</li> </ol>	
<ol> <li>Communication and public relations in Early Childhood Education units</li> </ol>	
9. Pedagogical operation of the Kind	
Teaching method	Ť
Lectures - short individual and green	oup assignments
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation 40	
Total hours 124	
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students         100%	
Selected Bibliography	
-Γαβαλά Λαζ., Το Ελληνικό Νηπιαγωγείο,	
-Κιτσαράς Γ., Προσχολική παιδαγωγική, Α	θηνα 2001. ικά τάμοι 1 <sup>0ς</sup> 2 <sup>0ς</sup> 2 <sup>0ς</sup> είνδι Ακοί Ελάσση Αθάνα 1977.
	ική, τόμοι 1 <sup>ος</sup> , 2 <sup>ος</sup> , 3 <sup>ος</sup> , εκδ. Αφοί Βλάσση, Αθήνα 1977.
-=ηροτυρη Ηλ., Το συγχρονο Νηπιαγωγείο -Χαρίτος Χαρ., Το Ελληνικό Νηπιαγωγείο Ι	ο και η Ιστορία του, εκδ. Ατλαντίς, Αθήναι 1975. και οι ρίζες του, εκδ. Οιμορροτα
	κά οι ρίζες του, έκο. Gutenberg. κής και σχολικής αγωγής (μτφ. Μ. Σπανού, επιμ. Αθανασούλα
-οιοκ ττι., Διοικηση μονασών προσχολικής και σχολικής αγώγης (μτφ. Μ. Ζτανου, επιμ. Ασανασσόλ Ρέππα (2005)	

Ρέππα (2005).

DIDACTIC METHODOLOGY OF MOTO	R EDUCATION ACTIVITIES	
Name of lecturer : Charilaos Zaragas		
Course Code: ITEY302	Semester 3	
Year of Studies 2 <sup>th</sup>	Course Level: first	
ECTS: 4	Teaching Units 3	
Course Category: Compulsory Elective		
Language Teaching of Greek Lesson		
<ol> <li>Course content         <ol> <li>Purpose, Obectives, Methods and guidelines of Kinetic Education.</li> <li>Teaching of kinetic education. Developmental infants' phase, reasons for participation in physical activities, theory of internal and external motivation and its consequences of the young children's involvement in locomotion activities, increased motivation by setting goals feedback, creating a supportive learning environment.</li> <li>Teaching Principles of Kinetics of Early Childhood. Principle: a) Inductiveness, b) Self-action c) Participation, d) Personalization, e) Experience-framework, f)Supervision, g) the proximit in life, i) of Wholeness, i) Self-control, j)self- confidence.</li> <li>Initial design and initial evaluation of motor activities, implementation, final evaluation.</li> <li>Area (internal, external) organization equipment (selection and use) for physical activities Configuration of appropriate space and supervision.</li> <li>Teaching - Methodology Psychomotor Education. Knowledge of the body moving in space handling skills, balance skills, body shapes, levels of space, directions, lines and curves i space, slow-fast acceleration - deceleration, together - apart, simultaneously - successively breathing exercises, balance, speed reaction, spacetime orientation, rhythm, kinestheti differentiation, visual-kinetic coordination (balls, hoops, skipping ropes), kinetic expression and kinetic creative expression.</li> <li>Teaching - Methodology of kinetic education in combination with music. Rhythmic values music-kinetic of speech aloud - slowly, timbre, rhythmic action, music-kinetic elaboration or song, speech and movement.</li> <li>Instruction – Methodology of Narration and dramatization of stories ranging from sports an Olympic events.</li> </ol></li> <li>Developmental disorders of kinetic connection with emphasis on early childhood. Ear detection and assessment. Method</li></ol>		
Methods of teaching		
Lectures		
Small group and individual work		
Student workload (hours)		
Total teaching hours during semester course Number of hours for tutorial classes	26	
Number of study hours to prepare the course	<u> </u>	
Number of meeting hours with the teacher / lecturer to	5	
Number of hours of student preparation for exams 40		
TOTAL OF HOURS 124		
Method of assessment		
Optional assignment 20%		
Written exams with assignment 80%		
Written exams without assignment     100%		
Research assignment for ERASMUS students 100%		
<ul> <li><u>Selected Bibliography</u></li> <li>Gallahue, L. D., (2002). Αναπτυξιακή Φυσική Αγωγή για τα σημερινά παιδιά. (Μετ. – Επιμ Ευαγγελινού Χ. – Παππά Α.) Θεσσαλονίκη: University Studio Press.</li> <li>Zimmer, R., (2007). Εγχειρίδιο ψυχοκινητικής αγωγής. Θεωρία και Πράξη της Ψυχοκινητικής Παρέμβασης. (Επιμ. Καμπάς Α.) Αθήνα: Αθλότυπο.</li> <li>Νάκια, Λ. &amp; Ψάλλας, ΑΠ., (2004). Ψυχοκινητική αγωγή – Ψυχοκινητικά παιχνίδια. Αθήνα ΑΘΛΟΤΥΠΟ.</li> <li>Logsdon, B.J., Alleman, L., Straits, S., Belka, D., &amp; Clark, D., (1997). Physical Education unit</li> </ul>		

 Logsdon, B.J., Alleman, L., Straits, S., Belka, D., & Clark, D., (1997). Physical Education unit plans for Preschool – Kindergarten. Learning Experiences in games, gymnastics and dance.

	USA, Human Kinetics. P.E. Central. www.humankinetics.com
-	Sanders, St., (1992). Designing preschool movement programs. P.E. Central.
-	Pica, R., (2006). Moving and learning across the Curriculum. P.E. Central.
-	Pica, R., (2006). Great games for young children. P.E. Central.
-	Ζάραγκας, Χ. (2006). Ψυχοκινητική Αγωγή. Μια ψυχοπαιδαγωγική προσέγγιση σε παιδιά
	προσχολικής ηλικίας. Αθήνα: Ατραπός.
-	Hammet, C. T., (1992). Κινητική Αγωγή στην Προσχολική Ηλικία. (Μετ. Καλαμπόκα Γ)
	Θεσσαλονίκη: SALTO.

### EARLY CHILDHOOD PEDAGOGY – TEACHING APPROACHES

Lecturer's Name: Maria Sakellariou	
Course Code: NY110a	Semester IV
Study Year: 2 <sup>nd</sup>	Course Level: Second
ECTS: 4	Teaching credits: 3
Course category: Compulsory Elective	
Course Language: Greek	

#### Course Content

In the context of this course, teaching approaches that render teaching as a continual process are proposed, starting with Early Childhood Education. The course supports the art of "teaching" as a multi-level process requiring different types of knowledge, such as content knowledge, pedagogical knowledge and teaching skills. Answers to central issues and problems are formulated, through the three basic units of the course: student-centered planning, teaching and assessment. Specifically, it proposes approaches that emphasize objectives and aims deriving from three main sources: the Child, the Society and the Science. Furthermore, issues concerning the concept of reconsideration as a basic element of planning are discussed, along with query formulation strategies as a cornerstone of efficient teaching, teaching strategies, such as cooperative learning, directed discovery, dialogue and problem resolution. The course also presents teaching approaches that settle and construct upon students' differences as a strong point, as well as issues of efficient management of the learning environment through effective interventions. Finally, it examines traditional ways, as well as alternative or authentic forms of assessment.

#### **Teaching method**

- Lectures short individual and group assignments Discussion
- Teaching sessions video projection

Student workload (hours)	
Lectures	36
Lab tutorials (group work, video projections)	20
Study for course preparation	5
Collaboration with tutor	24
Exam Preparation	40
Total hours	125
Assessment method	
Optional assignment (short individual/group assignments)	30%
Written exams with assignment	70%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%

#### Selected Bibliography

 Σακελλαρίου, Μ., Εισαγωγή στην Κοινωνική και Παιδαγωγική Εργασία του Νηπιαγωγείου, (2007), Αθήνα: Ατραπός.

- Jacobsen, A.D., Eggen, P. & Kauchak, D., Μέθοδοι Διδασκαλίας. Η ενίσχυση της Μάθησης των παιδιών από το Νηπιαγωγείο έως το Λύκειο, Επιστημονική Επιμέλεια –Εισαγωγή: Σακελλαρίου, Μ., Κόνσολας, Μ., μτφρ. Λαμπρέλλη, Ρ., (2008), Αθήνα: Ατραπός.
- Κιτσαράς, Γ. Προγράμματα: Διδακτική μεθοδολογία Προσχολικής αγωγής, (2005), Αθήνα: Έκδοση του συγγραφέα.
- Bredekamp, S. & Copple, C. Καινοτομίες στην Προσχολική Εκπαίδευση: Αναπτυξιακά κατάλληλες πρακτικές στα προσχολικά προγράμματα, (1999), Αθήνα: Ελληνικά Γράμματα.
- Κουτσουβάνου, Ε., Προγράμματα Προσχολικής Εκπαίδευσης και η Διαθεματική Διδακτική Προσέγγιση, (2005) Δ΄, Αθήνα: Οδυσσέας.
- Katz, L. & Chard, S. Engaging children's minds: The Project approach, (2000), Norwood, NJ: Ablex.

	HISTORY OF MODERN GREEK	EDUCATION I
Lecture	r's Name:	
	Code: NY115a	Semester IV
	'ear: 2 <sup>nd</sup>	Course Level: Second
ECTS 4		Teaching credits:3
	category: Compulsory Elective	
	Language: Greek	
Course 1. 2. 3. 4.	archives, school units' archives, education-related privileological orientations of 19 <sup>th</sup> century official school reality on Greek education). Early Childhood Education in foreign Greek comm Trieste, Cairo and Alexandria).	ate archives, General Gazette of Greece. curricula (the effect of European educational nunities (Greek schools of Venice, Vienna,
$\succ$	ng method Lectures and short individual and group assignments t workload (hours) s	39
Study fo	or course preparation	40
	pration with tutor	5
	Preparation	40
	•	
Total ho	DUIS	124
	sment method	
	al assignment	20%
Oral or	written exams with assignment	80%
Oral or	written exams without assignment	100%
Resear	ch assignment for ERASMUS students	100%
-Αλέξη <i>εβδομή</i> -Αλέξη	ed Bibliography Δημαρά, Βάσως Βασιλού-Παπαγεωργίου, Από το κον ντα χρόνια ελληνική εκπ/ση με λόγια και εικόνες, (2008), Δημαρά, Η μεταρρύθμιση που δεν έγινε (τ. Α΄-Β΄), Αθήνο αμπος Γ. Χαρίτος, Το Ελληνικό Νηπιαγωγείο και οι ρίζες	Αθήνα, εκδ. Μεταίχμιο. α, Ερμής (Εστία).

-Χαράλαμπος Γ. Χαρίτος, Το Ελληνικό Νηπιαγωγείο και οι ρίζες του, 1996, Αθήνα, Gutenberg. -Γ. Χασιώτης, L'Instruction Publique chez les Grecs, (1881), Paris.

SOCIAL LEARNING & EARLY	CHILDHOOD EDUCATION
Lecturer's Name: Maria Sakellariou	
Course Code: IINE150	Semester VI
Study Year: 3rd	Course Level: Third
ECTS 4	Teaching credits 3
Course category: Compulsory Elective Course Language: Greek	
Course Content	
The course consists of the following basic thematic units children and the teacher, teaching suggestions and strat children. Specifically, in the context of this course, Social personality, as well as the practice of child-centrism challenges of our times. Furthermore other topics ex- childhood education, the socializing function of school a childhood education focusing on Multiple Intelligence the childhood education. Imagination and role games are als development of children, as well as organised play development and learning, children's spontaneous p practices), Social Learning and skills acquisition (evaluat strategies for the development of social relations and children's social development is emphasized through sele young children's attitudes towards computers. Finally, m Social Learning in early childhood education and the n through Social Learning.	tegies for the social and emotional development of al Learning is examined in relation to the student's in contemporary schools as a response to the samined are: Social Learning Programs in early and school time expansion, activity design in early bry, in parallel to space and Social Learning in early so examined in relation to the social and emotional as an encouraging strategy of children's social lay at preschool and Social Learning (children ng treatment of their association at preschool), and groups in early childhood education. Moreover, ected texts, as well as the effect of social factors on ethodological problems are presented in relation to
Teaching method         ➤       Lectures - short individual and group assignment         ➤       Discussion, teaching sessions video projections         Student workload (hours)	ts
Lectures	36
Lab tutorials (group work, video projections)	20
Study for course preparation	5
Collaboration with tutor	24
Exam Preparation	40
Total hours	125
Assessment method	
Compulsory assignment (short individual/group assignme	ents) 30%
Written exams	70%
Research assignment for ERASMUS students	100%
Selected Bibliography	10070
<ul> <li>-Σακελλαρίου, Μ., (επιμ.) Κοινωνική Αγωγή και Προσχολ Γιώργος Δαρδάνος.</li> <li>-Σακελλαρίου, Μ. (επιμ.), Κοινωνική Αγωγή και Προσχολ Γιώργος Δαρδάνος.</li> <li>-Κουτσουβάνου, Ε. &amp; Ομάδα Εργασίας, Οι κοινωνικές Αθήνα: Οδυσσέας.</li> <li>-Αυγητίδου, Σ., Οι κοινωνικές σχέσεις και η παιδική φ διδακτική μεθοδολογία δραστηριοτήτων στο νηπιαγωγείο,</li> </ul>	ική Εκπαίδευση, (2008), τ.β΄, Αθήνα: Τυπωθήτω – επιστήμες στην Προσχολική Εκπαίδευση, (2005), ιλία στην προσχολική ηλικία: Θεωρία, έρευνα και
<ul> <li>Katz, L.C., Evangelou, D., &amp; Haertman, The case for Washington, DC: NAEYC.</li> <li>Corsaro, W., Friendship and peer culture in early years,</li> </ul>	r mixed-age grouping in early education, (1990),

	GOGICAL ANTHROPOLOGY	
Lecturer's Name: Charalambos Apostolopoulos		
Course Code: IINE151	Semester VII	
Study Year 4 <sup>th</sup>	Course Level: Third	
ECTS 4	Teaching credits 3	
Course category: Compulsory Elective		
Course Language: Greek		
Course Content		
Philosophical traditional views in relation to the qu Pascal, Kant, Hegel, Feuerbach, Marx and Nietzsche.		
Teaching method		
Hermeneutic approach towards the above is	sues	
Students workload (hours)		
Lectures	39	
Study for course preparation	40	
Collaboration with tutor	5	
Exam Preparation	40	
Total hours	124	
Assessment method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Research assignment for ERASMUS students	100%	
Selected Bibliography -Helmuth Plessner, « <i>Κείμενα Φιλοσοφικής Ανθρωπ</i> Πρέβεζα, 2004. -Max Scheler, «Η Θέα του κόσμου ανθρώπου στον μ Πουπασάκης, Αθήνα 1989, Εκδ. Ρόες. -Κ. Δεληκωσταντή, « <i>Φιλοσοφική Ανθρωπολογία</i> », Αθ	κόσμο», Μτφρ. Χ. Μπακονικόλα- Γεωργοπούλου &	

-Ι. Ν. Θεοδωρακόπουλος, «*Εισαγωγή στη Φιλοσοφία*», Τομ. Β' «Φιλοσοφική Ανθρωπολογία- Μεταφυσική-Φιλοσοφία της Θρησκείας» Αθήνα, 1975.

## II. MODULE OF PSYCHOLOGY, SPECIAL EDUCATION & HEALTH

	MOTOR EDUCATION AND LEARN	ling
Lecturer's	Name: Charilaos Zaragas	
Course Co	de: ПЕY200 S	Semester II
Study Yea		Course Level: First
ECTS 4		eaching credits 3
Course cat	egory: Compulsory Elective	9
Course La	nguage: Greek	
Course co		
da fit 2. TI 3. B da P	ovement and learning. The contribution of physical are evelopment. The self-development, social development, ness. The concept of learning. Relationship and inter- rminology and structure of the field of Motor Education are neories of learning. Theories of motor learning. asic principles of developmental psychology for Ki evelopment and significance. Game development and hysical and motor development. Motivation, development	cognitive development, health and action with the environment. Basic nd Learning in preschool children. Inetic Education. The conception I significance. How children learn.
4. TI Ti eo	nguage. Movement and mathematics. he pedagogical basis of the kinetic treatment. Objectives a heories and models of kinetic therapy. Orientation to actic ducation and his / her behaviour. Motor activities, method,	on. The kintergarden teacher'sKinetic , design and performance.
di	vpes of motor activities (open, team game, traditional gama, rhythm, movement, music-kinetic) - morphological pontrol.	
	pace and material-technical infrastructure for the impositivities. Room configuration for motor activities. Indoor ar	
7. S	upervision of motor activities. Qualitative and quantitativ otor activities .	
	esearch methodology in the kinetic education	
methods of	of teaching	
≻ Le	ectures	
≻ S	mall group and individual work	
Number o	f hours of student workload	
	ing hours during semester course	26
	hours for tutorial classes	13
Number of	study hours to prepare the course	40
	meeting hours with the teacher / lecturer to	
Number of		Ę
Number of	hours of student preparation for exams	40
Number of Number of	hours of student preparation for exams <u>TOTAL OF HOU</u>	40
Number of Number of Method of	hours of student preparation for exams TOTAL OF HOU assessment	40 RS 124
Number of Number of Method of Optional as	hours of student preparation for exams TOTAL OF HOUI assessment ssignment	4( <u>RS</u> 12 <sup>2</sup> 20 %
Number of Number of <b>Method of</b> Optional as Written exa	hours of student preparation for exams TOTAL OF HOU assessment ams with assignment	A( RS 124 20 % 100 %
Number of Number of Method of Optional as Written exa Written exa	hours of student preparation for exams TOTAL OF HOUI assessment ssignment	4( <u>RS</u> 12 <sup>2</sup> 20 %

Selected Bibliography

-Kalverboer, A., Hopkins, B., & Geuze, R., (2004). *Motor Development in early and Later Chilhood: Longitudinal Approaches.* Cambridge University Press.

-Schunk, H.D., (2009). Θεωρίες μάθησης. Μια εκπαιδευτική Θεώρηση. Αθήνα: Μεταίχμιο.

-Rose, J.D., (1998). Κινητική Μάθηση και Κινητικός Έλεγχος. Μια πολυδιάστατη προσέγγιση. Επιμ.: Κιουμουρτζόγλου Ε. Θεσσαλονίκη: University Studio Press.

-Kieff, J., & Casbergue, R., (2000). Playful Learning and Teaching. Integrating Play in Preschool and Primary Programs. Boston: by Allyn and Bacon.

-Logsdon, B.J., Alleman, L., Straits, S., Belka, D., & Clark, D., (1997). *Physical Education unit plans for Preschool – Kindergarten. Learning Experiences in games, gymnastics and dance.* USA, Human Kinetics. <u>www.humankinetics.com</u>

-Zimmer, R., (2007). *Εγχειρίδιο κινητικής αγωγής από τη θεωρία στην πράξη*. (Επιμ. Καμπάς Α.) Αθήνα: Αθλότυπο.

-Καρτασίδου, Λ. (2004). Μάθηση μέσω κίνησης. Θεσσαλονίκη: Εκδόσεις Πανεπιστημίου Μακεδονίας.

-Hammet, C. T., (1992). Κινητική Αγωγή στην Προσχολική Ηλικία. (Μετ. Καλαμπόκα Γ) θεσσαλονίκη: SALTO.

-Μπουρνέλλη, Ν., (2002). Κινητική Δημιουργικότητα. Αθήνα: Alpha Status A.E.

Lecturer's Name: Vasilios Koutras		
Course Code: IINY203	Semester III	
Study Year 2 <sup>nd</sup>	Course Level: Second	
ECTS 4	Teaching credits 3	
Course category: Compulsory Elective		
Course Language: Greek		
Course Content		
<ol> <li>Examination of the relationship between the p human behaviour.</li> <li>Functional organization of the human body.</li> <li>Biological bases of behaviour.</li> <li>Introduction to the functions of the hormonal system Thyroidal hormones and behaviour.</li> <li>Adrenal cortex hormones and behaviour.</li> <li>Genetic hormones, development of genital or menopause.</li> <li>The effect of genital hormones on the model of section and levels of the nervous system.</li> <li>Neurons and nervous synapses.</li> <li>Brain development.</li> <li>Environmental effects on brain development.</li> <li>Lower brain areas: Instincts and Emotions.</li> <li>Higher brain areas: Brain hemispheres – cortex.</li> <li>Mobility functions.</li> <li>Brain and language.</li> <li>Brain and thinking.</li> <li>Brain and thinking.</li> <li>Brain and conscience.</li> <li>Laterality in normal brain. Complementary hemispheres.</li> <li>Brain and memory.</li> <li>Brain functions (hunger, thirst, dependent reflex.</li> <li>Sleap alertness and attention. The physiologica</li> <li>Mechanism, infliction of sleep cycle or alertness</li> <li>Neurotransmitters of behaviour.</li> <li>Autonomous nervous system: the role of sympa</li> </ol>	stem. rgans, puberty, secondary gende sexual behaviour and sexual desire al cortex). sphere specialization. es) al significance of sleep and dreams	er characteristics e.
<ul> <li>Lectures - short individual and group assignmen</li> <li>Student workload (hours)</li> </ul>		
Lectures		3
Study for course preparation		3
Collaboration with tutor		
Exam Preparation		4
Total hours		11
Assessment method		
Optional assignment		209
Written exams with assignment		809
		100
Written exams without assignment		

Πανεπιστημιακές Εκδόσεις Κρήτης. -Καραπέτσιος Α. (1998), *Νευροψυχολογία του αναπτυσσόμενου ανθρώπου*, Αθήνα: Παρισιάνος. -Cacioppo J. T., Tassinary L. G., Berntson G, (2007), *Handbook of Psychophysiology*, Cambridge University Press.

Lecturer's Name Artemis Giotsa	CS IN CHILDREN'S DRAWINGS
Course Code IINE225	Semester III
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content	
1. The development of drawing in children from	n early childhood to puberty.
<ol> <li>Features of children's drawing.</li> <li>Studies on children's drawinger historical and</li> </ol>	itiaal annuach . Casa atualu
<ol> <li>Studies on children's drawings: historical cri</li> <li>Themes in children's drawings and interpret</li> </ol>	
5. Basic issues in children's drawings and merper	
	/elopmental, projecting (προβολικές), psychoanalytic
	pproaches), case studies for every school of thought).
<ol><li>Research on different approaches of childre</li></ol>	
8. The family in children's drawings – Typolog	
9. The "dynamic" family drawing (or drawing o	
<ol> <li>Comparative studies in Greece on children's</li> <li>Written, oral and drawing discourse in children's</li> </ol>	
	nmon topics (human figures, houses, trees etc.) fror
different scholars.	inter topics (number igures, nouses, nees etc.) nor
13. Children's drawing and socio-cultural difference	ences.
14. Children's drawing interpretation: qualitative	
15. Motion and activity representation in childre	
16. Family dynamics through family in action dr	
17. Application and perspectives of the "dynamic	ic" family drawing.
Teaching method	
> Lectures	
<ul> <li>Individual assignments</li> </ul>	
Student workload (hours)	
Lectures	2
Lab tutorials	1
Study for course preparation	4
Collaboration with tutor	
Exam Preparation	4
Total hours	12
Assessment method	000
Optional assignment	200
Written exams with assignment	809
Written exams without assignment	1009
Research assignment for ERASMUS students	1009
Selected Bibliography	
-Γεωργίου, Σ., (2005), Ψυχολογία των οικογενειακών	
-Καρέλλα, Μ., (1991), Τα παιδιά σχεδιάζουν την οικο	
-Malchiodi, C., (2001), Κατανοώντας τη ζωγραφική το	
-Μπέλλας, Θ., (2000), Το ιχνογράφημα των παιδιών,	

EDUCATIONAL PSYCHO	DLOGY
Lecturer's Name Georgia Papantoniou	
	Semester IV
	Course Level Second
	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content	
Definitions, main concepts and research methods in educational	psychology.
Theories of academic learning.	
Intelligence Intelligence and cognitive development; nature versus nurtu	iro: individual difforences: mechanisms of
development;	ne, individual differences, mechanisms of
<u>Theories of cognitive development:</u> Piaget's theory; obje	ctions to Piaget's theory metacognitive
development; Bruner's theory for skills' development; info	rmation processing theories for cognitive
development; Neopiagetian theories; Psychometric theories;	
Motivation and emotions in education: motives as personality tra	its: achievement motives; applications of the
theories of causal attribution into school; the self as source of	
the role of school on students' self-concept.	
Teaching method	
> Lectures	
<ul> <li>Optional short individual and group assignments</li> </ul>	
<ul> <li>Group tutorials</li> </ul>	
Student workload (hours)	
Lectures	39
Tutorials	10
Study for course preparation (library search, internet search for	bibliography. 28
preparation of oral presentation, short essays)	
Collaboration with tutor	3
Exam Preparation	40
Total hours	120
Total hours	120
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Optional assignment for ERASMUS students	20%
Written exams with assignment for ERASMUS students	80%
Written exams without assignment for ERASMUS students	100%
Oral exams	100%
Assignment (with declared number of pages (60) for graduat only)	ting students 100%
Selected Bibliography -Δήμου, Γ. (2002). Εκπαιδευτική ψυχολογία:_Θεωρίες μάθησης. -Goswami, U. (2002). Blackwell handbook of childhood cognitive -Fontana, D. (1996). Ψυχολογία για εκπαιδευτικούς (Μτφ. Μ. Λώ -Καραγιαννοπούλου, Ε. (2007). Για τη μάθηση: Η σημασία του σ -Κωσταρίδου-Ευκλείδη, Α. (1998). Τα κίνητρα στην εκπαίδευση. -Slavin, R. E. (2007). Εκπαιδευτική ψυχολογία:_Θεωρία και π Μεταίχμιο. -Χατζηχρήστου, Χ. (2004). Κοινωνική και συναισθηματική αγωτ ψυχικής υγείας και της μάθησης. Αθήνα: Τυπωθήτω.	e development. Cornwall: Blackwell. ομη). Αθήνα: Σαββάλας. χεσιακού παράγοντα. Αθήνα:Gutenberg. Αθήνα: Ελληνικά Γράμματα. τράξη, (Επιμ. Έκδ. Κ. ΜΚόκκινος. Αθήνα:

CLINICAL P	SYCHOLOGY	
Lecturer's Name Dimitris Sarris		
Course Code IINY215	Semester IV	
Study Year 2 <sup>nd</sup>	Course Level Second	
ECTS 4	Teaching credits 3	
Course category Compulsory Elective		
Course Language Greek		
Course Content		
<ol> <li>Epistemology in Clinical Psychology.</li> <li>Research methods in Clinical Psychology.</li> </ol>		
<ol> <li>Research methods in Clinical Psychology.</li> <li>Test analysis in Clinical Psychology.</li> </ol>		
<ol> <li>Application of clinical methods in preschool e</li> </ol>	ducation	
Teaching method		
Lectures		
Tutorials and lab tutorials in groups		
Student workload (hours)		
Lectures		21
Tutorials and lab tutorials		18
Study for course preparation		28
Compulsory assignment preparation		10
Collaboration with tutor		3
Exam Preparation		40
Total hours		120
Accessment with ad		
Assessment method Compulsory assignment		20%
Written exams		80%
Research assignment for ERASMUS students		100%
Selected Bibliography		
-Νέστορος, Ι., & Βαλλιανάτου, Ν.Γ. (1996). Συνθετικι	ή Ψυχοθεραπεία με στοιχεία ψυχοπαθολογίας. Α	θήνα:
Ελληνικά Γράμματα.		•
-Σταύρου, Λ. (2002). Ψυχοπαιδαγωγική αποκλινόντων	/. Αθήνα: Άνθρωπος.	
-Σαρρής, Δ. (2004). Ο ρόλος του παραμυθιού και	της μαριονέτας στην αντιμετώπιση των μαθησι	ακών
δυσκολιών. Γνωστική και ψυχαναλυτική προσέγγιση.		<b>.</b>
-O.M.S. (1993). Classification internationale des trout Masson.	pies mentaux et des troubles du comportement. F	aris :
-Carr, A. (1999). The Handbook of Child and Adolesce	ant Clinical Psychology London: Routledge	
	an onnioar sychology. London. Routledge.	

DEVELOPMENTAL PSYC	HOLOGY II
Lecturers' Names	
Course Code IINY 202	Semester IV
Study Year 3nd	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek Course Content	
Introduction to the concept of developmental psychology; mechanisms of development; <u>Theories of cognitive development:</u> Piaget's theory; of development; Bruner's theory for skills' development; in development; <u>Cognitive processes' development of infants and preso</u> development of language; development of memory; develop problem solving; development of academic skills; <u>Attachment;</u> <u>Sociomoral reasoning development</u> : structural approaches t Kohlberg) <u>Social development;</u>	ojections to Piaget's theory; metacognitive formation processing theories for cognitive <u>chool children:</u> development of perception; oment of concept acquisition; development of
Theories of adolescence Teaching Method	
<ul> <li>Lectures</li> <li>Optional short individual and group assignments</li> <li>Group tutorials</li> </ul>	
Student workload (hours)	
Lectures	39
Tutorials	10
Study for course preparation (library search, internet s bibliography, preparation of oral presentation, short essays)	search for 28
Collaboration with tutor	3
Exam Preparation	40
Total hours	120
Assessment Method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	20%
Written exams with assignment for ERASMUS students	80%
Written exams without assignment for ERASMUS students	
	100%
Oral exams	100%
Assignment (with declared number of pages (60) and for students only) Selected Bibliography	
Cole, M. & Cole, S. R. (2002). Η ανάπτυξη των παιδιών. Η αρ, Εγκυμοσύνη- τοκετός- βρεφική ηλικία (Επιμ. Έκδ. Π. Βορριά & Cole, M. & Cole, S.R. (2002). Η ανάπτυξη των παιδιών. Γι νηπιακή και πρώτη παιδική ηλικία (Επιμ. Έκδ. Ζ. Μπαμπλέκου Cole, M. & Cole, S. R. (2002). Η ανάπτυξη των Παιδ Παπαληγούρα), τόμος 3. Αθήνα: Δαρδανός. Goswami, U. (2002). Blackwell handbook of childhood cogniti Hayes, N. (1998). Εισαγωγή στην ψυχολογία (Επιμ. Έκδ. Ελληνικά Γράμματα. McCartney, K. & Phillips, D. (2005). Handbook of early childho Siegler, S. (2005). Πώς σκέφτονται τα παιδιά (Επιμ. Έκδ. Σ. Βα	<ul> <li>Ζ. Παπαληγούρα), τόμος 1. Αθήνα:Δαρδανός. νωστική και ψυχοκοινωνική ανάπτυξη κατά τη ), τόμος 2. Αθήνα: Δαρδανός.</li> <li>διών: Εφηβεία. (Επιμ. Έκδ. Π. Βορριά &amp; Ζ.</li> <li>ve development. Cornwall: Blackwell.</li> <li>Ι. Ν. Παρασκευόπουλος), τόμος Β'. Αθήνα:</li> <li>pood development. Oxford: Blackwell.</li> </ul>

	PECIAL EDUCATION
Lecturer's Name Dimitris Sarris	
Course Code IINE228	Semester V
Study Year 3 <sup>rd</sup>	Course Level Second
ECTS 4	Teaching credits
Course category Compulsory Elective	
Course Language Greek	
Course Content	
The course examines the following topics:	
1. Epistemology and Counseling.	
<ol> <li>Parent and exceptional children consultatio</li> <li>Application of scientific research methods in</li> </ol>	
	y through the application of counseling methods.
4. Learning difficulties assessment and therap	r infough the application of courseling methods.
Teaching method	
<ul> <li>Lectures</li> </ul>	
Tutorials and lab tutorials in groups	
Student workload (hours)	
Lectures	2
Tutorials and lab tutorials	1
Study for course preparation	2
Compulsory assignment preparation	1
Collaboration with tutor	
Exam Preparation	4
Total hours	12
Assessment method	
Compulsory assignment	20%
Written exams	80%
Research assignment for ERASMUS students	100%
de 5-10 ans. Revue Européenne du Handicap Menta -Πολυχρονοπούλου, Σ. (2004). Παιδιά και έφηβοι με	r conte dans le traitement des enfants dysharmonique /l, no 26, 39-60. ειδικές ανάγκες και δυνατότητες. Αθήνα: Αυτοέκδοση. ι της μαριονέτας στην αντιμετώπιση των μαθησιακώ

-Thomas, G. & Loxley, A. (2001): *Deconstructing Special Education and Constructing Inclusion*. Buckingham Open University.

PSYCHOLOGY OF MO	TIVATION	
Lecturer's Name Georgia Papantoniou		
Course Code IINE222	Semester VI	
Study Year 3 <sup>rd</sup>	Course Level Third	
ECTS 4	Teaching credits 3	
Course category Compulsory Elective		
Course Language Greek Course Content		
Definition and forms of motivation, main concepts and resear biological and physiological bases of motivation; biological m thirst, sleep, sex; theories of motivation: psychoanalytic, humanistic, arousal/op motives as personality traits: achievement motives; cognitive theories: Lewin's field theory, theories of cognitive of the theories of causal attribution into school, health, intimat motivation and volition; the self as source of motivation;	otives: instincts; physiological motiv timal level, behavioristic (drives, inc consistency and causal attribution; a	es: hunger entives);
Teaching method → Lectures → Optional short assignments → Group tutorials Student workload (hours)		
Lectures		39
Tutorials		10
Study for course preparation (library search, internet search preparation of oral presentation, short essays)	or bibliography,	28
Collaboration with tutor		(
Exam Preparation		4
Total hours		120
Assessment method		
Optional assignment		30%
Written exams with assignment		70%
Written exams without assignment		100%
Research assignment for ERASMUS students		40%
Written exams with assignment for ERASMUS students		60%
Written exams without assignment for ERASMUS students		100%
Oral exams		100%
Assignment (with declared number of pages (60) for grad only)	uating students	1007
Selected Bibliography -Κωσταρίδου-Ευκλείδη, Α. (1995). Ψυχολογία Κινήτρων. Αθή -Κωσταρίδου-Ευκλείδη, Α. (1998). Τα κίνητρα στην εκπαίδευα -Pintrich, P. R., & Schunk, D. H. (2002). <i>Motivation in educ</i>	η. Αθήνα: Ελληνικά Γράμματα.	ations. Nev

Jersey: Prentice Hall. -Wigfield, A., & Eccles, J. S. (2002). Development of achievement motivation. Oxford: Elsevier.

	F PEDIATRICS
Lecturer's Name Vassilis Koutras	
Course Code IINE414	Semester VI
Study Year 3 <sup>rd</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content	
1. Children's diseases.	
2. Endo- and exo-uterine growth.	
3. Psychokinetic development of children.	
4. Growth disorders (insufficient weight increase	e, obese children, short /tall children).
	eye-sight disorders, brain paralysis, special learning
<ol> <li>Behaviour disorders (nocturnal urination, tick</li> </ol>	. neurogenic anorexia. child abuse)
7. Younger and older children's nutrition.	
<ol> <li>Neonatology – endo-uterine and perinatal inf</li> </ol>	ections
9. Endocrinal diseases (diabetes, cushing synd	
10. Metabolic diseases (phenylketonuria, galacto	
11. Chromosomatic disorders (Down Syndrome,	
12. Immunity and immunization – Vaccines.	
13. Blood system (iron-deficiency anaemia, Medi	terranean anaemia)
14. Breathing system (acute tonsillitis, pharyngitis	
	neasles, chickenpox, infantile paralysis/poliomyelitis,
infectious mononucleosis, tuberculosis, bruce	
16. Digestive system (stomatitis, lactose intoleral	
17. Urinal system (urinary tract infection, glomeru	
18. Nervrous system (fever convulsions, epilepsy	
19. Child orthopedics (scoliosis, relative hip luxat	
20. Skin (cnidosis, anaphylaxis, Head lice infesta	
21. Malignant diseases (acute leukemia, lympho	
22. Emergency medicine in infants and children	
	(cardiovascular recovery, airway obstruction by foreign
	(cardiovascular recovery, airway obstruction by foreign
body, electric shock, fractures).	(cardiovascular recovery, airway obstruction by foreign
body, electric shock, fractures). Teaching method	(cardiovascular recovery, airway obstruction by foreign
body, electric shock, fractures). Teaching method	(cardiovascular recovery, airway obstruction by foreign
<ul> <li>body, electric shock, fractures).</li> <li>Teaching method</li> <li>Lectures</li> <li>Short individual and group assignments</li> </ul>	(cardiovascular recovery, airway obstruction by foreign
body, electric shock, fractures). Teaching method	· · · · · · ·
body, electric shock, fractures).  Teaching method  Lectures  Short individual and group assignments  Student workload (hours)	39
body, electric shock, fractures).  Teaching method  Lectures Short individual and group assignments  Student workload (hours) Lectures	39 30
body, electric shock, fractures).  Teaching method  Lectures Short individual and group assignments  Student workload (hours) Lectures  Study for course preparation  Collaboration with tutor  Exam Preparation	39 30 5
body, electric shock, fractures).  Teaching method  Lectures  Short individual and group assignments  Student workload (hours)  Lectures  Study for course preparation  Collaboration with tutor	39 30 5 40
body, electric shock, fractures).  Teaching method  Lectures Short individual and group assignments  Student workload (hours) Lectures Study for course preparation Collaboration with tutor Exam Preparation Total hours	39 30 5 40
body, electric shock, fractures).  Teaching method  Lectures Short individual and group assignments  Student workload (hours) Lectures  Study for course preparation Collaboration with tutor Exam Preparation Total hours  Assessment method	39 30 5 40 114
body, electric shock, fractures).  Teaching method  Lectures Short individual and group assignments  Student workload (hours) Lectures Study for course preparation Collaboration with tutor Exam Preparation Total hours	39 30 5 40
body, electric shock, fractures).  Teaching method  Lectures  Short individual and group assignments  Student workload (hours) Lectures  Study for course preparation  Collaboration with tutor  Exam Preparation  Total hours  Assessment method  Optional assignment	39 30 30 40 114 20%

### Selected Bibliography

-Βρυώνης, Γ.(2004). Παιδιατρική. Ιωάννινα: Εφύρα.
-Λαπατσάνης, Λ. (1996). Βασική Παιδιατρική. Αθήνα: Λίτσας.
-Ματσανιώτης, Ν., Καρπάθιος, Ο.(1995). Παιδιατρική. Αθήνα: Λίτσας.
-Behrman, Β., Kliegman, R. (2004). Βασική Παιδιατρική Nelson. Αθήνα: Λίτσας.
-Rudolf, Μ., Levene, Μ.(2008). Επίτομη Κλινική Παιδιατρική. Αθήνα: Παρισιάνος.
-Stoppard, Μ.(1996). Ιατρική Εγκυκλοπαίδεια για μωρά και παιδιά. Αθήνα: Ακμή.

Course Coo Study Year ECTS 4 Course cate Course Lar Course Coo 1. St 2. Fa 3. Sp	egory Compulsory Elective	Semester VII Course Level Third Teaching credits 3	
Study Year ECTS 4 Course cate Course Lar Course Co 1. St 2. Fa 3. Sp	- 4 <sup>th</sup> egory Compulsory Elective		
Course cat Course Lar Course Co 1. St 2. Fa 3. Sp		Teaching credits 3	
Course Lar Course Co 1. St 2. Fa 3. Sp			
Course Co 1. St 2. Fa 3. Sp	auaaa Grook		
1. St 2. Fa 3. Sp			
2. Fa 3. Sp			
3. Sp	tudy of the family during 20 <sup>th</sup> century.		
	amily shapes and definitions. pecification criteria of family forms.		
<b>T</b> . 11	he Greek family.		
	evelopment circles in the family.		
	sychological study of the family. Psychodyn	amic approach to the family. Beh	aviouristic approact
	the family.		
	ystematic approach to the family.		
	tructure and function of the family.		
	ne main subsystems of the family. Role for		tem of the spouses
	ne subsystem of the parents. The subsysten eadership in the family.	n of the siblings.	
	amily and boundaries. The concept of bo	undary Eactors determining bo	undarias insida th
	mily. Boundary types in the family system		
	rmation in each developmental stage of the		
	motional learning in the family. Results		onal learning as
	evelopmental stage. Emotional learning and	self-control.	
	/pes of education in the family.		
	ages of emotional learning. Strategies of en	notional learning in the family.	
	motional learning in various ages. amily and school. The school as system.		
	chool and family communication models.		
	arental involvement.		
	amily and values. Experiences and research	data.	
20. In	tercultural study of the family.		
Teaching r			
	ectures - short individual and group assignm	ents	
	roup tutorials		
Student we	orkload (hours)		
			2
Tutorials			1
-	ourse preparation		4
Collaboratio	on with tutor		
Exam Prep	paration		4
Total hours	3		12
	nt method		
Optional as	-		209
	ams with assignment		809
	ams without assignment		100%
Research a	assignment for ERASMUS students		100%
Oral exams	3		1009
Selected B	Bibliography	L	

-Παρασκευόπουλος, (2004). Η δημιουργική σκέψη στο σχολείο και στην οικογένεια. Εκδόσεις: Γκέλμπεσης Γ. -Ρήγα, Α.Β. (2008). Η οικογένεια στην Ελλάδα σήμερα. Ελληνικά Γράμματα. -Georgas, J., Berry, J., van de Vivjer, F., Kagitcibasi,C., & Poortinga, Y. (2006), *Families across cultures. A 30 nation Psychological study.* Cambridge: Cambridge University Press. -Χατζηχρήστου, Χ. (2008). *Κοινωνική και Συναισθηματική αγωγή στο σχολείο.* Πρόγραμμα Προαγωγής της Ψυχικής Υγείας και της Μάθησης, Αθήνα: Τυπωθήτω-Γιώργος Δαρδανός.

## III. MODULE OF NATURAL SCIENCES IN EDUCATION

INTRODUCTION TO I.	C.T. IN EDUCATION
Lecturer's Name Jenny Pagge	
Course Code IINY302	Semester II
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content	
1. Introduction to the course topic.	standard input and sutnut units (description and
components).	standard input and output units (description and
3. Software.	
4. Word, PowerPoint.	
5. Networks and Communication.	
6. Distance Learning.	
<ol> <li>ICT in Education.</li> <li>Life-long learning.</li> </ol>	
8. Life-long learning.	
Teaching method	
Lectures	
Short individual and group assignments	
<ul> <li>Group tutorials</li> </ul>	
Lab tutorials in groups	
Student workload (hours)	
Lectures	26
Tutorials and lab tutorials	1
Study for course preparation	40
Collaboration with tutor	3
Exam Preparation	40
Total hours	122
Assessment method	
Optional assignment	40%
Written exams with assignment	60%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Μακρής Π., Παγγέ Τ. (2000). Πληροφορική για Νηπιαγ -Πάνος Μακρής, (1998). O Computer με απλά λόγια, εκ -Larry L. Wear, James R. Pinkert, Larry C. Wear, W hardware and software design, McGraw-Hill Eds.	δόσεις Πέρσοναλ, Αθήνα

hardware and software design, McGraw-Hill Eds. -Carl Hamacher, Zvonko Vranesic and Safwat Zaky, (2002). "Computer Organization", 5th Edition McGraw-Hill.

INTRODUCTION TO CON	IPUTATIONAL STATISTICS	
Lecturer's Name: Jenny Pagge		
Course Code IINY303	Semester II	
Study Year 1 <sup>st</sup>	Course Level First	
ECTS 3	Teaching credits 3	
Course category Compulsory Elective		
Course Language Greek		
Course Content		
<ol> <li>Introduction: Population-Random Sample-Variable.</li> <li>Descriptive Statistics: Frequency Tables, Graphic Display of Categorical and Continuous Data.</li> <li>Measures of Central Tendency and Variability.</li> <li>Elements of Probability Theory.</li> <li>Random Variable – Probability Distribution – Expected Value and Variance. Special Discrete and Continuous Distributions (Binomial, Poisson, Normal, Standard Normal).</li> <li>Statistical Inference: Point Estimation – Confidence Intervals.</li> <li>Testing Statistical Hypotheses: <i>z</i>-test, <i>t</i>-test, Hypotheses about Differences in Means.</li> </ol>		
Teaching method → Lectures Student workload (hours)		
Lectures	39	
Study for course preparation 2		
Collaboration with tutor		
Exam Preparation		
Total hours	92	
Assessment method		
Written exams 100		
Research assignment for ERASMUS students 100		
Selected Bibliography           -Dietz, T. and Kalof, L. (2009). Introduction to Social 3           -Zωγράφος, K. (2007). Μαθήματα Πιθανοτήτων και Στ           -Λουκάς, Σ. (2003). Στατιστική. Εκδόσεις Κριτική. Αθή           -Sullivan, M. (2006). Fundamentals of Statistics. Prev	<i>ατιστικής</i> . Παν/μιο Ιωαννίνων. να.	

Lecturer's Name Jenny Pagge         Semester III           Course Code ΠRE306         Semester III           Study Year 2 <sup>nd</sup> Course Level Second           ECTS 3         Teaching credits 3           Course Content         Course Content           1.         General concepts of Statistics.           2.         Descriptive Statistics.           3.         Case Control.           4.         Non-parametric analysis.           5.         Probabilities.           6.         Introduction to SPSS.           7.         Data analysis.           Teaching method           >         Lectures           >         Group tutorials           >         Lectures           >         Group tutorials           >         Lectures           Collaboration with tutor         3           Exam Preparation         50           Total hours         92           Assessment method           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -Poúdoros, R., Toxódung δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Exδ.           -David W. Stockburger (1998) INTRODUCT	SOCIAL SCIENCE ST	ATISTICS
Course Code TINE306         Semester III           Study Year 2 <sup>md</sup> Course Level Second           CTTS 3         Teaching credits 3           Course category Compulsory Elective         Teaching credits 3           Course Content         Teaching credits 3           1         General concepts of Statistics.         2           2.         Descriptive Statistics.         3           3.         Case Control.         4           4.         Non-parametric analysis.         5           5.         Probabilities.         6           6.         Introduction to SPSS.         7.           7.         Data analysis.         26           Student workload (hours)           Lectures         26           Tutorials and lab tutorials         13           Collaboration with tutor         3           Exam Preparation         50           Total hours         92           Assessment method         100%           Selected Bibliography         -Pouroog Π., Toxolong Γ. (2002). Σταπσική εφαρμοσμένη σις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα, Αθήνα.           -Pouroog Π., Toxolong Γ. (2002). Σταπσική εφαρμοσμένη σις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα, Αθήνα.           -Pouroog Π., Toxolong Γ. (2002). Σταπισική εφαρ		
Study Year 2 <sup>nd</sup> Course Level Second         ECTS 3       Teaching credits 3         Course Category Compulsory Elective       Course Content         1. General concepts of Statistics.       2. Descriptive Statistics.         3. Case Control.       4. Non-parametric analysis.         5. Probabilities.       6. Introduction to SPSS.         7. Data analysis.       5. <b>Teaching method</b> >         > Lectures       26         Student workload (hours)       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method       92         Polyadorg, F. (2002). Σταιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -Maxpácing, B. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Ekδ. Gutenberg: Aθήνα.         -Maxpácing, B. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Ekδ. Gutenberg: Aθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLLCATIONS, WWW Version 1.0         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/		Semester III
Course category Compulsory Elective         Course Content         1. General concepts of Statistics.         2. Descriptive Statistics.         3. Case Control.         4. Non-parametric analysis.         5. Probabilities.         6. Introduction to SPSS.         7. Data analysis.         Teaching method         > Lectures         > Coupt tutorials         > Lab tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method         Organization with tutor         Student workload (fours)         Leat Intorials and lab tutorials         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method       100%         Research assignment for ERASMUS students       100%         Selected Bibliography       -Poúdoro, Π. <u>Todouóng, Γ. (2002). Σταποπική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Ma</u>		Course Level Second
Course Language Greek         Course Content         1. General concepts of Statistics.         2. Descriptive Statistics.         3. Case Control.         4. Non-parametric analysis.         5. Probabilities.         6. Introduction to SPSS.         7. Data analysis.         Teaching method         > Lectures         > Group tutorials         > Lab tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       922         Assessment method         Oral exams       100%         Research assignment for ERASMUS students       100%         Stelected Bibliography         -Poúdorog Π., <u>Tacaoûeng Γ</u> (2002). Σταπατική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. <u>Ελληνικά</u> [pdµµµœrd. Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         - http://davidmlane.com/hyperstat/       -http://davidmlane.com/hyperstat/         - http://davidmlane.com/hyperstat/       -http://davidmlane.com/hyperstat/         - Bartholomew, D.		
Course Content         1. General concepts of Statistics.         2. Descriptive Statistics.         3. Case Control.         4. Non-parametric analysis.         5. Probabilities.         6. Introduction to SPSS.         7. Data analysis.         Teaching method         > Lectures         > Group tutorials         > Lab tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method         Oral exams       100%         Research assignment for ERASMUS students       100%         Selected Bibliography       -         -Poúσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         - http://davidmlane.com/hyperstat/         - http://davidmlane.com/hyperstat/         - http://davidmlane.com/hyperstat/         - http://davidmlane.com/hyperstat/         - http://davidmlane.com/ketnok/stathome.html<	Course category Compulsory Elective	
1. General concepts of Statistics.         2. Descriptive Statistics.         3. Case Control.         4. Non-parametric analysis.         5. Probabilities.         6. Introduction to SPSS.         7. Data analysis. <b>Teaching method</b> > Lectures         > Group tutorials         > Lectures         > Group tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method         Oral exams       100%         Selected Bibliography	Course Language Greek	
2. Descriptive Statistics.         3. Case Control.         4. Non-parametric analysis.         5. Probabilities.         6. Introduction to SPSS.         7. Data analysis. <b>Teaching method</b> > Lectures         > Group tutorials         > Lab tutorials in groups         Student workload (hours)         Lectures         Stolent workload (hours)         Lectures         Collaboration with tutor         3         Collaboration with tutor         Statement method         Oral exams         Assessment method         Oral exams         Polygroup I. Togoubing F r. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -Polygroup I. Τοgoubing F r. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -Polygroup I. Τοgoubing F r. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -Polygroup I. Τοgoubing F r. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -Polygroup I. Τοgoubing F r. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.		
3. Case Control.         4. Non-parametric analysis.         5. Probabilities.         6. Introduction to SPSS.         7. Data analysis. <b>Teaching method</b> > Lectures         > Group tutorials         > Lab tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       113         Collaboration with tutor       3         Exam Preparation       50         Total hours       92 <b>Assessment method</b> Oral exams         Oral exams         Poúoros Π., Tacaúang Γ. (2002). Σταποτική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Poúoros Π., Tacaúang Γ. (2002). Σταποτική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Poúoros Π., Tacaúang Γ. (2002). Σταποτική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Poúoros Π., Tacaúang Γ. (2002). Σταποτική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/		
<ul> <li>4. Non-parametric analysis.</li> <li>5. Probabilities.</li> <li>6. Introduction to SPSS.</li> <li>7. Data analysis.</li> </ul> Teaching method <ul> <li>Lectures</li> <li>Group tutorials</li> <li>Lab tutorials in groups</li> <li>Student workload (hours)</li> <li>Lectures</li> <li>26</li> <li>Tutorials and lab tutorials</li> <li>Collaboration with tutor</li> <li>3</li> <li>Exam Preparation</li> <li>Goil hours</li> <li>Gral hours</li> <li>Stelected Bibliography</li> <li>Poúdrong Π., Τσασιάτης Γ. (2002). Σταπατική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.</li> <li>-Poúdros G. Π., Τσασιάτης Γ. (2002). Σταπατική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.</li> <li>-David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0</li> <li>- http://davidmlane.com/hyperstat/</li> <li>- http://davidmlane.com/hyperstat/</li> <li>- http://davidmlane.com/hyperstat/</li> <li>- http://davidmlane.com/hyperstat/</li> <li>- Fordoracy, N., Muoridông, X., Mragvárng, N., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια σταπατικών πακέτων, Ζήτης, Θεσσαλονίκη.</li> <li>- Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων γα</li> </ul>		
5. Probabilities.         6. Introduction to SPSS.         7. Data analysis.         Teaching method         > Lectures         > Group tutorials         > Lab tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method         Oral exams       100%         Research assignment for ERASMUS students       100%         Selected Bibliography       -         -Poúσσος Π., Tocoulong Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα, Αθήνα.         -Maxpáxης B. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Eutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         -http://davidmane.com/hyperstat/         -http://davidmane.com/hyperstat/         -http://davidmane.com/hyperstat/         -http://davidmane.com/hyperstat/         -http://davidmane.com/hyperstat/         -http://davidmane.com/hyperstat/         -http://davidmane.com/hyerestat/         -http://davi		
<ul> <li>6. Introduction to SPSS.</li> <li>7. Data analysis.</li> </ul> <b>Teaching method</b> <ul> <li>Lectures</li> <li>Group tutorials</li> <li>Lab tutorials in groups</li> </ul> <b>Student workload (hours)</b> Lectures <ul> <li>26</li> </ul> Tutorials and lab tutorials <ul> <li>13</li> </ul> Collaboration with tutor <ul> <li>3</li> </ul> Exam Preparation <ul> <li>500</li> </ul> Total hours <ul> <li>92</li> </ul> <b>Assessment method</b> <ul> <li>Oral exams</li> <li>Research assignment for ERASMUS students</li> <li>Stelected Bibliography</li> <li>-Poúraog Π., <u>Totaoúang</u> Γ. (2002). <i>Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες</i>. Εκδ. <u>Ελληνικά Γράμματα</u> Αθήνα.</li> <li>-Maxpárkŋ B. (2005). <i>Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS</i>. Εκδ. Gutenberg: Aθήνα.</li> <li>-David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0 <ul> <li>-http://davidmlane.com/hyperstat/</li> <li>-http://davi</li></ul></li></ul>		
7. Data analysis.         Teaching method         > Lectures         > Group tutorials in groups         Student workload (hours)         Lectures         26         Tutorials and lab tutorials         Collaboration with tutor       31         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method         Oral exams       100%         Research assignment for ERASMUS students       100%         Selected Bibliography         -Poúσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.         -Maxpáxing B. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://www.statsoft.com/textbook/stathome.html         -Tordwrac, N., Muudridön, X., Mravytárng, Nr., Xarζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια σταποτικών πακέτων, Ζήτης, Θεσσαλονίκη.         -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων γα		
Teaching method         > Lectures         > Group tutorials in groups         Student workload (hours)         Lectures       26         Tutorials and lab tutorials       13         Collaboration with tutor       3         Exam Preparation       50         Total hours       92         Assessment method       92         Assessment method       92         Oral exams       100%         Research assignment for ERASMUS students       100%         Selected Bibliography       100%         -Poúσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Maxράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -http://davidmlane.com/hypers		
<ul> <li>Lectures</li> <li>Group tutorials</li> <li>Lab tutorials in groups</li> </ul> Student workload (hours) Lectures Collaboration with tutor Collaboration with tutor Collaboration with tutor Same reparation Total hours Oral exams Assessment method Oral exams Coral exams Collaboration for ERASMUS students Selected Bibliography -Poúgorog Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. ΑθήναΜακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: AθήναDavid W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0 - http://davidmlane.com/hyperstat/ -http://davidmlane.com/hyperstat/ -Torάντας, Ν., Mωυσιάδης, Χ., Μπαγίστης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια σταποτικών πακέτων, Ζήτης Θεσσαλονίκη.	7. Data analysis.	
<ul> <li>Lectures</li> <li>Group tutorials</li> <li>Lab tutorials in groups</li> </ul> Student workload (hours) Lectures Collaboration with tutor Collaboration with tutor Collaboration with tutor Same reparation Total hours Oral exams Assessment method Oral exams Coral exams Collaboration for ERASMUS students Selected Bibliography -Poúgorog Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. ΑθήναΜακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: AθήναDavid W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0 - http://davidmlane.com/hyperstat/ -http://davidmlane.com/hyperstat/ -Torάντας, Ν., Mωυσιάδης, Χ., Μπαγίστης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια σταποτικών πακέτων, Ζήτης Θεσσαλονίκη.	Teaching method	
> Lab tutorials in groups           Student workload (hours)           Lectures         26           Tutorials and lab tutorials         13           Collaboration with tutor         3           Exam Preparation         50           Total hours         92           Assessment method         92           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -           -Poύσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         100%           -Maκράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.         -           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         -           - http://davidmlane.com/hyperstat/         -           - http://davidmlane.com/hyperstat/         -           - Torávraς, N., Muoráőng, X., Mπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	-	
Student workload (hours)         26           Lectures         26           Tutorials and lab tutorials         13           Collaboration with tutor         3           Exam Preparation         50           Total hours         92           Assessment method         92           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -Poύσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.           -Mακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0           - http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -Toriavraς, N., Muragiátης, NT., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Group tutorials	
Lectures         26           Tutorials and lab tutorials         13           Collaboration with tutor         3           Exam Preparation         3           Exam Preparation         50           Total hours         92           Assessment method         92           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -           -Poύσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.           -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS , WWW Version 1.0           - http://davidnlane.com/hyperstat/           -http://davidnlane.com/hyperstat/           -http://www.statsoft.com/textbook/stathome.html           -Tοιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
Tutorials and lab tutorials         13           Collaboration with tutor         3           Exam Preparation         3           Exam Preparation         50           Total hours         92           Assessment method         92           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -           -Poύσος Π., Τσοιόσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά [ράμματα. Αθήνα.           -Mακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS , WWW Version 1.0           - http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -bttp://davidmlane.com/hyperstat/           -startoolomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Student workload (hours)	
Collaboration with tutor         3           Exam Preparation         30           Exam Preparation         50           Total hours         92           Assessment method         92           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -Poύσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.           -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0           - http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -http://davidmlane.com/textbook/stathome.html           -Torάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Lectures	26
Exam Preparation         50           Total hours         92           Assessment method         92           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -Poύσσος Π., <u>Τσαούσης</u> Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. <u>Ελληνικά Γράμματα</u> . Αθήνα.           -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS , WWW Version 1.0           - http://davidmlane.com/hyperstat/           - http://davidmlane.com/hyperstat/           - http://davidmlane.com/hyperstat/           - http://davidmlane.com/hyperstat/           - http://davidmlane.com/hyperstat/           - http://davidmlane.com/hyperstat/           - Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Tutorials and lab tutorials	13
Total hours         92           Assessment method         100%           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -Poúσσος Π., <u>Τσαούσης</u> Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά <u>Γράμματα</u> . Αθήνα.           -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0           - http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/           -Torάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Collaboration with tutor	3
Assessment method         100%           Oral exams         100%           Research assignment for ERASMUS students         100%           Selected Bibliography         -Poύσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.           -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.           -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS , WWW Version 1.0           - http://davidmlane.com/hyperstat/           -http://davidmlane.com/hyperstat/           -http://www.statsoft.com/textbook/stathome.html           -Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια σταπιστικών πακέτων, Ζήτης, Θεσσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Exam Preparation	50
Oral exams       100%         Research assignment for ERASMUS students       100%         Selected Bibliography       -Ρούσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά         Γράμματα.       Αθήνα.         -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ.         Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND         APPLICATIONS , WWW Version 1.0         - http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.         -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για	Total hours	92
Oral exams       100%         Research assignment for ERASMUS students       100%         Selected Bibliography       -Ρούσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά         Γράμματα.       Αθήνα.         -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ.         Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND         APPLICATIONS , WWW Version 1.0         - http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.         -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
Research assignment for ERASMUS students         100%           Selected Bibliography         -Ρούσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS , WWW Version 1.0           - http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/           -Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.           -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
Selected Bibliography         -Ρούσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.         -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.         -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0         - http://davidmlane.com/hyperstat/         -http://davidmlane.com/hyperstat/         -Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.         -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		100%
<ul> <li>-Ρούσσος Π., Τσαούσης Γ. (2002). Στατιστική εφαρμοσμένη στις κοινωνικές επιστήμες. Εκδ. Ελληνικά Γράμματα. Αθήνα.</li> <li>-Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.</li> <li>-David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0</li> <li>- <u>http://davidmlane.com/hyperstat/</u></li> <li>-<u>http://davidmlane.com/hyperstat/</u></li> <li>-Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.</li> <li>-Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για</li> </ul>		100%
<u>Γράμματα</u> . Αθήνα. -Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα. -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0 - <u>http://davidmlane.com/hyperstat/</u> - <u>http://davidmlane.com/hyperstat/</u> - <u>http://www.statsoft.com/textbook/stathome.html</u> -Τσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη. -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
<ul> <li>-Μακράκης Β. (2005). Ανάλυση δεδομένων στην επιστημονική έρευνα με τη χρήση του SPSS. Εκδ. Gutenberg: Αθήνα.</li> <li>-David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0</li> <li>- <u>http://davidmlane.com/hyperstat/</u></li> <li>-<u>http://davidmlane.com/textbook/stathome.html</u></li> <li>-Τσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.</li> <li>-Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για</li> </ul>		ένη στις κοινωνικές επιστήμες. Εκδ. <u>Ελληνικά</u>
Gutenberg: Αθήνα. -David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0 - <u>http://davidmlane.com/hyperstat/</u> - <u>http://www.statsoft.com/textbook/stathome.html</u> -Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). <i>Ανάλυση δεδομένων με τη</i> <i>βοήθεια στατιστικών πακέτων,</i> Ζήτης, Θεσσαλονίκη. -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). <i>Ανάλυση πολυμεταβλητών δεδομένων για</i>		
<ul> <li>-David W. Stockburger (1998) INTRODUCTORY STATISTICS: CONCEPTS, MODELS, AND APPLICATIONS, WWW Version 1.0</li> <li>- <u>http://davidmlane.com/hyperstat/</u></li> <li>-<u>http://www.statsoft.com/textbook/stathome.html</u></li> <li>-Tσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.</li> <li>-Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για</li> </ul>		μονική έρευνα με τη χρήση του SPSS. Εκδ.
APPLICATIONS, WWW Version 1.0 - <u>http://davidmlane.com/hyperstat/</u> - <u>http://www.statsoft.com/textbook/stathome.html</u> -Τσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη. -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
<ul> <li><u>http://davidmlane.com/hyperstat/</u></li> <li><u>http://www.statsoft.com/textbook/stathome.html</u></li> <li>-Τσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη.</li> <li>-Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για</li> </ul>		STATISTICS: CONCEPTS, MODELS, AND
- <u>http://www.statsoft.com/textbook/stathome.html</u> -Τσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη. -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
-Τσιάντας, Ν., Μωυσιάδης, Χ., Μπαγιάτης, Ντ., Χατζηπαντελής, Θ. (1999). Ανάλυση δεδομένων με τη βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη. -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		
βοήθεια στατιστικών πακέτων, Ζήτης, Θεσσαλονίκη. -Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		ντελής Θ (1999) Ανάλμαη δεδομένων με τη
-Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2007). Ανάλυση πολυμεταβλητών δεδομένων για		τισμης, ο. (1000). Αναλοσή σεοσμένων με τη
	-Bartholomew, D., Steele, F., Moustaki, I., Galbraith, J. (2	007). Ανάλυση πολυμεταβλητών δεδομένων νια
	κοινωνικές επιστήμες. Επίκεντρο, Θεσσαλονίκη.	

Study Year 3 <sup>rd</sup> Cou	s sizes, metre and measurement units, asurement. ement.
Study Year 3 <sup>rd</sup> Cou         ECTS 5       Tead         Course category Compulsory Elective       Course Content         1.       Space and Geometry         •       Spatial relationships.         •       Topological approach to space.         •       Projective approach to space.         •       Euclidean (space) approach to space         •       Geometric concepts development: Piagetian appingeometric concepts.         •       Teaching approach at preschool         2.       Quantities/sizes and measurements         •       The conceptual field of continuous sizes: continuou measurement processes.         •       Development of the concepts of sizes and their measure         •       Teaching approach at preschool         3.       Numerical concepts         •       Meaning of natural numbers.         •       Structure of natural numbers.         •       Number representations.         •       Development of numerical concepts: Piaget, Gelan         •       Teaching approach at preschool.    Teaching method           >       Lectures – Lab tutorials in groups          >       Kindergarten practice    Study for course preparation          Course prep	se Level Third hing credits 3 broach, Van Hiele's theory, theory of s sizes, metre and measurement units, asurement. ement.
ECTS 5       Tead         Course category Compulsory Elective       Course Language Greek         Course Content       1. Space and Geometry         •       Spatial relationships.         •       Topological approach to space.         •       Projective approach to space.         •       Euclidean (space) approach to space.         •       Euclidean (space) approach to space.         •       Teaching approach at preschool         2.       Quantities/sizes and measurements         •       The conceptual field of continuous sizes: continuous measurement processes.         •       Development of the concepts of sizes and their measure         •       Teaching approach at preschool         3.       Numerical concepts         •       Meaning of natural numbers.         •       Number representations.         •       Development of numerical concepts: Piaget, Gelan         •       Teaching approach at preschool.         Teaching method          •       Lectures – Lab tutorials in groups         •       Kindergarten practice         Study for course preparation       Compulsory kindergarten practice         Compulsory kindergarten practice       Kindergarten practice         Kindergarten prac	hing credits 3 broach, Van Hiele's theory, theory of s sizes, metre and measurement units, asurement. ement.
Course category Compulsory Elective         Course Language Greek         Course Content         1. Space and Geometry         • Topological approach to space.         • Projective approach to space.         • Projective approach to space.         • Euclidean (space) approach to space         • Geometric concepts development: Piagetian approach at preschool         2. Quantities/sizes and measurements         • The conceptual field of continuous sizes: continuous measurement processes.         • Development of the concepts of sizes and their measurement processes.         • Development of the concepts of sizes and their measure         • Teaching approach at preschool         3. Numerical concepts         • Meaning of natural numbers         • Structure of natural numbers.         • Number representations.         • Development of numerical concepts: Piaget, Gelan         • Teaching approach at preschool.         Teaching approach at preschool.         * Lectures – Lab tutorials in groups         > Kindergarten practice         Study for course preparation         Compulsory kindergarten practice         Kindergarten practice-related assignment preparation         Collaboration with tutor         Exam Preparation	proach, Van Hiele's theory, theory of s sizes, metre and measurement units, asurement. ement.
Course Language Greek         Course Content         1. Space and Geometry         • Spatial relationships.         • Topological approach to space.         • Projective approach to space.         • Euclidean (space) approach to space         • Geometric concepts development: Piagetian approximation geometric concepts.         • Teaching approach at preschool         2. Quantities/sizes and measurements         • The conceptual field of continuous sizes: continuous measurement processes.         • Development of the concepts of sizes and their measure         • Teaching approach at preschool         3. Numerical concepts         • Meaning of natural numbers.         • Number representations.         • Development of numerical concepts: Piaget, Gelant         • Teaching approach at preschool. <b>Teaching method</b> • Lectures – Lab tutorials in groups         • Kindergarten practice <b>Student workload (hours)</b> Lectures         Lab tutorials         Study for course preparation         Compulsory kindergarten practice         Kindergarten practice-related assignment preparation         Collaboration with tutor         Exam Preparation	s sizes, metre and measurement units, asurement. ement.
Course Content         1. Space and Geometry         • Spatial relationships.         • Topological approach to space.         • Projective approach to space.         • Euclidean (space) approach to space         • Geometric concepts development: Piagetian appingeometric concepts.         • Teaching approach at preschool         2. Quantities/sizes and measurements         • The conceptual field of continuous sizes: continuous measurement processes.         • Development of the concepts of sizes and their measurement processes.         • Development of the concepts of sizes and their measurement processes.         • Development of the concepts of sizes and their measure treaching approach at preschool         3. Numerical concepts         • Meaning of natural numbers         • Structure of natural numbers.         • Number representations.         • Development of numerical concepts: Piaget, Gelan         • Teaching approach at preschool.         Teaching method         > Lectures – Lab tutorials in groups         > Kindergarten practice         Student workload (hours)         Lectures         Lab tutorials         Study for course preparation         Compulsory kindergarten practice         Kindergarten practice-related assignment preparation         Collaboration	s sizes, metre and measurement units, asurement. ement.
<ol> <li>Space and Geometry         <ul> <li>Spatial relationships.</li> <li>Topological approach to space.</li> <li>Projective approach to space.</li> <li>Euclidean (space) approach to space</li> <li>Geometric concepts development: Piagetian appigeometric concepts.</li> <li>Teaching approach at preschool</li> </ul> </li> <li>Quantities/sizes and measurements         <ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their me</li> <li>Difficulties in understanding sizes and their measure treaching approach at preschool</li> </ul> </li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan teaching approach at preschool.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> </ul> </li> <li>Kindergarten practice-related assignment preparation</li> <li>Collaboration with tutor</li> </ol>	s sizes, metre and measurement units, asurement. ement.
<ul> <li>Spatial relationships.</li> <li>Topological approach to space.</li> <li>Projective approach to space.</li> <li>Euclidean (space) approach to space</li> <li>Geometric concepts development: Piagetian approach at preschool</li> <li>Quantities/sizes and measurements</li> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their measurement processes.</li> <li>Development of the concepts of sizes and their measurement processes.</li> <li>Numerical concepts</li> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelant</li> <li>Teaching approach at preschool.</li> </ul> Teaching method <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> Student workload (hours) Lectures Lab tutorials Study for course preparation Compulsory kindergarten practice Ki	s sizes, metre and measurement units, asurement. ement.
<ul> <li>Topological approach to space.</li> <li>Projective approach to space.</li> <li>Euclidean (space) approach to space</li> <li>Geometric concepts development: Piagetian approach at preschool</li> <li>Quantities/sizes and measurements</li> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their measure</li> <li>Teaching approach at preschool</li> <li>Numerical concepts</li> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching approach at preschool.</li> </ul>	s sizes, metre and measurement units, asurement. ement.
<ul> <li>Projective approach to space.</li> <li>Euclidean (space) approach to space</li> <li>Geometric concepts development: Piagetian approach at preschool</li> <li>Quantities/sizes and measurements         <ul> <li>Teaching approach at preschool</li> </ul> </li> <li>Quantities/sizes and measurements         <ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their me</li> <li>Difficulties in understanding sizes and their measurement processes.</li> <li>Development of the concepts of sizes and their measurement processes.</li> <li>Development of the concepts of sizes and their measurement approach at preschool</li> </ul> </li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelant</li> <li>Teaching approach at preschool.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>Lab tutorials</li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice-related assignment preparation</li> <li>Collaboration with tutor</li> <li>Exam Preparation</li> </ul> </li></ul>	s sizes, metre and measurement units, asurement. ement.
<ul> <li>Euclidean (space) approach to space</li> <li>Geometric concepts development: Piagetian approach at preschool</li> <li>Quantities/sizes and measurements         <ul> <li>Teaching approach at preschool</li> </ul> </li> <li>Quantities/sizes and measurements         <ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their me</li> <li>Difficulties in understanding sizes and their measurement processes.</li> <li>Development of the concepts of sizes and their measurement processes.</li> <li>Development of a torestanding sizes and their measurements</li> <li>Teaching approach at preschool</li> </ul> </li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelant</li> <li>Teaching approach at preschool.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>Lab tutorials</li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice-related assignment preparation</li> <li>Collaboration with tutor</li> <li>Exam Preparation</li> </ul> </li></ul>	s sizes, metre and measurement units, asurement. ement.
<ul> <li>Geometric concepts development: Piagetian appropriate the geometric concepts.</li> <li>Teaching approach at preschool</li> <li>Quantities/sizes and measurements         <ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their me</li> <li>Difficulties in understanding sizes and their measure</li> <li>Teaching approach at preschool</li> </ul> </li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelant</li> <li>Teaching approach at preschool.</li> </ul> </li> </ul>	s sizes, metre and measurement units, asurement. ement.
geometric concepts. • Teaching approach at preschool 2. Quantities/sizes and measurements • The conceptual field of continuous sizes: continuous measurement processes. • Development of the concepts of sizes and their measure • Difficulties in understanding sizes and their measure • Teaching approach at preschool 3. Numerical concepts • Meaning of natural numbers • Structure of natural numbers. • Number representations. • Development of numerical concepts: Piaget, Gelan • Teaching approach at preschool. <b>Teaching method</b> > Lectures – Lab tutorials in groups > Kindergarten practice <b>Student workload (hours)</b> Lectures Lab tutorials Study for course preparation Compulsory kindergarten practice Kindergarten practice-related assignment preparation Collaboration with tutor Exam Preparation	s sizes, metre and measurement units, asurement. ement.
<ul> <li>Teaching approach at preschool</li> <li>Quantities/sizes and measurements         <ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their me</li> <li>Difficulties in understanding sizes and their measurement processes.</li> <li>Development of the concepts of sizes and their measurement gapproach at preschool</li> </ul> </li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelant</li> <li>Teaching approach at preschool.</li> </ul> </li> </ul>	asurement. ement.
<ol> <li>Quantities/sizes and measurements         <ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their measurement processes.</li> <li>Development of the concepts of sizes and their measurement gapproach at preschool</li> </ul> </li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelant</li> <li>Teaching method</li> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice-related assignment preparation</li> <li>Collaboration with tutor</li> <li>Exam Preparation</li> </ol>	asurement. ement.
<ul> <li>The conceptual field of continuous sizes: continuous measurement processes.</li> <li>Development of the concepts of sizes and their measure</li> <li>Difficulties in understanding sizes and their measure</li> <li>Teaching approach at preschool</li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching approach at preschool.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice-related assignment preparation</li> <li>Collaboration with tutor</li> </ul>	asurement. ement.
<ul> <li>measurement processes.</li> <li>Development of the concepts of sizes and their measure</li> <li>Difficulties in understanding sizes and their measure</li> <li>Teaching approach at preschool</li> <li>Numerical concepts <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching method</li> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> </ul>	asurement. ement.
<ul> <li>Development of the concepts of sizes and their measure</li> <li>Difficulties in understanding sizes and their measure</li> <li>Teaching approach at preschool</li> <li>Numerical concepts</li> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching method</li> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> </ul>	ement.
<ul> <li>Difficulties in understanding sizes and their measure</li> <li>Teaching approach at preschool</li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching method</li> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> <li>Study for course preparation</li> </ul> <li>Collaboration with tutor</li> <li>Exam Preparation</li>	ement.
<ul> <li>Teaching approach at preschool</li> <li>Numerical concepts         <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching method</li> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Study for course preparation</li> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> </ul>	
<ul> <li>3. Numerical concepts <ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching approach at preschool.</li> </ul> </li> <li>Teaching method <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> </li> <li>Student workload (hours) <ul> <li>Lectures</li> <li>Lab tutorials</li> </ul> </li> <li>Study for course preparation <ul> <li>Compulsory kindergarten practice</li> <li>Kindergarten practice</li> <li>Kindergarten practice</li> </ul> </li> </ul>	an.
<ul> <li>Meaning of natural numbers</li> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching method</li> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> Student workload (hours) Lectures Lab tutorials Study for course preparation Compulsory kindergarten practice <	an.
<ul> <li>Structure of natural numbers.</li> <li>Number representations.</li> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching approach at preschool.</li> </ul> Teaching method <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> Student workload (hours) Lectures Lab tutorials Study for course preparation Compulsory kindergarten practice Kindergarten prac	an.
<ul> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching approach at preschool.</li> </ul> Teaching method <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> Student workload (hours) <ul> <li>Lectures</li> <li>Lab tutorials</li> </ul> Study for course preparation Compulsory kindergarten practice Kindergarten practice related assignment preparation Collaboration with tutor Exam Preparation	an.
<ul> <li>Development of numerical concepts: Piaget, Gelan</li> <li>Teaching approach at preschool.</li> </ul> Teaching method <ul> <li>Lectures – Lab tutorials in groups</li> <li>Kindergarten practice</li> </ul> Student workload (hours) Lectures Lab tutorials Study for course preparation Compulsory kindergarten practice Kindergart	an.
Teaching approach at preschool.  Teaching method     Lectures – Lab tutorials in groups     Kindergarten practice  Student workload (hours) Lectures Lab tutorials  Study for course preparation  Compulsory kindergarten practice  Kindergarten practice-related assignment preparation  Collaboration with tutor  Exam Preparation	
Teaching method         > Lectures – Lab tutorials in groups         > Kindergarten practice         Student workload (hours)         Lectures         Lab tutorials         Study for course preparation         Compulsory kindergarten practice         Kindergarten practice-related assignment preparation         Collaboration with tutor         Exam Preparation	
Lectures Lab tutorials Study for course preparation Compulsory kindergarten practice Kindergarten practice-related assignment preparation Collaboration with tutor Exam Preparation	
Study for course preparation         Compulsory kindergarten practice         Kindergarten practice-related assignment preparation         Collaboration with tutor         Exam Preparation	26
Study for course preparation         Compulsory kindergarten practice         Kindergarten practice-related assignment preparation         Collaboration with tutor         Exam Preparation	13
Compulsory kindergarten practice Kindergarten practice-related assignment preparation Collaboration with tutor Exam Preparation	30
Kindergarten practice-related assignment preparation Collaboration with tutor Exam Preparation	
Collaboration with tutor Exam Preparation	40
Exam Preparation	10
	5
	30
	154
Assessment method	
Compulsory assignment	20%
Written exams	80%
Research assignment for ERASMUS students	100%
Selected Bibliography -Copeland, R. (1984). How children learn mathematics. New York: M -Kamii, C., De Clark, G. (1995). Τα παιδιά ξαναεφευρίσκουν την Αριθ -Καφούση, Σ., Σκουμπουρδή, Χ. (2008). Τα Μαθηματικά των παιδιών -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Math Dordrecht: Kluwer Academic Publishers. -Nunes, T. & Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά. Αθήνα	emillan Publishing Company

-Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg.

SCIENCE EDUCATION AT PRE	SCHOOL II
Lecturer's Name Katerina Plakitsi	
Course Code IINE149	Semester VI
	Course Level Third
ECTS 5	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
<ol> <li>Course Content         <ol> <li>The role of early childhood teacher under the prism of co.</li> <li>Intercultural and interdisciplinary approaches in Science</li> <li>The role of the museum in Science Education.</li> <li>Science Education and new technologies.</li> <li>Assessment in Science Education.</li> <li>Teaching strategies in Science Education.</li> </ol> </li> </ol>	
Teaching method         >       Lectures - Short individual and group assignments         >       Lab tutorials in groups         >       Two-week kindergarten practice	
Student workload (hours) Lectures	26
	-
Lab tutorials	13
Study for course preparation	30
Compulsory kindergarten practice	40
Kindergarten practice-related assignment preparation	10
Collaboration with tutor	5
Exam Preparation	30
Total hours	154
Assessment method	
Compulsory lab tutorial	20%
Compulsory kindergarten practice-related assignment	20%
Oral exams	60%
Research assignment for ERASMUS students	60%
Compulsory lab tutorial for ERASMUS students	20%
Compulsory kindergarten practice-related assignment for ERASM	IUS students 20%
<ul> <li>Selected Bibliography</li> <li>-American Association for the Advancement of Science (AAA Americans, Oxford University Press. (http://www.project2061.org</li> <li>-Roth, W. M. (1995). Authentic school science: Knowing and lead Dordrecht, Netherlands: Kluwer Academic Publishing.</li> <li>-Unesco, (1993), Project 2000+ Science and (http://www.ddc2000.com/products/ s2k_s&amp;s.htm#u51).</li> <li>-Πλακίτση Κατερίνα, (2007) (προς εκτύπωση). Διδακτική των απρώτη σχολική ηλικία: Σύγχρονες τάσεις και προσπτικές. Αθήνα, I</li> <li>-Ραβάνης, Κ. (2003). Οι Φυσικές Επιστήμες στην Προσχολική Εκ</li> </ul>	). arning in open-inquiry science laboratories. Technology Education for All. Φυσικών Επιστημών στην προσχολική και Εκδόσεις Πατάκη, σ. xxx.

Lecturer's Name Maria Kaldrimidou       Semester VII         Course Code NE116α       Semester VII         Study Year 4 <sup>th</sup> Course Level Third         ECTS 3       Teaching credits 3         Course category Compulsory Elective       Teaching credits 3         Course Content       1         1.       Analysis of teaching approaches in early childhood.         •       Bibliographical update         •       Article Analysis         •       Comparative study of teaching approaches         2.       Teaching approach planning         •       Teaching approach planning on the basis of the mathematical aim.         •       Analysis of the mathematical aim on the basis of the teaching approach.         Teaching method       >         >       Lectures         >       Individual assignments         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       100%         Selected Bibliography       100%         Selected Bibliography       100%         Belencter Kituwer Academic Publishers.       .         -Coopeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.	TOPICS IN TEACHING MATHEM	ATICS AT PRESCHOOL
Study Year 4 <sup>m</sup> Course Level Third         ECTS 3       Teaching credits 3         Course Category Compulsory Elective       Course Content         1.       Analysis of teaching approaches in early childhood.         •       Bibliographical update         •       Article Analysis         •       Comparative study of teaching approaches         2.       Teaching approach planning on the basis of the mathematical aim.         •       Teaching approach planning on the basis of the teaching approach.         Teaching method       >         >       Lectures         >       Individual assignments         Student workload (hours)       26         Lab tutorials       113         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Course Education. Dordrecht: Kluwer Academic Publishers.       100%         Selected Bibliography       100%         Selected Bibliography       100%         Selected Bibliography       100%         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York		
ECTS 3       Teaching credits 3         Course category Compulsory Elective       Course Content         1.       Analysis of teaching approaches in early childhood.       • Bibliographical update         • Article Analysis       • Comparative study of teaching approaches         2.       Teaching approach planning       • Comparative study of teaching approaches         2.       Teaching approach planning on the basis of the mathematical aim.         • Analysis of the mathematical aim on the basis of the teaching approach.         Teaching method       >         > Lectures       26         Lab tutorials       113         Student workload (hours)       124         Lectures       26         Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       100%         Selected Bibliography       100%         Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz,	Course Code NE116a	Semester VII
Course category Compulsory Elective         Course Language Greek         Course Content         1. Analysis of teaching approaches in early childhood. <ul> <li>Bibliographical update</li> <li>Article Analysis</li> <li>Comparative study of teaching approaches</li> </ul> 2. Teaching situation planning       • Teaching approach planning on the basis of the mathematical aim.         • Analysis of the mathematical aim on the basis of the teaching approach.         Teaching method       >         > Lectures       26         Lab tutorials       13         Student workload (hours)       13         Lectures       26         Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Compulsory assignment       100%         Selected Bibliography       100%         Belshop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.       -Coopeland, R. (1984). How children lear mathematics. New York: Macmillan Publishing Company.       -Mansfield, H., Pateman, N. A. & Bednarz, N, (EdS). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.	Study Year 4 <sup>th</sup>	Course Level Third
Course Language Greek         Course Content         1. Analysis of teaching approaches in early childhood.         Bibliographical update         Article Analysis         Comparative study of teaching approaches         2. Teaching situation planning         Teaching approach planning on the basis of the mathematical aim.         Analysis of the mathematical aim on the basis of the teaching approach.         Teaching method         > Lectures         > Individual assignments         Student workload (hours)         Lectures         26         Lab tutorials         Study for course preparation         Collaboration with the lecturer         5         Assignment preparation         400         Total hours         124         Assessment method         Compulsory assignment         Compulsory assignment         9         9         9         9         9         100%         Selected Bibliography         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn math	ECTS 3	Teaching credits 3
Course Content         1.       Analysis of teaching approaches in early childhood.         ●       Bibliographical update         ●       Article Analysis         ●       Comparative study of teaching approaches         2.       Teaching situation planning         ●       Teaching approach planning on the basis of the mathematical aim.         ●       Analysis of the mathematical aim on the basis of the teaching approach.         Teaching method         >       Lectures         >       Individual assignments         Student workload (hours)         Lectures       26         Lab tutorials       113         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assignment method         Compulsory assignment         Generation: Laborde: C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.		
1. Analysis of teaching approaches in early childhood. <ul> <li>Bibliographical update</li> <li>Article Analysis</li> <li>Comparative study of teaching approaches</li> </ul> 2. Teaching situation planning       • Teaching approach planning on the basis of the mathematical aim.         • Analysis of the mathematical aim on the basis of the teaching approach. <b>Teaching method</b> <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> Student workload (hours)       26         Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       26         Compulsory assignment       100%         Selected Bibliography       100%         Selected Bibliography       100%         Selected Bibliography       100%         -Copeland, R. (1984). How children lear mathematics. New York: Macmillan Publishing Company.       -         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.       -         -Nunes, T. & Bryant, P. (2007). Ta matök kávouv Maθηματικά Aθήνα: Gutenberg.       -		
<ul> <li>Bibliographical update         <ul> <li>Article Analysis</li> <li>Comparative study of teaching approaches</li> </ul> </li> <li>Teaching situation planning         <ul> <li>Teaching approach planning on the basis of the mathematical aim.</li> <li>Analysis of the mathematical aim on the basis of the teaching approach.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>26</li> <li>Lab tutorials</li> <li>13</li> <li>Study for course preparation</li> <li>40</li> <li>Collaboration with the lecturer</li> <li>5</li> <li>Assignment preparation</li> <li>40</li> <li>Total hours</li> <li>124</li> </ul> </li> <li>Assessment method         <ul> <li>Compulsory assignment</li> <li>Studerent K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Ta maioá kávouv Maθηματικά. Αθήνα: Gutenberg.</li> <li>-Tsckárkn, M. (2007). Mixpá maioá, μεγάλα μαθηματικά voήματα. Aθήνα: Gutenberg.</li> <li>-Tsckárkn, M. (2007). Mixpá maioá, μεγάλα μαθηματικά voήματα. Aθήνα: Gutenberg.</li> </ul> </li> </ul>		
<ul> <li>Article Analysis         <ul> <li>Comparative study of teaching approaches</li> </ul> </li> <li>Teaching approach planning on the basis of the mathematical aim.</li> <li>Analysis of the mathematical aim on the basis of the teaching approach.</li> </ul> Teaching method <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> Student workload (hours) <ul> <li>Lectures</li> <li>Collaboration with the lecturer</li> </ul> Assignment preparation <ul> <li>40</li> </ul> Collaboration with the lecturer <ul> <li>5</li> </ul> Assignment preparation <ul> <li>40</li> </ul> Total hours <ul> <li>124</li> </ul> Assessment method Compulsory assignment <ul> <li>100%</li> </ul> Selected Bibliography <ul> <li>Bishop, A., Clements, K., Keitel, Ch., Kilpatrick, J., Laborde, C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers. <ul> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> </ul> -Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Vunes, T. &amp; Bryant, P. (2007). Ta matoia kávouv Mathpuarıká. Athfya: Gutenberg.</li> <li>-Tigskákn, M. (2007). Mixpá matoiá, μεγάλα μαθηματικά voήμara. Athfya: Gutenberg</li> </ul>		d.
<ul> <li>Comparative study of teaching approaches</li> <li>Teaching situation planning         <ul> <li>Teaching situation planning on the basis of the mathematical aim.</li> <li>Analysis of the mathematical aim on the basis of the teaching approach.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>Lab tutorials</li> <li>Study for course preparation</li> <li>Collaboration with the lecturer</li> <li>Assignment preparation</li> <li>400</li> <li>Total hours</li> <li>Total hours</li> </ul> </li> <li>Assessment method         <ul> <li>Compulsory assignment</li> <li>Selected Bibliography</li> <li>-Bishop, A., Clements, K., Keitel, Ch., Kilpatrick, J., Laborde, C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N. (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Ta maiotá kávouv Maθηματικά. Αθήνα: Gutenberg.</li> <li>-Tζεκάκη, M. (2007). Miκρά maiotá, μεγάλα μαθηματικά voŋματα. Αθήνα: Gutenberg.</li> </ul> </li> </ul>		
<ul> <li>2. Teaching situation planning         <ul> <li>Teaching approach planning on the basis of the mathematical aim.</li> <li>Analysis of the mathematical aim on the basis of the teaching approach.</li> </ul> </li> <li>Teaching method         <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>26</li> <li>Lab tutorials</li> <li>13</li> <li>Study for course preparation</li> <li>40</li> <li>Collaboration with the lecturer</li> <li>5</li> <li>Assignment preparation</li> <li>40</li> <li>Total hours</li> <li>124</li> </ul> </li> <li>Assessment method         <ul> <li>Compulsory assignment</li> <li>100%</li> <li>Selected Bibliography             <ul> <li>-Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Ta maībā kávouv Maθηματικά. Αθήγα: Gutenberg.</li> <li>-Tζεκάκη, M. (2007). Miκρά παιδή, μεγάλα μαθηματικά voήματα. Αθήγα: Gutenberg</li> </ul> </li> </ul></li></ul>		
<ul> <li>Teaching approach planning on the basis of the mathematical aim.</li> <li>Analysis of the mathematical aim on the basis of the teaching approach.</li> </ul> Teaching method <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> Student workload (hours) Lectures <ul> <li>Individual assignments</li> </ul> Student workload (hours) Lectures <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> Student workload (hours) Lectures <ul> <li>Student workload (hours)</li> </ul> Lectures <ul> <li>26</li> </ul> Lab tutorials <ul> <li>13</li> </ul> Study for course preparation <ul> <li>40</li> </ul> Collaboration with the lecturer <ul> <li>5</li> </ul> Assignment preparation <ul> <li>40</li> </ul> Total hours <ul> <li>124</li> </ul> Assessment method <ul> <li>Compulsory assignment</li> <li>100%</li> </ul> Selected Bibliography <ul> <li>Bishop, A., Clements, K., Keitel, Ch., Kilpatrick, J., Laborde, C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers. <ul> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Ta maīdi k kávouv Maθηματικά. Αθήγα: Gutenberg.</li> <li>-Tζεκάκη, M. (2007). Μικρά παιδιά, μεγάλα μαθηματικά voήμαra. Αθήγα: Gutenberg.</li> </ul></li></ul>		es
<ul> <li>Analysis of the mathematical aim on the basis of the teaching approach.</li> <li>Teaching method         <ul> <li>Lectures</li> <li>Individual assignments</li> </ul> </li> <li>Student workload (hours)         <ul> <li>Lectures</li> <li>26</li> <li>Lab tutorials</li> <li>13</li> <li>Study for course preparation</li> <li>40</li> <li>Collaboration with the lecturer</li> <li>5</li> <li>Assignment preparation</li> <li>40</li> <li>Total hours</li> <li>124</li> </ul> </li> <li>Assessment method         <ul> <li>Compulsory assignment</li> <li>Generation</li> <li>Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Ta matõid κάνουν Μαθηματικά. Αθήνα: Gutenberg.</li> <li>-Tζεκάκη, M. (2007). Μικρά παιδιά κάνουν Μαθηματικά νοήματα. Αθήνα: Gutenberg.</li> </ul> </li> </ul>		he methometical sim
Teaching method       >         > Individual assignments         Student workload (hours)         Lectures       26         Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       124         Compulsory assignment       100%         Selected Bibliography       100%         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta maiõrá κάνουν Μαθηματικά. Αθήγα: Gutenberg.         -Tζεκάκη, Μ. (2007). Μικρά παιδιά μεγάλα μαθηματικά νοήματα. Αθήγα: Gutenberg	Apply sis of the mathematical sim on the basis	ne mainemalical alm.
<ul> <li>Lectures</li> <li>Individual assignments</li> <li>Student workload (hours)</li> <li>Lectures</li> <li>Lectures</li> <li>26</li> <li>Lab tutorials</li> <li>13</li> <li>Study for course preparation</li> <li>40</li> <li>Collaboration with the lecturer</li> <li>5</li> <li>Assignment preparation</li> <li>40</li> <li>Total hours</li> <li>124</li> </ul> Assessment method           Compulsory assignment         100%           Selected Bibliography         100%           Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.           -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.           -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.           -Nunes, T. & Bryant, P. (2007). Ta ratolórá rávouv Maθηματικά. Αθήνα: Gutenberg.           -Τζεκάκη, M. (2007). Mikpá rraiðiá, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg.		s of the teaching approach.
<ul> <li>Lectures</li> <li>Individual assignments</li> <li>Student workload (hours)</li> <li>Lectures</li> <li>Lectures</li> <li>26</li> <li>Lab tutorials</li> <li>13</li> <li>Study for course preparation</li> <li>40</li> <li>Collaboration with the lecturer</li> <li>5</li> <li>Assignment preparation</li> <li>40</li> <li>Total hours</li> <li>124</li> </ul> Assessment method           Compulsory assignment         100%           Selected Bibliography         100%           Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.           -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.           -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.           -Nunes, T. & Bryant, P. (2007). Ta matoia kávouv Maθηματικά. Αθήνα: Gutenberg.           -Τζεκάκη, M. (2007). Mikpá matoid, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg.	Teaching method	
Student workload (hours)         Lectures       26         Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       124         Compulsory assignment       100%         Selected Bibliography       100%         Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta πaιδiά κάνουν Μαθηματικά. Αθήνα: Gutenberg.         -Tζεκάκη, M. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg.		
Student workload (hours)         Lectures       26         Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       124         Compulsory assignment       100%         Selected Bibliography       100%         Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta πaιδiά κάνουν Μαθηματικά. Αθήνα: Gutenberg.         -Tζεκάκη, M. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg.	Individual assignments	
Lab tutorials       13         Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method         Compulsory assignment         Assessment method         Compulsory assignment         Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta παιδιά κάνουν Μαθηματικά. Αθήνα: Gutenberg.         -Tζεκάκη, M. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg		
Study for course preparation       40         Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       124         Compulsory assignment       100%         Selected Bibliography       100%         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta παιδιά κάνουν Μαθηματικά. Αθήνα: Gutenberg.         -Τζεκάκη, M. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg	Lectures	26
Collaboration with the lecturer       5         Assignment preparation       40         Total hours       124         Assessment method       124         Compulsory assignment       100%         Selected Bibliography       100%         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children.         Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta παιδιά κάνουν Μαθηματικά Λθήνα: Gutenberg.         -Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg	Lab tutorials	13
Assignment preparation       40         Total hours       124         Assessment method       100%         Compulsory assignment       100%         Selected Bibliography       100%         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children.         Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Ta παιδιά κάνουν Μαθηματικά Λθήνα: Gutenberg.         -Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg	Study for course preparation	40
Total hours       124         Assessment method       100%         Selected Bibliography       100%         -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.       -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.       -Nunes, T. & Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά. Αθήνα: Gutenberg.         -Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg       -Τζεκάκη, Μ. (2007).	Collaboration with the lecturer	5
Assessment method       100%         Compulsory assignment       100%         Selected Bibliography       -Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.         -Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.         -Mansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.         -Nunes, T. & Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά Λθήνα: Gutenberg.         -Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg	Assignment preparation	40
Compulsory assignment100%Selected BibliographyBishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic PublishersCopeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing CompanyMansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic PublishersNunes, T. & Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά νοήματα. Αθήνα: GutenbergΤζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg	Total hours	124
Compulsory assignment100%Selected BibliographyBishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic PublishersCopeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing CompanyMansfield, H., Pateman, N. A. & Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic PublishersNunes, T. & Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά νοήματα. Αθήνα: GutenbergΤζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg		
<ul> <li>Selected Bibliography</li> <li>Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά Λθήνα: Gutenberg.</li> <li>-Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg</li> </ul>		
<ul> <li>Bishop, A., Clements, K., Keitel. Ch., Kilpatrick, J., Laborde. C. (1996). International Handbook of Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>Nunes, T. &amp; Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά Λθήνα: Gutenberg.</li> <li>-Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg</li> </ul>		100%
<ul> <li>Mathematics Education. Dordrecht: Kluwer Academic Publishers.</li> <li>-Copeland, R. (1984). How children learn mathematics. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). Mathematics for tomorrow's young children. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά. Αθήνα: Gutenberg.</li> <li>-Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg</li> </ul>		
<ul> <li>-Copeland, R. (1984). <i>How children learn mathematics</i>. New York: Macmillan Publishing Company.</li> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). <i>Mathematics for tomorrow's young children</i>. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). <i>Τα παιδιά κάνουν Μαθηματικά</i>. Αθήνα: Gutenberg.</li> <li>-Τζεκάκη, Μ. (2007). <i>Μικρά παιδιά, μεγάλα μαθηματικά νοήματα</i>. Αθήνα: Gutenberg</li> </ul>		
<ul> <li>-Mansfield, H., Pateman, N. A. &amp; Bednarz, N, (Eds). (1996). <i>Mathematics for tomorrow's young children</i>. Dordrecht: Kluwer Academic Publishers.</li> <li>-Nunes, T. &amp; Bryant, P. (2007). Τα παιδιά κάνουν Μαθηματικά. Αθήνα: Gutenberg.</li> <li>-Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg</li> </ul>		
Dordrecht: Kluwer Academic Publishers. -Nunes, T. & Bryant, P. (2007). <i>Τα παιδιά κάνουν Μαθηματικά</i> . Αθήνα: Gutenberg. -Τζεκάκη, Μ. (2007). <i>Μικρά παιδιά, μεγάλα μαθηματικά νοήματα</i> . Αθήνα: Gutenberg		
-Nunes, T. & Bryant, P. (2007). <i>Τα παιδιά κάνουν Μαθηματικά</i> . Αθήνα: Gutenberg. -Τζεκάκη, Μ. (2007). <i>Μικρά παιδιά, μεγάλα μαθηματικά νοήματα</i> . Αθήνα: Gutenberg		so). Mathematics for tomorrow's young children.
-Τζεκάκη, Μ. (2007). Μικρά παιδιά, μεγάλα μαθηματικά νοήματα. Αθήνα: Gutenberg		ακά Αθήνα. Gutenberg
	-Τζεκάκη. Μ. (2007). Μικρά παιδιά, μενάλα μαθηματικά νοήματα. Αθήνα: Gutenberg.	
-1 a transmitted in the second sec		

TOPICS IN SCIE	NCE EDUCATION
Lecturer's Name Katerina Plakitsi	
Course Code ПNE136	Semester VIII
Study Year 4th	Course Level Third
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content	
<ol> <li>Teaching flotation and solid body submersion in early childhood.</li> </ol>	
2. Teaching the water cycle.	
3. Teaching air properties and air contamination	
<ol> <li>Teaching traditional and contemporary ways</li> <li>Teaching basic concepts, such as space, tim</li> </ol>	
<ol> <li>Teaching basic concepts, such as space, tim</li> <li>Intercultural approaches towards a specific th</li> </ol>	
7. The teacher's and the student's role in Science	
8. Conditions and processes for cooperative lea	
9. Historical and philosophical dimensions of na	
10. The nature of science.	
* The themes mentioned above are only inc	licative and may differ according to the participants
preferences.	
	pllowing: the subject of knowledge, the difficulties
	e relative concepts, suggested side activities, teaching
tools and series of activities or projects focus	ing on each topic.
<ul> <li>Lectures - Seminars</li> <li>Individual and group assignments</li> </ul> Student workload (hours)	
Lectures	3
Study for course preparation	4
Assignment preparation	
Collaboration with tutor	
Total hours	124
	I
Assessment method	
Compulsory assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography	
-Κολιόπουλος, Δ. (2006). Θέματα Διδακτικής των Φυσ	ικών Επιστημών. Η συγκρότηση της σχολικής γνώσης
Αθήνα, Μεταίχμιο.	· · · - · · · · · · · · · · · · · · · ·
-Κόκκοτας, Π. (2002) Διδακτική των Φυσικών Επιστι	
Φυσικών Επιστημών, 3η έκδοση βελτιωμένη, εκδ. Γρη	γορη, Αθηνα. Ικάς Επιστάμος: Μια ανασμοιτά στο Απιτοτικά Στο Ιτά
-Σταυρίδου Ε. (2000) Συνεργατική μάθηση στις Φυσ	κες Επιστημες: Μια εφαρμογη στο Δημοτικό Σχολείο
εκδ. Πανεπιστημιακές Εκδόσεις Θεσσαλίας, Βόλος.	
-Κουλαϊδής Β. (Επιμ.) (1995) Αναπαραστάσεις του φυ	τικού κόσμου εκδ Gutenberg Δθήνα

-McComas, W. F. (Ed.) (1998). The Nature of Science in Science Education: Rationales and Strategies. Dordrecht, The Netherlands: Kluwer (Springer) Academic Publishers.

## IV. MODULE OF GENERAL EDUCATION

INTRODUCTION TO THE GREEK LANGUAGE A	ND LINGUISTICS
Name of Lecturer: Nikoletta Tsitsanoudis - Mallidis	
Course Code ПEY100	Semester I
Year of Studies 1 <sup>st</sup>	Level Course Second
ECTS 4	Teaching credits 3
Course Category: Compulsory Elective	
Language of Teaching: Greek	
Course Content	
In the frame of the course we present the beginnings of Linguistics a basic funds from <i>General Linguistics Classes</i> by Ferdinand de Linguistic Analysis (Phonetics, Phonology, Morphology, Syntax, Se of modern linguistics are utilized for the study of Greek Language w Greek. <b>Specifically, the lesson covers the following topics:</b> 1. History of Linguistics and relations with other sciences 2. The linguistic value. The linguistic phenomenon. Discourse, Speed 3. The nature of the linguistic sign. 4. Mother language teaching 5. Phonetics, phonology, morphology: phonological structure, intersyntax, diachronic developments 6. Syntax and Semantics 7. Greek language and sociocultural contexts 8. The genres as social events 9. Linguistic differences 10. Issues of language and identity <b>Teaching Methods</b>	Saussure and we deliver levels of mantics and Vocabulary). The tools with emphasis on teaching of Modern ch, Language
<ul> <li>Lectures</li> <li>Individual and group projects</li> </ul>	
Hours of student's work:	
Total hours of lesson instruction per semester	39
Number of hours required for the preparation of lesson	40
Number of hours of meetings with the lecturer	5
Number of hours for student's preparation for the exams	40
TOTAL HOURS	124
Assessment Method	
Optional assignment	20%
Written or oral exams with assignment	80%
Written or oral exams without assignment	100%
Research assignment for ERASMUS students	100%
<b>Bibliography</b> -Martinet, A. (1997). <i>Elements of General Linguistics</i> . Transla Thessaloniki: Aristotle University of Thessaloniki – Institute of Triantafyllidis Foundation]. -Babiniotis, G. (2010). <i>Meditations on language and our language</i> <i>lessons</i> . Athens: Kastaniotis. -Saussure, F. De (1979). <i>Course in General Linguistics</i> . Translated Papazissis.	f Modern Greek Studies [Manolis ge. Simple language and linguistics

Introduction	
Name of Lecturer: Theodoros Thanos	
Course Code ITEY101	Semester I
Year of Studies 1 <sup>st</sup>	Level Course Second
ECTS 4	Teaching credits 3
Course Category: Compulsory Elective	· • • •
Language of Teaching: Greek	
Course Content	
Teaching Methods	
> Lectures	
Hours of student' s work:	
Total hours of lesson instruction per semester	39
Number of hours required for the preparation of lesson	40
Number of hours of meetings with the lecturer	5
Number of hours for student's preparation for the exams	40
TOTAL HOURS	124
Assessment Method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Bibliography	
-	

INTERNATIONAL FAIRY TALES		
Lecturer's Name Marianna Spanaki		
Course Code IINE437	Semester III	
Study Year 2 <sup>nd</sup>	Course Level Second	
ECTS 4	Teaching credits 3	
Course category Compulsory Elective		
Course Language Greek		
<b>Course Content</b> The course focuses on classics tales and collections of European fairytales, such as the ones by the Brothers Grimm, and Charles Perault amongst others and examines how they were established as children's stories internationally. It deals with the transition from the oral tradition of folktales to the creation of collections of stories appropriate for children taking into account invented ideas about childhood. It refers to historical and cultural constraints and the influences of European thought which led to the emergence of related interests. Furthermore, the course examines the retellings of folk tales and myths resulting to literary tales and it deals with H.C. Andersen's works and some more recent stories. The course will also examine how the tradition of classics tales, and the European fairytales passed into Greece with the help of translations and adaptations, independent publications, school book texts and magazines by focusing on issues of fictionalization, reception and retelling of well known tales both by adults and children. It will discuss the relationship of the folktale and mythic story with children's literature and will refer to specific works. Furthermore, it will investigate issues of adaptation, illustration and film. The course will also deal with some aspects of the creative application of the techniques of adaptation from the repertoire of the international classics tales and fairy tales as regards working together with young children.		
Teaching method		
Lectures - short individual and group assignments – vi	ideo projections	
Student workload (hours)		
Lectures	39	
Study for course preparation	40	
Collaboration with tutor	5	
Exam Preparation 40		
Total hours 124		
Assessment method		
Optional assignment	20%	
Written exams with assignment 80		
Written exams without assignment 100		
Research assignment for ERASMUS students 60%		
Oral exams for ERASMUS students 40%		
Selected Bibliography -Ζαν, Ζ., Η δύναμη των παραμυθιών, Αθήνα: Καστανιώτης 1996. -Β.Δ. Αναγνωστόπουλος, Τέχνη και Τεχνική του παραμυθιού, Αθήνα: Καστανιώτης 1997. -Αυδίκος, Β. επιμ. Από το παραμύθι στα κόμικς. Παράδοση και νεοτερικότητα, Αθήνα: Οδυσσέας 1996. -Καπλάνογλου, Μ. Ελληνική Λαϊκή παράδοση. Τα παραμύθια στα περιοδικά για παιδιά και νέους 1836-1922, Αθήνα: Ελληνικά Γράμματα 1998. -Γεωργίου-Νίλσεν, Μ., Μια φορά κι ένα καιρό ήταν ένας Άντερσεν. Αθήνα: Καστανιώτης 1994.		

-Γεώργίου-Νίλσεν, Μ., Μια φορά κι ένα καιρό ήταν ένας Άντερσεν. Αθήνα: Καστανιώτης 1994.

EDUCATIONAL RESEARCH MET	
Lecturers' Names: Charilos Zaragas, Thomas Bakas, Theodoros Course Code IINE 312	Semester III
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content This course focuses on the introductory ele	
<ul> <li>research planning and realization. It also involves the actual writ structure of the research description up to the main and complem Specifically, the main course units are the following: <ol> <li>Introduction (Meaning and Content of educational resear</li> <li>Research planning and organization (Problem se bibliographical review).</li> <li>Data collection (questionnaires, interviews etc.)</li> <li>Research process (research population and sample, d processing etc.)</li> </ol> </li> </ul>	rentary elements. rch, types of research). election, aims, objectives, assumptions
<ol> <li>Presentation of findings, analysis and interpretation.</li> <li>Research paper writing.</li> </ol>	
Teaching method	
Lectures - short individual and group assignments	
Student workload (hours)	
	2
Tutorials and lab tutorials	1
Study for course preparation (bibliographical search, interassignment presentation preparation)	
Collaboration with tutor	
Exam Preparation	4
Total hours	12
Assessment method	
Optional assignment	209
Written exams with assignment	809
Written exams without assignment	1009
Research assignment for ERASMUS students	1009
Selected Bibliography -Kolin Robson, (2007), (μτφ. Β. Νταλάκου, Κ. Βασιλάκου), Η έρευ	να του πραγματικού κόσμου. Ένα μέσον γι
κοινωνικούς επιστήμονες και επαγγελματίες ερευνητές, εκδ. Guter	nberg, Αθήνα.
-Αθανασίου, Λ. (2007). Μέθοδοι και τεχνικές έρευνας στις επιστήμ	ιες της αγωγής, εκδ. Εφύρα, Ιωάννινα.
-Coen L., Manion L., (μτφ. Χ. Μητσοπούλου, Μ. Φιλοπούλ	λου), (2000), <i>Μεθοδολογία Εκπαιδευτική</i>
Έρευνας, εκδ. Μεταίχμιο.	
-Βάμβουκας Μ., (1988), Εισαγωγή στην Ψυχοπαιδαγωγική έρευν	
- Παπαναστασίου Κ., (1996), Μεθοδολογία εκπαιδευτικής έρευνα	-
$\Box_{\alpha\alpha} = \sigma_{\alpha\alpha} = \sigma_{\alpha\alpha} + (1002) M_{\alpha} = \Sigma_{\alpha} + \sigma_{\alpha\alpha} = \sigma_{\alpha\alpha} + \sigma_{\alpha}$	

- Παρασκευόπουλος Ι. (1993), *Μεθοδολογία Επιστημονικής έρευνας,* τόμοι 1 & 2, αυτοέκδοση

MODERN GREEK MY	THOLOGY
Lecturer's Name P.D. 407	
Course Code IINE441	Semester IV
Study Year 3 <sup>rd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
<b>Course Content</b> Conceptual clarifications on myth and mythology. The diffu- historical and social context of modern Greek fables. Study point of view. Greek mythology content, modern Greek cosm the earth shape. Mythical narratives on the sky, the universe birds. Earthly deities, demonic creatures, Cyclops, fairies, C Nether world, Fortune, Destiny, the Second Advent, the I Honoring the fire, the water, the earth, the air, the trees, th purifying and cathartic myths. Themes and forms of anci Mythical themes and patterns in folk art of architecture, paint types of folk literature: the fairytale, its concept, content, orig and fairytale classification, traditions and various problems of the riddle, the folk song, its context and function. Folk pedagogical value of narratives in everyday life and the lear Modern Greek mythological material in the educational proce	of traditional and modern society. The folklore nological myths / traditions on giants, the ocean, the earth, the stars, the moon, the animals, the Goblins/hobs/poltergeists, Angels, Charon. The Devil. Myths and beliefs about ghost worship, ne stones, the animals. Worshipping, inhibiting, ent mythical world in modern Greek tradition. ing, sculpting, weaving, etc. The myth in various in and dissemination, various theories, research of origin, content and classification, the proverb, narratives in general. The educational and arning process. Fairytale narratives. The use of
Lectures and short individual and group assignment Student workload (hours)	S
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	
Total hours	
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography - Μ.Γ. Μερακλής, Τα παραμύθια μας, (1973), Θεσ/νίκη. -Μ.Γ. Μερακλής, Τι είναι λαϊκή Λογοτεχνία, (1988), Αθήνα: Κ -Πολίτης Ν. Γ., Μελέτη επί του βίου των Νεοτέρων Ελλήνων. -Πολίτης Ν. Γ., Παραδόσεις. Μελέτη περί του βίου και της Γλ Ιστορική έρευνα. -Β.Γ.Προπ, Μορφολογία του παραμυθιού, (1991), Αθήνα: εκδ	Νεοελληνική Μυθολογία, (1871), εν Αθήναις. ώσσης του Ελληνικού λαού, (χ.χ.), Αθήναι: εκδ.

-Μπρούνο Μπετελχάιμ, Η γοητεία των παραμυθιών. Μια ψυχαναλυτική προσέγγιση, (1995), Αθήνα: εκδ. Γλάρος.

HISTORY OF MODERN GREECE AND I	VIODERN GREEK CIVILIZATION II
Lecturer's Name Apostolos G. Papaioannou	
Course Code ΠΝΕ407	Semester V
Study Year 3 <sup>rd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	
Course Content	
1. Transformations in Modern Greek society in 19 <sup>th</sup>	
2. Economic development and alteration of social r	elations.
3. Ideological orientations.	
4. Liberal movements.	
5. Revolutionary movements in 1948-1949.	
6. Greece and the Eastern affair.	
7. Greece and the Epirus affair.	
8. Greece and the Macedonian-Thracian affair.	
9. Greece and the Cretan affair.	
10. Greece and the Cyprus affair.	
Teaching method	
Lectures and short individual and group assignment	ients
Student workload (hours)	
Lectures	3
Study for course preparation	4
Collaboration with tutor	
Exam Preparation	4
Total hours	
Accessment method	
Assessment method Optional assignment	209
Written exams with assignment	809
Written exams without assignment	1009
Research assignment for ERASMUS students	1009
Selected Bibliography	
-Ιστορία του Ελληνικού Έθνους, τ. ΙΣΤ΄, (2000), Αθήνα, Ει	κδοτική Αθηνών
-Jean Meynaud, Π. Μερλόπουλος-Γ. Νοταράς, Οι πολιτικ	
εκδ. Σαββάλας.	
-Μανόλης Γλέζος, Εθνική Αντίσταση 1940-1945, τ. Α΄& Β΄	. (2006), Αθήνα, εκδ. Στογαστής
-Γιώργος Μαργαρίτης, Ιστορία του Ελληνικού Εμφυλίου	

-Γιώργος Μαργαρίτης, Ιστορία του Ελληνικού Εμφυλίου Πολέμου, 1946-1949, τ. Ι΄&ΙΙ΄, (2001), Αθήνα, εκδ. Βιβλιόραμα.

MODERN GREEK	FICTION
Lecturer's Name Ifigenia Triantou	
Course Code IINE433	Semester V
Study Year 3 <sup>rd</sup>	Course Level Second
CTS 4 Teaching credits	
Course category Compulsory Elective	
Course Language Greek	
Course Content This course examines the differentiating factors for prose	
discusses the historical, social and linguistic conditions f Greek prose. The 1789 work "Anonymos" is presented, a translations of Rigas Velestinlis, the school of delicate low The significance of Dionysios Solomos only prose, <i>The Wa</i> works of the old Athenian School are briefly presented. T <i>loanna</i> is one of the works that deconstructed this schoo production of prose literary works. The oratorical speed gradually substituted with $\eta \theta \circ \gamma \rho \alpha \phi i \kappa \delta \varsigma$ short story, short no presented: G. Vizyinos, Al. Papadiamantis, I. Kondylakis Theotokis, K. Crhistomanos and K. Chatzopoulos. Speci presented, specific short stories or excerpts that bring ou analysed in depth. Works and authors published up until t briefly examined.	along with the work and the French short story ers, as well as the prose of Adamantios Korais. <i>Soman of Zakynthos</i> is underlined and authors and the cutting edge satire of Emm. Roides in <i>Pope</i> I's hypocrisy and created new conditions for the ch, romanticism and the historical fiction were ovels and a little fiction. The following authors are , G. Drosinis, A. Karkavitsas, G. Psycharis, K. fically, their biography and their overall work is t the particular characteristics of their prose are
<ul> <li>Lectures - short individual and group assignments</li> <li>Student workload (hours)</li> </ul>	
Lectures	39
Study for course preparation	40
Collaboration with tutor	
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Στεργιόπουλος, Κ. Περιδιαβάζοντας (τόμοι Α΄-Ε΄), Αθήνα,1 -Βουτουρής, Π Γεωργής, Γ. Ο Ελληνισμός στον 19° αι. 2006, Καστανιώτης. -Macherey, Pierre Pour une Théorie de la production Littéra -Τζιόβας, Δ., Το παλίμψηστο της Ελληνικής αφήγησης, Αθή -Τζούμα, Άννα Η διπλή ανάγνωση του κειμένου. Για μια μ	Ιδεολογικές και αισθητικές αναζητήσεις, Αθήνα, nire, Paris, 1966, F. Maspero. να, 2002, Οδυσσέας.

PHILOSOPHY O	EDUCATION II	
Lecturer's Name Charalambos Apostolopoulos		
Course Code IINY412	Semester VI	
Study Year 3 <sup>rd</sup>	Course Level Third	
ECTS 4	Teaching credits 3	
Course category Compulsory Elective		
Course Language Greek		
Course Content		
1. About Enlightenment – I. Kant: Answer to the		ام مام
2. J.J.Rousseau: "Émile: or, on Education", with emphasis on books I-III and especially the principle of addressing (autonomy)		siple of
self-determination (autonomy). 3. KANT: Lectures on Pedagogy.		
4. I. N. THEODORAKOPOULOS: Creation cond	itions of new intellectual forms	
5. The pedagogical theory of J. F. HERBART. H		
6. The pedagogical theory of J. H. PESTALOZZI.		
7. The pedagogical theory of F. FROEBEL.		
8. The pedagogical theory of F.D.E. SCHLEIERMACHER.		
9. The pedagogical theory of W. DILTHEY. The method of hermeneutics in theoretical sciences.		
<ol> <li>F. NIETZSCHE: "<u>Lessons on Education</u>" (= <u>"(</u></li> </ol>	<u>)n the future of our educational institutes</u> " 1872).	
11. "Mut zur Erziehung" ("Courage for education"	as an answer to non-authoritarianism in education	on.)
Teaching method		
> Lectures		
Short individual and group assignments Student workload (baura)		
Student workload (hours)		39
Study for course preparation		40
Collaboration with tutor		5
Exam Preparation		40
Total hours		124
Assessment method		
Optional assignment		20%
Written exams with assignment		80%
Written exams without assignment		100%
о О		4000
Research assignment for ERASMUS students		100%

-Herwig Blankertz, Die Geschichte der Pädagogik. Von der Aufklärung bis zur Gegenwart, Wetzlar 1982.
-Jean-Jacques Rousseau, Αιμίλιος ή περί αγωγής, Αθήνα 2001, Εκδ. Πλέθρον
-F. Nietzsche, Μαθήματα για την Παιδεία, Αθήνα 2006 (1998), Εκδ. Printa.

## V. MODULE OF ART AND EDUCATION

INTRODUCTION TO FINE	ARTS: THEORY & PRACTICE
Lecturer's Name Dimitrios Ratsikas	
Course Code NE503a Semester I	
Study Year 1 <sup>st</sup> Course Level First	
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek Course Content	
fine arts: artistic thinking, theory, practice, productio organically structured in the artistic-aesthetic field. includes exercises on shape and colour. Applicatio and tempera. The drawing remains the basis and simplest and most abstract expression is in black ar and colours, e.g. a white surface looks bigger th important is the pleasure of tangible work, if we wa fine arts. The experience of exercises and applicatio Introduction to the theory of form. Introduction to contrast. Colour features. The composition of light.	ne arts: painting, sculpting, engraving. The basic axis of on and circulation. In this course, theory and practice are The course examines <u>plastic</u> elements and meanings. It ons: painting on paper, with colour pencil, water colours d constant of the above exercises and applications. Its nd white with levels and the special behaviours of shapes an a black surface of equal size. At the end, what is ant to talk generally about applications and exercises on ons in Art is the most substantial educational result. the theory of colour. Basic colours. Other means of The colours of nature. The perception of colours. Colour urs. The role of colour physiology. Colour symbolism.
Teaching method         >       Lectures, discussions         >       Tutorials and lab tutorials on individual and         Student workload (hours)	
Lectures	26
Tutorials and lab tutorials	13
Study for course preparation	5
Collaboration with tutor	40
Exam Preparation	40
Total hours 124	
	I
Assessment method	200/
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Πλάτων, Ιππίας Μείζων ή περί του Καλού. -Αριστοτέλης. Περί Ποιητικής, Εκδ. Oxford, μτφρ Συκουτρή, Αθήνα, α.έ., Εστία. -Πάουλ Κλέε. Η εικαστική σκέψη, εκδ. Μέλισσα 1989 -Wassily Kantinsky. Cours du Bauhaus-Ed. Denoel/ -Βασίλη Καντίνσκι. Σημείο, γραμμή, επίπεδο, εκδόσε	). Gonthier Paris 1975
-Nikolas Wacker, La peinture apartir du materiau bru	ut Ed Allia Paris 2004

-Nikolas Wacker, *La peinture apartir du materiau brut*. Ed. Allia, Paris 2004. -Jean Rudel, *Technique du dessin*, P.U.F., Παρίσι 1979.

PAINTING: THEORY & PI	RACTICE	
Lecturer's Name Dimitrios Ratsikas		
Course Code NE506a	Semester II	
Study Year 1 <sup>st</sup>	Course Level First	
ECTS 4	Teaching credits 3	
Course category Compulsory Elective Course Language Greek		
Course Content		
Introduction to the theory of art and especially fine arts. Art a practice, the techniques. The plastic elements, form (shape Geometry of painting, the theory of analogy. Psycho-ph constructions. Painting from natural. Abstract and specific discriptive paintin and their acquisition up to a certain extent, constitutes the nec art, the expression of a new reality (the world is changing), the selection and finally the enthusiasm over their efficiency en easily the masterpieces of art. The precision of passion method and enthusiasm. The basis is the human being. The with its potentiality, paper, clay, textile, stone. The amplificat modern means. The necessary tools and their command. Men the understanding of the world of constructions.	and colour. The 3-colour theory of colour. hysiology of colour. Exercises-applications, ag. The tools, theoretical, as well as material bessary material of the course. The science of use of materials and tools, the evaluation, the courages the students to approximate more s, the use of tools, of the ruler, the compass, a for work. Art is learnt when one works with materials used in the course are: wood along ion of expressive means with traditional and mory, space and time, necessary concepts for	
Teaching method         > Lectures, discussions         > Tutorials and lab tutorials on individual and group level		
Student workload (hours)		
Lectures	26	
Tutorials and lab tutorials	13	
Study for course preparation	5	
Collaboration with tutor 40		
Exam Preparation	40	
Total hours	124	
Assessment method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Research assignment for ERASMUS students	100%	
Selected Bibliography -Guillanne Apollinaire, Οι κυβιστές ζωγράφοι, εκδόσεις Νεφέλη -Ελένη Βακαλό, Η φυσιογνωμία της μεταπολεμικής τέχνης στην -Daniel Lacomme, La couleur, Εκδ. Dessain et Tolra, Παρίσι 20 -Goethe, Περί Τέχνης, Εκδ. Πρίντα, Αθήνα 2006. -Maurice Deribere, La coulenu, Ed. Puf, Paris 1975.	<i>Ελλάδα</i> , εκδ.Κέδρος 1982.	

	MUSIC I
Lecturer's Name P.D. 407	
Course Code NY 502a Semester III	
Study Year 2 <sup>nd</sup> Course Level Second	
Credits 4	Teaching credits 3
Course category Compulsory Elec	e
Course Language Greek	
Course Content	ture of Musical Dada rank
	ture of Musical Pedagogy.
<ol> <li>Basic principles of Music Didactics in early childhood.</li> <li>Categories of musical activities at the Kindergarten (singing, music and movement, language a</li> </ol>	
rhythm, listening to sound and music, musical performance with simple instruments and body par	
	onal semiography). Emphasis on singing and movement.
4. Basic semiography of literary western music tradition.	
Teaching method	
Lectures	1-
<ul> <li>Individual/group assignme</li> <li>Lab tutorials.</li> </ul>	lS.
Student workload (hours)	
Lectures	21
Lab Tutorials	18
Study for course preparation	40
Collaboration with tutor 5	
Exam Preparation 40	
Total hours	124
Assessment method	000/
Compulsory lab tutorial	20%
Optional assignment	20%
Written exams	60%
Research assignment for ERASMU	S students 100%
Selected Bibliography	
- Abel-Struth, S. (1985). Grundriss	
	ls), (2002). The New Handbook of Research on Music Teaching an
Learning. Oxford: University Press	ic in the early years. London: RoutledgeFalmer.
	ις in the early years. London: RoutledgeFaimer. σική Αγωγή - Η επίδραση της μουσικής μέσα από τη διαθεματική μέθοδ

Σέργη Λ. (1995). Προσχολική Μουσική Αγωγή - Η επίδραση της μουσικής μέσα από τη διαθεματική μέθοδο διδασκαλίας στην ανάπτυξη της προσωπικότητας. Αθήνα: Gutenberg.
 Μακροπούλου, Ε. & Βαρελάς, Δ. (2001). Μουσική. Το πιο συναρπαστικό παιχνίδι. Αθήνα: Fagotto.

#### DRAMATIZATION, THEATRE EXPRESSION, RHYTHM AND MOVEMENT IN THE PRE-SCHOOL AGE

L	_ecturer	's Nam	e Ekaterir	ni Karamitro	u

Course Code IINE438	Semester V
Study Year 3 <sup>rd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek	

#### Course Content

Knowledge and practice in aesthetics: Improvisation – The compact functionalism of Silence – Emission of imagination - Speech training - Diaphragmatic breathing - Proper expression and usage of Hellenic Language and seminal participation and "complicity" in our cultural tradition. Dramatization: the power of images and the "decoding" of symbols. Aesthetic analysis of representative texts (myths-dromena)- Forms of Theatre animation. Theatre instructions - Theatre as a cultural inheritating possession and a compound artistic creation. Theatre workshops through original, unconventional production. Methodology of reading and analysis of dramatic texts. The institution of the Theatre Group "Faos" ("Workshop of Speech and Art") aims at the many-faced and interminable "reading" of Theatre language of the vital, potent "logos" which is constructed by the harmonious union between the articulated and bodily Word. The alluring spectacle training demands the dramatic realization of "ίδιον άλλον" throughout the performance appearances – "ειδή", the interior aspects, the "mythical" contingencies of human existence and their "interaction". In order to understand, nevertheless, the "other", it is previously commanding the acquisition and the perspicuous conception of the "identical" - "ίδιον". "Theatre communion" - "μέθεξις" is the transgression locus where the "identical" encounters the "other". The predominant scientific and artistic concern of Theatric workshop exercise is focused on the research of the multicultural transformations and dimensions of Dramatic Art. Through " $\pi\alpha\rho\alpha$ - $\beta\alpha\sigma_{1}\varsigma$ ". Life is dramatized "elsewhere", for the sake of our "disincrimination". Yet, this "representation" of Life is not at all, unfamiliar. The supreme aim of the Theatre Group, beyond the scientific and aesthetic inquiry, is the deep knowledge of lofty dramatic contingencies, of contemporary artistic versions-adaptations, of Theatre's universal cogency, perpetually instilled, through the great texts and language.

The inseparable part in the "Dramatization" instruction is undoubtedly, "Theatre Expression, Rhythm and Movement", reflected through the dominant remedial dimension of the Chorus which glorifies human body. The primordial, ritual procedure of the Chorus - in the form of "prayer" in its prime youth- is of a primary importance since it comprises a substantial "Study" on Human Body and Soul. Theatre expression, rhythm and movement not only affords the salutary emancipation of the nervous system which "pierces", moulds and dominates in the world of feelings and actions, but it also offers, awareness of the cognitive form of Human Body. Through the ceremonial Choric exercises, the Body can be cherished as it acquires an outstanding glamour, as it becomes sacred, the "womb" of our action the solemn, rhythmic and appeasing dimension of the Chorus endows Human existence with prestige and dignity. Beyond, nevertheless, the predominance of individuation the Chorus "personifies" the collective spirits, it suggests and fosters the Democratic convictions even, the sense of justice through the interactions of Choric activities. The borrowed transformations of the Choric communication, the Silences which respect the "otherness" the improvisation and the multiple qualitative symbolism of action into a poetic "climate" of solidarity, of sharing and of fundamental togetherness are essential instructions of initiative, of noble believes, of conquered and above all of self-knowledge. The Chorus, an inseparable part of the Performing Art, fumbles and it sometimes decodes, through the rending the Dionysiac dis-membership and multiplication of the images - the superlative "narration" of Life itself - our obscure route of Crv. The Chorus is an age-long shout. sensationally and irrevocably "sealed" by the "detachment" of the leading dancer - "koriphaeus", from the body of the Chorus. The Chorus teaches gracefulness- "εμμέλεια", broadmindedness and the rhythmic movement of Silence and unveils to the child the most graceful and poignant "narration" of Life (for example: the Choric Dramatization of fragments from Mythology and Ancient Greek Literature like the: "Labours" of Hercules, Hesiod's "Theogony" etc).

#### Teaching method

- Lectures
  - Short individual and group assignments
  - Group tutorials
  - Lab tutorials in groups

Student workload (hours)	
Lectures	13
Tutorials	13
Lab tutorials	13

Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	50%
Oral exams with assignment	50%
Oral exams without assignment	100%
Optional assignment for ERASMUS students	20%
Written exams with assignment in English for ERASMUS students	80%
Written exams in English for ERASMUS students	100%

#### Selected Bibliography

-Μουδατσάκις Τ., Το Θέατρο ως Πρακτική Τέχνη στην Εκπαίδευση, Εξάντας, Αθήνα 2005. -Άλκηστις, Το Βιβλίο της Δραματοποίησης, Αθήνα 1989.

-Άλκηστις, Το Αυτοσχέδιο Θέατρο στο Σχολείο – Προετοιμασία για τη Δραματοποίηση», Αθήνα 1984.

-Σέργη Λ., Δραματική Έκφραση και Αγωγή του Παίδιού, Gutenberg, Αθήνα 1987.

-Γραμματάς Θ., Το Ελληνικό Θέατρο στον 20° Αιώνα – Πολιτισμικά Πρότυπα και Πρωτοτυπία, Εξάντας, Αθήνα 2002 (2 τόμοι).

-Ομηρικοί Ύμνοι, κείμενο-μετάφραση-σχόλια Δ.Π. Παπαδίτσας – Ε. Λαδιά, Καρδαμίτσα, Αθήνα 1985.

-Γραμματάς Θ., Fantasyland. Θέατρο για παιδικό και νεανικό κοινό, Τυπωθήτω, Αθήνα 1996.

-Θωμαδάκη Μ., Σημειωτική του Ολισθικού Θεατρικού Λόγου, Δόμος, Αθήνα 1993.

-Θεατρικός Αντικατοπτρισμός. Εισαγωγή στην Παραστασιολογία, Ελληνικά Γράμματα, Αθήνα 1999.

-Κούρια Α., Εικόνες του Παιδιού στην Ελληνική Τέχνη του 20<sup>ου</sup> αιώνα, Δωδώνη, Αθήνα 1991.

-Μπακονικόλα – Γεωργοπούλου Χ., Θέατρο και Σχολείο – η Τέχνη του Θεάτρου, Γενική Γραμματεία Νέας Γενιάς/ Τ.Θ.Σ. Πανεπιστημίου Αθηνών, Αθήνα 1998.

-Σέξτου Χ. Π., Δραματοποίηση. Το Βιβλίο του Παιδαγωγού Εμψυχωτή, Καστανιώτης, Αθήνα 1998.

-Beauchamp H. Les Enfants et jeu dramatique, De Boeck, Bruxelles 1984.

-Deldime R., Le theatre pour enfants. Approches psychopedagogique, Semantique et semiologique, Bruxelles, A. De Boeck (Collection Universe des Sciences Humaines), Paris 1976.

-Ubersfeld A. L' école du spectateur, Editions Sociales (Collection Classiques du Peuple), Paris 1978.

-Webster C., Working with theatre in Schools, Pitman, London 1975.

-Whittam P., Teaching speech and drama in the infant schools, Ward Lock Educational 1977.

-Artaud A., Le Theâtre et son Double, Gallimard – Metamorphoses, Paris 1938.

-Robinson, K. (επιμ.), Exploring Theatre and Education, Heinemann, London 1980.

-Grotowski J., *Towards a Poor Theatre* («Για ένα Φτωχό Θέατρο»), Preface by P. Brook, Metheun, London 1986.

MODERN GREEK LITERATURE (THE C Lecturer's Name Ifigenia Triantou	
Course Code IINE434	Semester VI
Study Year 3 <sup>rd</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Compulsory Elective	
Course Language Greek Course Content	
Elucidation of the term "the generation of the 30's". The ambin the past and particularly with the movement of Karyotakis. Ka The use of the experience of Karyotakis and the reviva relationship of this generation with the avant-garde and in movements. The new themes and the relationship with pure revolution emancipating man through art. The formal changes that became necessary in poetry and pro in poetry and and the internal monologue in the narrative. The most prominent writers of the generation of the 30's and to Critical analysis of major excerpts from the work of: K. Kary Ritsos, N. Engonopoulos, A. Empirikos. A proposal for a method of analysis of surrealistic texts, as a modern poetry. Examples of analysis of surrealistic texts. Writers of prose: themes, form and discourse/expression. The essays of the generation of the 30's.	aryotakis and his generation. Facts and denials. If of the "consciousness of hellenicity". The influences from the most important european is poetry and surrealism, which emerges as a use. The psychic flow as a means of expression their work. Totakis, G. Theotokas, G. Seferis, O. Elytis, G.
Teaching method	
Lectures - short individual and group assignments      Student workload (hours)	
Student workload (hours)	39
	40
Study for course preparation	
Collaboration with tutor	5
Exam Preparation	40
•	
Total hours	124
•	124
Total hours	20%
Total hours Assessment method	
Total hours Assessment method Optional assignment	20%

#### Selected Bibliography

-Vitti, Mario: Η γενιά του τριάντα, Αθήνα, 2000, Ερμής.

-Σιαφλέκης,Ζ.: Από τη νύχτα των αστραπών στο ποίημα γεγονός. Συγκριτική ανάγνωση Ελλήνων και Γάλλων υπερρεαλίστών. Αθήνα, 1989, Επικαιρότητα.

-Γιατρομανωλάκης, Γ. : Ανδρέας Εμπειρίκος: ο ποιητής του έρωτα και του νόστου. Αθήνα, 1983. Κέδρος.

-Θεοτοκάς, Γ. : Αναζητώντας τη διαύγεια. Δοκίμια για τη νεότερη ελληνική και ευρωπαϊκή λογοτεχνία. (Εισαγωγή- Επιμέλεια : Δημήτρης Τζιόβας), Αθήνα, 2005, Βιβλιοπωλείο της Εστίας.

-Μπρετόν, Αντρέ : Μανιφέστα του σουρρεαλισμού (Εισαγωγή- μετάφραση- σημειώσεις Ελένης Μοσχονά), Aθήνα- Γιάννινα, 1983, Δωδώνη. Cohn, Dorrit: *Transparent minds*, 1978, Princeton University Press, Guildford, Surrey.

THEATRE	PLAY
Lecturer's Name Ekaterini Karamitrou	
Course Code ΠΝΕ439	Semester VIII
Study Year 4 <sup>th</sup> ECTS 4	Course Level Third Teaching credits 3
Course category Compulsory Elective	Teaching credits 3
Course Language Greek	
Course Content	
The pedagogic aspects – "όψεις" of the "Theatre Play Deciphering of modes of expressiveness - self-conscio (the primeval, sacred "womb") usage and practice of the the quality and the length of the voice because it strer interesting and alluring – exercise of the solid, "full-bl "accomplice" distance of the mask – The omnipotence o "Dromena" – Epic, folk stories, fairy-tales and fables – M etc): familiarity with the traditional values and approach Historical Past. Collectiveness and moulding of conscier Play, through the tracing of the Body and Mind induces "otherness" eventually. Through the flood of the senses infants expose themselves to places unsunned, painful f aspects of the "Theatre Play", an endless journey towa and the prevalent significance of the "Theatre Play" are their hinterland. Through the "communion" – "μέθεξις", o even the impervious, ineffable concepts belonging to the inscribed in the psycho-intellectual "land" of the infants ' "reasoning" of the adults, away from the age of "prude universal beauty of Theatrical Art cultivate its beneficial images of the world with clarity and vivacity. The sound infants at the "spectrum" and the hearing of human ge "represented" Life of the heroes, where the interesti archetypal world for the infants. Detection of subversive from the empirical theatrical knowledge. <b>Teaching method</b> > Lectures > Short individual and group assignments > Lab tutorials > Lab tutorials in groups <b>Student workload (hours)</b> Lectures Tutorials and lab tutorials Study for course preparation	busness – knowledge of the Body's predominance diaphragmatic breathing, which is determinant fo ngthens the Aesthetic didactic "logos", rendering ooded" motion accompanying the Speech – The f the essence and theatricality of popular narration r. Punch – Puppet songs (laments, nuptial, lullabie to the all-embracing (universal) memory and to the nee. Perpetuation and sense of justice The Theatre the infant to self-respect and to the acceptance of the adults, experiencing thus, the mythic, poeting focused on the empirical journey of the infants into f the "Theatre Play", even the in intelligible images pulsating "realm" of the Dramatic Art, are inevitable existence. A way from the "assembled", expecting ence" and its "torments", the infants through the virtues , the infants are initiated in assuming the "Aesthetical Education" creatively "accustoms" the podness and integrity. The excellent and virtuous ng and the transcendental inhabit, compose an
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	50%
Oral exams with assignment	50%
Oral exams without assignment	100%
Optional assignment for ERASMUS students	20%
Written exams for ERASMUS students	80%
Selected Bibliography	0070
-Αίσωπος, Μύθοι: Πρώτες Νεοελληνικές Μεταφράσεις, Α. -Μουδατσάκις Τ., Η Ορθοφωνία στο Θέατρο και στην Αγωγής του Λόγου, Εξάντας, Αθήνα 2000. -Κομοετζής Δ. Το Θεατοικό Παινχνίδι-Παιδανωνική Θ	Εκπαίδευση» - Στοιχεία Φωνητικής και Μέθοδο

-Κουρετζής Λ., Το Θεατρικό Παιγχνίδι-Παιδαγωγική Θεωρία, Πρακτική και Θεατρολογική Προσέγγιση, Καστανιώτης, Αθήνα 1991. -Το Θέατρο για παιδιά στην Ελλάδα, Καστανιώτης, Αθήνα 1990.

-Το Θεατρικό Παιγχνίδι: Διάσταση της Αγωγής μέσα από το Θέατρο. (Παιδαγωγική Θεατρική Έκφραση), Ε.Π.Λ., τόμος VI, Σμυρνιωτάκης, Αθήνα 1991.

-Καραντινός Σ., Αγωγή του Λόγου, Αθήνα 1935.

-Σύστημα Αγωγής του προφορικού Λόγου, τόμος Ι, Θεσσαλονική 1961.

-Stanislavsky Κ., Πλάθοντας ένα ρόλο, μετάφραση Α. Νίκα, Γκόνης, Αθήνα 1999.

-Ένας Ηθοποιός Δημιουργείται, μετάφραση Α. Νίκας, Γκόνης, Αθήνα 1999.

-An Actor's Handbook. An Alphabetical Arrangement of Concise Statements on Aspects of Acting, Methuen/ Drama, 1962.

-My Life in Art, μετάφραση J.J. Robbins, Methuen, London 1980.

-Beauchamp H., Τα παιδιά και το Δραματικό Παιγχνίδι. Εξοικείωση με το Θέατρο, μετ. Ε. Πανίτσκα, προλ. Θ. Γραμματάς, Τυπωθήτω, Αθήνα 1998.

# **ELECTIVE COURSE OUTLINES**

CONTEMPORARY TRENDS IN EARLY CHILDHO	OD EDUCATION
Lecturer's Name Maria Sakellariou	
Course Code IINE129	Semester I
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek Course Content	
appropriate school for children of the 21 <sup>st</sup> century. S The course content is based on the didactic approa and experiential communicative teaching. These did which are also presented in the context of the course The course also presents programs from internat Montessori, the Pedagogical School of Bank Stree Score Program. The Children's Museum is also examined as an alter Finally, the course discusses the institution of the f the advantages and disadvantages that arise from that emerge from mixed age and skills groups, a <u>extended schedule</u> . <b>Teaching method</b>	aches of cooperative learning, team-cooperative teaching dactics derive from the theories of Vygotsky and Gardner, se. tional practice, such as those of Reggio Emilia in Italy et (Developmental – Interactive Program), and the High ernative educational means for children and teachers. full-day kindergarten and more specifically the objectives in the application of this program, as well as the benefits as well as the grouping methods in kindergartens with
Student workload (hours)	
Lectures	36
Tutorials (group work, video projection)	20
Study for course preparation	5
Collaboration with tutor	24
Exam Preparation	40
Total hours	125
Assessment method	
Optional assignment	30%
Written exams with assignment	70%
Written exams without assignment	100%
	100%
Research assignment for ERASMUS students	100%
Δαρδανός. -Roopnarine, J. & Johnson, <i>Ποιοτικά προγράμματα</i> -Edwards, C., Candini, L. & Forman, G., <i>Reggio En</i> (2000), Αθήνα: Πατάκης.	ζολικής Αγωγής, (2000), Αθήνα: Τυπωθήτω − Γιώργο Προσχολικής Εκπαίδευσης, (2006), Αθήνα: Παπαζήσης nilia: Οι χίλιες γλώσσες των παιδιών προσχολικής ηλικίας Εκπαίδευσης και η διαθεματική διδακτική προσέγγιση

	INTRODUCTION 1	O PHILOSOPHY
	r's Name Charalambos Apostolopoulos	
	Code IINE402	Semester I
Study Y		Course Level First
ECTS 4 Teaching credits 3		Teaching credits 3
	category Elective	
	Language Greek	
2.	Antiquity. The source of philosophy. The prob General and technical use of the pre-Plate	onian term "philosophy". The meaning of Platonia
3.	Rationalism/Irrationalism - Empiricism. Critica	of Knowledge – Metaphysics – Ethics – Anthropolog al transcendentalism and the Copernican turn of Kar
4.		leology and religion. cal problematics: European Nihilism (Nietzsche nology) versus Positivism (Historicism – Technocra
5.		asis of a specific major philosophical work offered a f philosophy.
Teachi	ng method	
>	Lectures	
≻	Optional assignment	
	t workload (hours)	
Lecture	S	39
Study for	or course preparation	40
	ration with tutor	5
	Preparation	40
	•	
Total ho	burs	124
	ment method	
•	Il assignment	20%
Written	exams with assignment	80%
Written	exams without assignment	100%
Resear	ch assignment for ERASMUS students	100%
- Νίκος		01. α –μτφρ -σχόλια: Π. Κ. Θανασάς, Αθήνα 2000, Εκ

Πατάκη. - Μάρτιν Μπούμπερ, *Το πρόβλημα του ανθρώπου,* μτφρ. Χ. Αποστολόπουλος, Αθήνα 1987, Εκδ. Γνώση.

ETHOLO	DGY-BIOLOGY
Lecturer's Name Vasilis Koutras	
Course Code NE403a	Semester I
Study Year 1 <sup>st</sup>	Course Level First
ECTS 3	Teaching credits 3
Course category Elective	
Course Language Greek	
<ul> <li>Course Content <ol> <li>The relationship between heredity and e developmental process.</li> <li>Study of animal behaviour in comparison times and the character of ethology (cond).</li> <li>Instinct and learning – firm action standards.</li> <li>The senses (touch, auditory signs, olfactor)</li> <li>Stimuli and signs (pump type and trigger types).</li> <li>Self-space, the meaning of personal vitals.</li> <li>Mimicry as a phenomenon of natural self-personal vitals.</li> <li>Communication (complex forms of communication (complex forms of communication).</li> <li>Migration (seasonal, permanent).</li> <li>Altruism (Unselfish altruism, relative altruists).</li> <li>Infanticides and cannibalism (gerontophage).</li> <li>Sexuality: Evolution, reproduction and seconoice, sexual bimorphism, porn behavion sperm, the Coolidge phenomenon, similaring.</li> <li>Emotions (friendship, death, maternal affect 18. Play and sociability.</li> <li>The use of tools.</li> <li>The symbolic language in apes.</li> </ol></li></ul>	ds – engraving. ry signs, vision). ype), innate disengagement mechanism. space. protection. minant and subservient animals). Plasticity in social unication). pulation (optimal population size, cannibalism, migration). sm). gy, sexual cannibalism). ex. The biology of sex, the battle of the sexes, female ur, incest, polygamy and monogamy, competition of the ities and differences in the sexuality of apes and humans. ction). the impact of social experiences on aggressiveness).
Lectures	
Short individual and group assignments	
Student workload (hours)	
Lectures	39
Study for course preparation	15
Collaboration with tutor	5
Exam Preparation	40
Total hours	99
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Καφετζόπουλος, Ε. (1999) Εισαγωγή στην Εξελικτι -Κούρτοβικ, Δ. (1998) Συγκριτική Ψυχολογία (Ηθολα -Κριμπάς, Κ. (2007) Κοινωνιοβιολογία. Αθήνα: Κάτα -Ροδάκης, Γ. (2001) Εισαγωγή στην εξελικτική βιολα	ογία). Αθήνα: Ελληνικά Γράμματα. οπτρο.

-Burt, A., Trivers, R. (2006) Genes in conflict: The biology of Selfish Genetic Elements. Cambridge MA:

Belknap Press of Harvard University.

Г

INTRODUCTION TO CHILDREN'S LITERATURE	AND THE SHORT NARRATIVES
Lecturer's Name Marianna Spanaki	
Course Code IINE435	Semester I
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
The course focuses on trends and developments in Greek ar 19 <sup>th</sup> and 20 <sup>th</sup> c. It investigates the notion of autonomy in the de adults literature, it deals with literary genres, publishing iss periodicals, and issues of literary criticism and children's liter early childhood. The course will refer to important works a development of Greek children's literature and discuss so international children's literature. It will also focus on the techniques in children's fiction. Reference will be made to the literary associations within the periods of post 1945 and 1980 exercised on developments concerning children's literature. narratives addressing children in early childhood and will dis translation in the world of publishing children's fiction as w contemporary early childhood schools. <b>Teaching method</b> > Lectures > Short individual and group assignments	finition of children's literature in relationship to sues, the field of illustration, current special rature and the role of children's books in the and authors who played a major role in the ome landmark texts from the canon of the method of the analysis of different narrative e role of the Greek Women's Group and other respectively with reference to influences they The course will also refer to trends in short acuss the roles of pictures, intermediality and
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	60%
Oral exams for ERASMUS students	40%
Selected Bibliography -Κανατσούλη, Μ. Εισαγωγή στη θεωρία και την κριτική της πα ηλικίας, Θεσσαλονίκη: University Studio Press 2002. Kanatsouli, Μ. Eisagogi sti theoria ke tin kritiki tis paidikis logot Kanatsouli, Μ. Introduction to the theory and criticism of childre -Καρπόζηλου, Μ., Το παιδί στη χώρα των βιβλίων, Αθήνα: Καα Karpozilou, Μ., Το Ρaidi sti chora ton vivlion, Athina: Kastaniot Karpozilou, Μ, The child in the country of books, Athens: Kasta -Τσιλιμένη, Τ., Οι μικρές ιστορίες κατά την εικοσαετία 1970-1990. Tsilimeni, T. Oi mikres istories kata tin eikosaetia 1970-1990. A	rechnias scholikis ke proscholikis ilikias. en's literature of school and preschool ages. στανιώτης 1999. is 1999. aniotis 1999. 20. Αθήνα: Καστανιώτης 2003. Athina: Kastaniotis 2003.

THE MYTHICAL CONTEXT OF TRADITIONAL AND CONTEMPORARY SOCIETY	
Lecturer's Name P.D. 407	
Course Code IINE440	Semester I
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
<b>Course Content</b> The concept of myth and mythology. The diffusion of myth in all levels of The folklore viewpoint. The study of traditional and contemporary society and built environment in traditional culture. The organization of the fam and use of goods. The organization of time in traditional society. Recent accommodations. The ritual and mythical context of the agricultural com solstice. The mythology of the sun and the moon. Ancient festivals an Easter. Customs during the summer solstice. The winter solstice. Of customs. Myths and legends for Santa Claus. Folk events and customar of the above mentioned feasts. The child in customary and ευετηρικούς in house building and agricultural production, fruit offers in particular mythical-ritual context of birth, wedding and death. The human religious Christian επιβιώσεις. Recent developments. Didactic exploitation of f Education.	. The organization of physical space nily and the society. The production developments, transformations and munity. The festivals of equinox and d the spring equinox. The Christian Christmas, New Year's and Φώτα y activities of children in the context $\alpha\gamma\epsilon\rho\mu\omega\omega\varsigma$ . Convictions and customs feasts. Recent developments. The s behavior. Religious festivals. Pre-
Teaching method → Lectures and short individual and group assignments	
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Selected Bibliography -Μ. Γ. Μερακλής, Ελληνική Λαογραφία. Κοινωνική Συγκρότηση, Ήθη και εκδ. Οδυσσέας. -Γ.Α. Μέγας, Ελληνικαί Εορταί και Έθιμα της Λαϊκής Λατρείας, (1979), Αθ -Δημήτριος Λουκάτος, Εισαγωγή στην Ελληνική Λαογραφία, (1977), Αθήν -Άλκη Κυριακίδου – Νέστορος, Η Θεωρία της Ελληνικής Λαογραφίας, Νεοελληνικού Πολιτισμού και Γενικής Παιδείας. -Γ. Αικατερινίδης, Νεοελληνικές αιματηρές θυσίες. Λειτουργία, μορφα	ήναι. να: ΜΙΕΤ. (1978), Αθήνα: Εταιρεία Σπουδών
Ελληνική Λαογραφική Εταιρεία. -Κακούρη Κατερίνα, Διονυσιακά: εκ της σημερινής λαϊκής λατρείας των Θ -Tomkinson John Festive Greece A calendar of Tradition (2003) εκδιβ	

Lecturer's Name Ekaterini Karamitrou           Course Code ΠΝΕ660         \$	
	Semester I
	Course Level First
ECTS 4 T Course category Elective	Teaching credits 3
Course Language Greek	
Course Content	
definition and historical path of drama.From Homeric poetry TRAGEDY – COMEDY – DIDACTICS AND THE SIGNIFICA THE BEGINNING OF PROTOTYPICAL DISCOURSE IN DANCE TO DRAMA: The ancient dramatic discourse is prof underlines the greatness of the individual (individuation) and Man and God. The ancient drama constitutes an inherited blooming of Discourse and the aesthetic transcendence posit The Ancient drama is not a necrology upon a finished feast, diachronic and always timely (with all transformations and ada beyond. The Ancient drama is a festival of political and socia and the ancient dramatists, plain and anthropocentric deline (AESCHYLUS-SOPHOCLES-EURYPIDES and ARISTOPHAN IV. Elisabethan Theatre and William Shakeseare. V. French C The Theatre of Greek Enlightenment and 19th century. VIII. Ur X. American Theatre. XI. The absurd and modern trends in wo Theory of illustrated symbols – theatricality and soectacularity The action model of A. Greimas XVI. From the sacred t intertextuality. Adventure and the future of Theatrical Myth. dramatization. XVIII. About modernism in dramatization. apperception. XX. From «children's theatre to Theatre for you	ANCE OF ANCIENT DRAMA AT SCHOOL – EDUCATION. FROM THE WORSHIPPING foundly political, masterly and universal, as it I signifies the abrogation of the gap between cultural memory and through the inevitable s the man in front of the high and the crucial. neither a museum literary genre, but a lively, aptations of time) cultural stock in Europe and I values, a diorama of democratic procedures eate the prototype of the gratest pedagogue. NES: ATTIC COMEDY).III. Comedia dell' Arte. lassicism and Moliere. VI. Cretan Theatre. VII. rban Drama. IX. Theatre between World Wars. orld theatre. XII. Post-war Greek Theatre. XIII. . XIV. Sociological approaches to theatre. XV. to the secular and vice versa – Myth and XVII. The limits of narrative – conditions of XIX. Theatrical space and dramatization
and the youth. XXII. The typology of the young spectator.	
<ul> <li>spectacle.</li> <li>Teaching method</li> <li>➢ Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video)</li> </ul>	neatrical Education I" is mainly theoretical in
Teaching method > Lectures – Lab tutorials in groups (The subject "The subject "Th	neatrical Education I" is mainly theoretical in
Teaching method ➤ Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video)	neatrical Education I" is mainly theoretical in
Teaching method → Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video Student workload (hours)	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials).
Teaching method → Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video Student workload (hours) Lectures	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials).
Teaching method ➤ Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video Student workload (hours) Lectures Tutorials	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials).
Teaching method         Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13
Teaching method         ▶       Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13 40 5
Teaching method         > Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13 40 5 40
Teaching method         ▶       Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13 40 5
Teaching method         ▶ Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13 40 5 40
Teaching method         ▶ Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours	neatrical Education I" is mainly theoretical ir projections and selective lab group tutorials). 13 13 13 40 5 40 124
Teaching method         ▶ Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13 40 5 40 124 50%
Teaching method         ▶ Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Oral exams with assignment	neatrical Education I" is mainly theoretical ir projections and selective lab group tutorials). 13 13 13 40 5 40 5 40 5 40 5 5 40 50% 50%
Teaching method         ➤ Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Optional assignment         Oral exams with assignment	neatrical Education I" is mainly theoretical ir projections and selective lab group tutorials). 13 13 13 40 5 40 5 40 124 50% 50% 100%
Teaching method         ▶ Lectures – Lab tutorials in groups (The subject "Th character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Assessment method         Optional assignment         Oral exams with assignment         Optional assignment for ERASMUS students	neatrical Education I" is mainly theoretical ir projections and selective lab group tutorials). 13 13 13 40 5 40 5 40 124 50% 50% 100% 20%
Teaching method         ▶ Lectures – Lab tutorials in groups (The subject "The character and is implemented through lectures, video         Student workload (hours)         Lectures         Tutorials         Lab tutorials         Study for course preparation         Collaboration with tutor         Exam Preparation         Total hours         Optional assignment         Oral exams with assignment	neatrical Education I" is mainly theoretical in projections and selective lab group tutorials). 13 13 13 40 5 40 5 40 124 50% 50% 100% 20%

1872. -Μουδατσάκις Τ., Η Θεωρία του Δράματος στη Σχολική Πράξη. Το Θεατρικό Παιγχνίδι – η Δραματοποίηση, εκδ. Καρδαμίτσα, 1994. -Easterling P. E. (edit), The Cambridge Companion to Greek Tragedy, Cambridge University Press, Cambridge 1997.

-Holl, E., *Inventing the Barberian: Greek Self-Definition through Tragedy* Clarendon Press, Oxford 1991. -Euben, J.P., *The Tragedy of Political Theory-The Road Not Taken*, Princeton University Press, Princeton 1990 (New Jersey 1999).

-Blume, H.D., Είσαγωγή στο Αρχαίο Θέατρο, μετ. Μ. Ιατρού, Μορφωτικό Ίδρυμα Ελληνικής Τράπεζας, Αθήνα 1986.

Lecturer's Name Maria Kaldrimidou	Compostor II
Course Code IINE304 Study Year 1 <sup>st</sup>	Semester II
ECTS 3	Course Level First Teaching credits 3
Course category Elective	Teaching credits 5
Course Language Greek	<u> </u>
Course Content	
<ol> <li>First Mathematics in Education         <ul> <li>Egyptian Mathematics: repetitive coun</li> <li>Babylonian Mathematics.</li> <li>Hellenic era: early theorems, the Pyth concepts and predications, the Element</li> </ul> </li> </ol>	nagorean School, Plato, Aristotle and the theory or nts of Euclides. atics: sets and definitions of natural numbers. on sets. elations
Teaching method > Lectures > Lab tutorials	
Student workload (hours) Lectures	26
Lab tutorials	13
Study for course preparation	20
Collaboration with tutor	5
Exam Preparation 30	
Total hours	94
Assessment method	
Written exams	100%
Research assignment for ERASMUS students	100%

-Ρουσόπουλος, Γ. (1991). Επιστημολογία των Μαθηματικών. Αθήνα: Gutenberg.
 -Φρέγκε, Γκ. (1990). Τα θεμέλια της αριθμητικής. Αθήνα: Νεφέλη.

ecturer's Name Katerina Plakitsi	
Course Code IINE313	Semester II
Study Year 1 <sup>st</sup>	Course Level First
ECTS 3	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
1. Subject, methodology, course, disciplines of	Natural Sciences.
2. The natural quantities – Measurement.	
3. Space and Time.	
4. The Material.	
<ol> <li>5. The Motions.</li> <li>6. The air and its properties.</li> </ol>	
7. The water cycle in nature.	
8. Electricity – Magnetism.	
9. Light and the colours.	
10. Body buoyancy and submersion.	
Teaching method	
Lectures - short individual and group assignment	ients
Lab tutorials in groups	
Student workload (hours)	
Lectures	26
Lab tutorials	26
Study for course preparation	26
Collaboration with tutor	5
Exam Preparation	10
Total hours	93
Assessment method	
Oral exams	30%
Compulsory lab tutorial	70%
Research assignment for ERASMUS students	100%
Selected Bibliography	I

-Ραβάνης, Κ. (2002). Οι Φυσικές Επιστήμες στην Προσχολική Εκπαίδευση - Διδακτική και Γνωστική Προσέγγιση. Αθήνα: Τυπωθήτω-Γιώργος Δαρδανός. -Hewitt, G. P. (2005). Οι έννοιες της Φυσικής (Επιμ. Γ. Παπαδόγγονας), Πανεπιστημιακές Εκδόσεις Κρήτης. Τίτλος πρωτοτύπου: "Conceptual physics", Addison Wesley Longman, 9th edition, 2002.

MODERN GE	REEK POETRY
Lecturer's Name Ifigenia Triantou	
Course Code IINE401	Semester II
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
language issue and its consequences. Modern Greek Literature before the Ottoman occupation. The epic o and folk poetry in Byzantium. Allegoric and didactic po Literature after the Ottoman occupation. Poetry in Cre The literary bloom in Crete (1570-1669): Cretan the Sacrifice, Erotokritos. Modern Greek Enlightenment: 1 <sup>st</sup> era (1669-1770), 2 <sup>r</sup>	f Digenis Akritas and Akritan folk songs. Knightly fiction oetry. ete and Cyprus in the Renaissance. eatre, tragedies, comedies, pastoral poetry, Abraham's <sup>nd</sup> era (1770-1820). Katartzis, Korais. Folk songs (types, topoulos, Vilaras. The Eptanesian School: the people, mos in modern Greek poetry and culture. chool. Greek romanticism.
Teaching method         ≻       Lectures         ≻       Short individual and group assignments         Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
-Δημαράς, Κ. Θ., Ιστορία της Νεοελληνικής Λογοτες έκδοση 1975), Αθήνα	2002), Αθήνα: Μορφωτικό Ίδρυμα Εθνικής Τραπέζης. χνίας ( από τις πρώτες ρίζες ως την εποχή μας), (6 <sup>η</sup> , <i>Torino, ERI ], (μετφρ.:) Ιστορία της νεοελληνικής</i> λολογία, (3 <sup>η</sup> εκδ. 1978), Αθήνα: Παπαζήσης. Παρίσι: P.U.F., ["Que sais-je?"].

-Μιταπρεί, Α., *La literature grecque modern, (1953),* Παρισί: Ρ.Ο.Γ., [ Que sais-je? ]. -Καψωμένος, Ε., «*Καλή 'ναι η μαύρη πέτρα σου»: Ερμηνευτικά κλειδιά στο Σολωμό,* (2006), Αθήνα, Εστία.

GENDER IN CHILDREN'S	
Lecturer's Name Marianna Spanaki	LITERATURE
Course Code IINE444	Semester II
Study Year 1 <sup>st</sup>	Course Level First
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
The course examines issues of gender in children's liter between textual construction and the representation of gend attitudes towards gender roles, issues of gender and langua be made to autobiography, biography and young adults fictive roles in the context of the experiences of childhood and youth deal with the role of women in folktales and the tradition of genres in children's literature as regards the construction of degree of influence children's books may exercise on pre-sc stereotypes. Children's and youth fiction will be studied in the agency and social parameters. Teaching method	er roles in children's literature. It will investigate age and gender and illustrations. Reference will on as texts presenting the emergence of gender h. The course will also discuss approaches who lullabies. Furthermore, it will examine different social identity and gender and will discuss the hool children regarding the formation of gender
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	60%
Oral exams for ERASMUS students	40%
Selected Bibliography -Κανατσούλη, Μ., Πρόσωπα γυναικών σε παιδικά λογοτεχ 1997. Kanatsouli, M. Prosopa yinaikon se paidika logotechnimata. ( Approaches to women's representation in children's fiction. V -Μαραγκουδάκη, Ε., <i>Εκπαίδευση και Διάκριση των φύλων. Γ</i> Οδυσσέας 1993. Marangoudaki, E. Ekpaidefsi kai Diakrisi ton Filon. Paidika a 1993. Marangoudaki, E. Education and Gender Prejudice. Childred Odysseas 1993. -Αναγνωστοπούλου, Δ., <i>Αναπαραστάσεις του Γυναικείου στη</i>	Opseis ke apopseis. Athina: Patakis 1997 /iews and perspectives. Athina: Patakis 1997. Ταιδικά αναγνώσματα στο Νηπιαγωγείο. Αθήνα: anagnosmata sto Nipagogeio Athina: Odysseas en's Narratives in the Early Childhood, Athens:

Anagnostopoulos, D. Anaparastaseis tou Yinaikeiou sti Logotechneia Athina: Patakis 2007. Anagnostopolos, D. Representations of Feminity in Literature, Athens: Patakis 2007.

COGNITIVE PSYCHOLOGY I		
Lecturer's Name Georgia Papantoniou		
Course Code IINE 220	Semester III	
Study Year 2 <sup>nd</sup>	Course Level First	
ECTS 3	Teaching credits 3	
Course category Elective		
Course Language Greek		
Course Content		
Introductory part:       Definition of thinking. Thinking and intelligence. The study         Dialectics:       Definition. Intuitive learning. Cognitive style. Induction. Productio         Representation:       Concept formation. Schemata. Scenarios. Cognitive map         Ways of representation.       Representation and revision strategies. Developme         Problem resolution:       Definition. Learning through trial and error. Tendency         Brainstorming.       Theories for problem solving. Problem solving and artificial in         Analogical thinking.       Creativity:         Creativity:       Definition.         Study at school.       Creative thinking development.         Cultivation of creativity at school.       Creative thinking development.         Cultivation of thought:       Methodology of research on cognitive intervention.         intervention.       Cultivation of thought through reading and writing.         Cognistrategies.       >         Teaching method       >         Lectures       >         Short individual and group assignments	n. os. Representation development. ent of schemata. of for learning. Collateral thinking. ntelligence: the role of strategies. oerson. Cultivation of creativity.	
<ul> <li>Short individual and group assignments</li> <li>Croup tutorial</li> </ul>		
Group tutorials  Students' workload (hours)		
Lectures	39	
Study for course preparation (library search, internet search for bibliography, preparation of oral presentation, short essays)	10	
Collaboration with tutor	3	
Exam Preparation	48	
Total hours	120	
Assessment method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Optional assignment for ERASMUS students	20%	
Written exams with assignment for ERASMUS students	80%	
Written exams without assignment for ERASMUS students	100%	
Oral exams	100%	
Assignment (with declared number of pages (60) for graduating students only)	100%	
Selected Bibliography Βοσνιάδου, Σ. (2001). Εισαγωγή στην ψυχολογία:Βιολογικές, αναπη προσεγγίσεις – Γνωστική ψυχολογία, τόμος Α'. Αθήνα: Gutenberg. Eysenck, M. W., & Keane, M. (2000). Cognitive psychology: A student's Psychology Press. Hayes, N. (1998). Εισαγωγή στην ψυχολογία (Επιμ. Έκδ. Α. Κωσταρίδ Ελληνικά Γράμματα. Κωσταρίδου-Ευκλείδη, Α. (1992). Γνωστική Ψυχολογία. Θεσσαλονίκη: Art o Κωσταρίδου-Ευκλείδη, Α. (1997). Ψυχολογία της σκέψης. Αθήνα: Ελληνικά Sternberg, R. J. (2007). Γνωστική ψυχολογία Επιμ. Έκδ. Γ. Ξανθάκου & Μ. Η	s <i>handbook.</i> Hove, East Sussex: ου-Ευκλείδη), τόμος Α'. Αθήνα: f Text. Γράμματα.	

AESOP & AESOPIAN FABLES		
Lecturer's Name P.D. 407		
Course Code ПNE442 Study Year 2 <sup>nd</sup>	Semester III	
Study Year 2	Course Level Second	
ECTS 4	Teaching credits 3	
Course category Elective	•	
Course Language Greek Course Content		
Brief reference to the course of human mythical thought from prehistory until recent and contemporary times. Conceptual clarifications around myths and mythology. The concept of myth. Myth and science. The life and work of Aesop. Mythoplasty and mythographic tradition before Aesop. The presence of animals and the nature in general and their symbolisms in folk narratives, folk literature and folk culture in general. The ancient society and Aesop's myths. Recent adapters and the impact of aesop's myths. The myth in Greek folklore. Aesop's myths and the folk oral tradition. Modern Greek verse parallel to the "Aesopian myths". The use of illustration and allegory. Features of Aesopian myths. The myth as a system of values. Myth and moral. Aesops' myths in school and extracurricular books. Their illustration. Myths, fairytales and proverbs. The fairytale and its relationship with Aesop's myths. Origin, dissemination, research and classification of fairytales. The pedagogical importance of the fairytale. Narration of fairytales. Collections, translations and publications of Aesop's myths. The pedagogical and didactic value of folk narratives in contemporary learning process. Pilot teaching proposal of an Aesopian myth. Selection of Aesop's myths and didactic exploitation.		
Teaching method → Lectures and short individual and group assignmer	nts	
Student workload (hours)		
Lectures	39	
Study for course preparation	40	
Collaboration with tutor	5	
Exam Preparation 40		
Total hours	124	
Assessment method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Research assignment for ERASMUS students Selected Bibliography	100%	
<ul> <li>-Θεόδωρος Γ. Μαυρόπουλος (εισαγ μετάφ σχόλια), Αια Ζήτρος.</li> <li>-Μ. Γ. Μερακλής, Έντεχνος λαϊκός λόγος, σσ. 207-222, (199 -Λουκάτος Δημήτριος Σ. (επιμ.), Νεοελληνικοί Παροιμ Βιβλιοθήκη.</li> <li>-Λουκάτος Δημήτριος Σ. (επιμ.), Νεοελληνικά Λαογραφικά Η «Αετού», τ. 48.</li> <li>-Μέγας Γεώργιος Α., Το ελληνικό παραμύθι. Αναλυτικός κ σύστημα Aarne -Thompson (FFC, 194). Τεύχος πρώτον, Αθηνών. Δημοσιεύματα του ΚΕΕΛ, 14).</li> <li>-Μέγας Γεώργιος, «Οι Αισώπειοι μύθοι και η προφορική π 489.</li> </ul>	93), Αθήνα: εκδ. Καρδαμίτσα. ιιόμυθοι, (1978), Αθήνα: Νέα Ελληνική Κείμενα, (1957), Αθήνα: Βασική Βιβλιοθήκη ατάλογος τύπων και παραλλαγών κατά το μύθοι ζώων, (1978), Αθήνα: (Ακαδημία ταράδοσις», Λαογραφία ΙΗ (1959), σ. 469-	
-Το αφιερωματικό τεύχος του περιοδικού Διαβάζω 167(1987) στον Αίσωπο.Stefan Josifovik, Rea Encyclopadie Suppl. XIV (1974), στήλες 17-40.		

PEDAGOGICAL THEC	DRIES OF 20 <sup>TH</sup> CENTURY
Lecturer's Name Maria Sakellariou	
Course Code NE103a	Semester IV
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
<ul> <li>Course Content <ol> <li>The course refers to the directions of the t the following Pedagogical theories: <ul> <li>Hermeneutics – Phenomenologica</li> <li>Theoretical Philosophical Pedagog</li> <li>Empirical Analytical Theory.</li> <li>Critical Rationalism (Empirical Ana</li> <li>Critical theory of Science (Critical F</li> <li>Systemic Theory (Systemic Pedag</li> <li>Constructivism</li> </ul> </li> <li>Contemporary developmental stage of Peda</li> <li>Pedagogical Trends of 20<sup>th</sup> century. "New S</li> <li>Recent alternative suggestions.</li> <li>"Second chance" schools.</li> <li>Critical consideration of the "new school" ar</li> <li>Pedagogy and contemporary problems (ecc.</li> <li>Multicultural society.</li> </ol></li></ul>	ay. Nytic Pedagogy) Pedagogy) Nogy) agogy school" representatives. ad alternative schools.
Teaching method > Lectures - short individual and group assign Student workload (hours)	ments
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment 50%	
Written exams with assignment	50%
Written exams without assignment   100%	
Research assignment for ERASMUS students 100%	
Selected Bibliography - Κρίβας Σ. (2004) Παιδαγωγική Επιστήμη: Βασική Θ -Reble Al. (1996), Ιστορία της Παιδαγωγικής, Αθήνα: -Mialaret, G. (1997), Εισαγωγή στις Επιστήμες της Α -Μετοχιανάκης Ηλ. (1994) Παιδαγωγικές Θεωρίες, Η	Παπαδήμας. <i>γωγή</i> ς Αθήνα: Τυπωθήτω.

	CHILDREN WITH SPECIAL NEEDS
Lecturer's Name Dimitris Sarris	Operation IV
Course Code IINY206 Study Year 2 <sup>nd</sup>	Semester IV
ECTS 4	Course Level Second Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ol> <li>Epistemology</li> <li>Structural distinction in the personal</li> <li>Deviation diagnosis and assessment</li> <li>Therapeutic approaches of deviation</li> <li>Theories on the concept of normative</li> </ol>	n in early childhood.
Teaching method         >       Lectures         >       Tutorials and lab tutorials in groups	
Student workload (hours)	
Lectures	26
Tutorials and lab tutorials	13
Study for course preparation	28
Compulsory assignment preparation	10
Collaboration tutor	3
Exam Preparation	40
Total hours 120	
Assessment method	
Compulsory assignment	20%
Written exams	80%
Research assignment for ERASMUS student	ts 100%
de 5-10 ans. Revue Européenne du Handica	<i>λινόντων</i> . Αθήνα: Άνθρωπος. un atelier conte dans le traitement des enfants dysharmonique

-American Psychiatric Association (1994). *Diagnostic and Statistical Manual of Mental Disorders*, 4th edition (DSM-IV-R). Washington, DC: American Psychiatric Association -Smith, D.D., & Luckasson, R. (1995). *Introduction to special education: Teaching in an age of challenge*. Needham, Massachussetts: Allyn and Bacon.

Lecturer's Name Vasilis Koutras	
Course Code IINE207 Study Year 2 <sup>nd</sup>	Semester IV
ECTS 4	Course Level Second Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ol> <li>Drugs and substances affecting brain fu</li> <li>Historical overview.</li> </ol>	
<ol> <li>Action mechanisms in the Central Nerve</li> <li>Definitions (psychotropic substance, at resistance, cross resistance).</li> </ol>	ous System. buse, psychological/physical addiction, addiction syndrome
<ol> <li>Views on etiopathology of addiction associations, socio-cultural effects).</li> </ol>	(genetic/learning factors, family, personality, environment
psychiatric problems related to drug abu	
of the Central Nervous System, nicotine	tances (opium derivatives, depressive/psycho-excitant drug e, cannabinoids, psefdaisthisiogonal substances).
<ol> <li>8. Psychophysiology of psychiatric illnesses (schizophrenia, bipolar psychosis, depression, stress disorders, autism, attention deficit disorders, hyperactivity, compulsive neurosis).</li> <li>9. Psychosomatic disorders (κωλικός of 3 months, bronchial asthma, migraine, peptic ulcer, ulcerative colitis).</li> </ol>	
11. Relaxation technique (mental/muscular/	
12. Bio-feedback (psychophysiological relax	xation techniques through electronic devices).
Teaching method	
Lectures	
<ul> <li>Short individual and group assignments</li> <li>Student workload (hours)</li> </ul>	
Lectures	39
Study for course preparation	30
Collaboration with tutor	5
Exam Preparation	40
Total hours	114
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment 100%	
Research assignment for ERASMUS students 100%	
Νομοθεσία, Αθήνα: Τυπωθήτω- Γ. Δαρδανός.	ς: Φαρμακολογία - Τοξικολογία – Ιστορία Κοινωνιολογία
-Γεωργάκος Π. (2007), Εξάρτηση- Απεξάρτηση, (	Θεσσαλονίκη: Εκδ. Επίκεντρο.

-Τσιάντης Γ. (2001), Εισαγωγή στην παιδοψυχιατρική, Αθήνα: Καστανιώτης. -Kaplan H, & Sadock,B. J (2004), Kaplan & Sadock's Εγχειρίδιο Κλινικής Ψυχιατρικής Αθήνα: Παρισίανος.

COGNITIVE PSYCHOLOGY II	
Lecturer's Name Gerorgia Papantoniou	
Course Code IINE221	Semester IV
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek Course Content	
Introductory Part: Introduction to applied cognitive ps and applied cognitive research. Cognitive research research. Phases of the cycle "basic-applied". Basi application development. <u>Applications</u> : Attention, perception and mental represe remembrance. Contemplation, problem resolution and Effect of non-cognitive factors on cognitive pro- communication. Natural environment. Condition of the Response – answer. Cognitive assessment. Profess psychologists in the field of applications. The future of Aims of applied psychology. <b>Teaching method</b> Lectures Doptional short individual and group assignment	methodology. Approaches and methods of applied c research in cognitive psychology: the context for entation. Understanding and learning. Retention and decision-making. <u>Decesses and applications:</u> Social interaction and he physiology of organisms and emotional situation. Isional experience. Professional career of cognitive applied cognitive psychology.
Group tutorials  Students workload (hours)	
Lectures	26
Tutorials	13
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	20%
Written exams with assignment for ERASMUS students	
C C	
Written exams without assignment for ERASMUS stud	
Oral exams	100%
Selected Bibliography -Βοσνιάδου, Σ. (2001). Εισαγωγή στην ψυχολογία προσεγγίσεις – Γνωστική ψυχολογία, τόμος Α'. Αθήνα -Βοσνιάδου, Σ. (2004). Γνωσιακή ψυχολογία: Ψυχολογ -Eysenck, Μ. W., & Keane, Μ. (2000). Cognitive psy Psychology Press. -Hayes, Ν. (1998). Εισαγωγή στην ψυχολογία (Επιμ Ελληνικά Γράμματα. -Κωσταρίδου-Ευκλείδη. Α. (1992). Γνωστική Ψυχολογία	: Gutenberg. νικές μελέτες και δοκίμια. Αθήνα: Gutenberg. νchology: A student's handbook. Hove, East Sussex: μ. Έκδ. Α. Κωσταρίδου-Ευκλείδη), τόμος Α'. Αθήνα:

-Κωσταρίδου-Ευκλείδη, Α. (1992). Γνωστική Ψυχολογία. Θεσσαλονίκη: Art of Text. Sternberg, R. J. (2007). Γνωστική ψυχολογία Επιμ. Έκδ. Γ. Ξανθάκου & Μ. Καϊλα). Αθήνα: Ατραπός.

EDUCATION	AL SOFTWARE PROGRAMS I
Lecturer's Name Jenny Pagge	
Course Code IINE305	Semester IV
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ol> <li>Introduction to the subject.</li> </ol>	
<ol><li>ICT use in the classroom.</li></ol>	
3. Multimedia use in the classroom.	
<ol><li>Assignment structure and composition</li></ol>	ın.
5. Educational software development.	
Teaching method	
Lectures	
Lab tutorials in groups	
Student workload (hours)	
Lectures	26
Lab tutorials	13
Study for course preparation	40
Collaboration with tutor	3
Exam Preparation	40
Total hours	122
Assessment method	
Oral exams	100%
Research assignment for ERASMUS students	s 100%
περιβάλλοντα μάθησης. Μεταίχμιο. -Littleton K. & Light P. (1999). <i>Learning with C</i>	ά, ηλεκτρονικοί υπολογιστές και δυναμικές ιδέες. μετάφρ. Αίγλι

Σταματίου, επιμ. Γιάννης Κωτσάνης. εκδ. Οδυσσέας. Αθήνα. -Ράπτης, Α. & Ράπτη, Α. (2004). Μάθηση και Διδασκαλία στην εποχή της πληροφορίας, Αθήνα.

	ENVIRONMENTAL PO		
Lecture	r's Name Christos Nanos		
	Code IINE409	Semester IV	
Study Y		Course Level Second	
ECTS 3		Teaching credits 3	
	category Elective		
	Language Greek		
Course	Content		
1.	Introduction to the concepts: natural environment, environment. Historical overview of the developm environmental problems.		
2.			
3.	Introduction to the ecological concepts: ecology, ecological concepts: ecology, ecological concepts and relevant expression units. Biomagnification.		
4.	Heavy metal pollution (copper, zinc, lead, cadmiur	n). Origin, convection to the environment, toxic	
5.	<ul> <li>action and typical cases of infection.</li> <li>5. Water ecosystems, pollution causes and pollution control parameters: conductivity, pH, soluble oxygen, biological and chemical oxygen demand, units in use.</li> </ul>		
6.	Microbial pollution of natural waters – the phenome		
7.	Atmosphere: composition and stratification. Ozon		
	health. Effects of the greenhouse gas increase. Photochemical smog: causes and effects.		
8.			
	pollution, sound pollution and overpopulation.		
9.	Air pollution of indoor space. Typical cases (Legio emanation, asbestos, sudden infant death syndrome		
	n <b>g method</b> Lectures		
	t workload (hours)		
Lecture		39	
	-		
	or course preparation	20	
Collabo	ration with tutor	3	
Exam P	Preparation	30	
Total hours 90		90	
	ment method		
Written exams		100%	
Research assignment for ERASMUS students 100%		100%	
	ed Bibliography υϊμτζή. Εκδόσεις ΖΗΤΑ(ΘΕΣΣΑΛΟΝΙΚΗ 1997) ΧΗΜΕ		
	λυπάνης (Πανεπιστήμιο Ιωαννίνων 1006) ΡΥΙ	ΠΔΝΣΗ ΚΔΙ ΤΕΧΝΟΛΟΓΙΔ ΠΡΟΣΤΑΣΙΑΥ	
-Т. А) ПЕРІВА	λμπάνης (Πανεπιστήμιο Ιωαννίνων 1996) ΡΥ λΛΛΟΝΤΟΣ ρειρόπουλος. Εκδόσεις Leader Books (Αθήνα 200	ΠΑΝΣΗ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑ ΠΡΟΣΤΑΣΙΑ:	

ΥΓΕΙΑ ΤΟΥ ΑΝΘΡΩΙΙΟΥ -Γ.Σ. Βασιλικιώτη. Εκδόσεις University Studio Press (ΘΕΣΣΑΛΟΝΙΚΗ 1992) ΧΗΜΕΙΑ ΠΕΡΙΒΑΛΛΟΝΤΟΣ.

HISTO	DRY OF PHILOSOPHY
Lecturer's Name Charalambos Apostolopoulo	)S
Course Code NE415a	Semester IV
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content The course focuses on a specific work of the	history of philosophy, which is analyzed at length.
Teaching method	
Lectures	
Short individual and group assignme	ints
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	s 100%
Selected Bibliography	
<ul> <li>Γεωργούλης Κ.Δ., Ιστορία της Ελληνικής Φιλ</li> <li>Nietcshe, Ν, Γέννηση της τραγωδίας από το</li> </ul>	

MODERN & CONTEMPORARY ART -	THEORY & PRACTICE	
Lecturer's Name Dimitrios Ratsikas		
Course Code NY510a	Semester IV	
Study Year 2 <sup>nd</sup>	Course Level Second	
ECTS 4	Teaching credits	
Course category Elective		
Course Language Greek Course Content		
The discipline of Art. Experimental aesthetics. Experimental aesthetics. Picture analysis. Contemporary art crisis. Art tech of visual exploration of artistic works. Fine arts and visual perodrawing. Oil-based drawing. Other techniques: mosaic, free artistic purposes, $\varepsilon v \delta u \mu \alpha \tau o \lambda o \gamma (\alpha, mask, etc.)$ The experiment and European communities since 19 <sup>th</sup> century. Its heyday is d art what counts initially and primarily is the work of art. The withought. Through exercises and applications we approach artists are thus distinguished along with art pedagogues. The contemporary art is our own art. The traditional arts then contemporary art is our own art. The traditional arts then contemporary art is our own art. The traditional arts then contemporary art is and in general problems in Art, A Conveyed knowledge, creative knowledge. Research in fir creation, pedagogy and art didactics. The role of the pedagogy	nology. Definition of visual stimulus. Definition ception. Exercises – Applications. Water-based sco, textile, book-binding, paper recycling for tal method has been introduced to education drawing from natural. In art and departments of work of art reveals the movement of the artist's more securely its realization process. Great he expressive means are regenerated, when nply our entrapment in the art of other periods. stitute a source of inspiration and contribute to pedagogy of art. Problems with the special Aesthetics and Aesthetic Education teaching. ne and plastic arts. The role of research in	
Teaching method         >       Lectures, discussions         >       Tutorials and lab tutorials on individual and group lev	el	
Student workload (hours)		
Lectures	26	
Tutorials & lab tutorials	13	
Study for course preparation	5	
Collaboration with tutor	40	
Exam Preparation	40	
Total hours	124	
Assessment method		
Optional assignment	20%	
Written exams with assignment	80%	
Written exams without assignment	100%	
Research assignment for ERASMUS students	100%	
<ul> <li>Selected Bibliography</li> <li>-Aug. RODIN, Η τέχνη, εκδ. Πρίντα, Αθήνα 2006.</li> <li>-Laura H. Chapman, Διδακτική της Τέχνης, Εκδ. Νεφέλη, Αθήν</li> <li>-Jean Rudel, Technique du dessin, εκδ. Puf 1997.</li> <li>-Γιάννης Τσαρούχης, Αγαθόν το εξομολογείσθαι, εκδ. Καστανι</li> <li>-Henri Matisse, Ecrits et propos sur l' art, Εκδ. Herman, Paris 2</li> <li>-Wassily Kandinsky, Cours du Bauhaus, Εκδ. Denoel, Παρίσι</li> <li>-Paul Klee, Theorie de l'art moderne, εκδ. Denoel, Παρίσι</li> <li>-Robert Frances, La perception P.U.F. 1981, Παρίσι.</li> <li>-Ηenri Pieron, La Sensation P.U.F., 1974 Παρίσι.</li> <li>-Πλίνιος ο Πρεσβύτερος, Περί της αρχαίας ελληνικής ζωγραφι</li> <li>Άγρα, Αθήνα 1998.</li> <li>-Δημήτρης Παυλόπουλος, Χαρακτική, γραφικές τέχνες, εκδ. Ko</li> <li>-Yves Michaud, La crise de l' Art contemporain, P.U.F., 1997.</li> <li>-Pablo Picasso, Σκέψεις για την Τέχνη, εκδ. Πρίντα 2000.</li> </ul>	ώτη Αθήνα 1986. 2004. 5. <i>ικής</i> , Μεταφρ. Τ. Ρούσσος – Αλ. Λεβίδης, Εκδ.	
TOPICS IN EDUCATIONAL RESEARCH METHODOLOGY		
I UPICS IN EDUCATIONAL RESEARC	Lecturers' Names Maria Kaldrymidou, Georgia Papantoniou, Katerina Plakitsi	

Course Code ПNE315	Semester V
Study Year 3 <sup>rd</sup>	Course Level Second
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ol> <li>Bibliographical search based on a specification</li> </ol>	
2. Search of contemporary research on the	
<ol> <li>Research analysis and presentation on the A Desearch method and height</li> </ol>	e specific topic.
<ol> <li>Research method analysis.</li> <li>Methodology comparison.</li> </ol>	
<ol> <li>6. Research tool planning – Applications.</li> </ol>	
0. Research tool planning – Applications.	
Teaching method	
Lectures - Tutorials	
Individual/group assignments	
Student workload (hours)	
Lectures	26
Tutorials	13
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Compulsory assignment	100%
Selected Bibliography	I
-Bell J. (1997) «Μεθοδολογικός σχεδιασμός παιδα	γωγικής και κοινωνικής έρευνας»Αθήνα: Gutenberg .
-Bell J. (2007) «Πώς να συντάξετε μια επιστημα	ονική εργασία: Οδηγός Ερευνητικής Μεθοδολογίας»,
Αθήνα: Μεταίχμιο	
	αιδευτικής Έρευνας», Αθήνα: Μεταίχμιο – Επιστήμες.
-Clive S. (1998) "Researching Society and Culture	
-Scott D. & Usher R. (1996) "Understanding Education	ational Research" London: Routledge.

	ACTIVITIES AND EDUCAT	IONAL MATERIAL IN MATHEN	IATICS
Lecturer's Name	Maria Kaldrimidou		
Course Code III	NE133	Semester VI	
Study Year 3 <sup>rd</sup>		Course Level T	
ECTS 4		Teaching credit	is 3
Course category			
Course Languag			
Course Conten			
1. Activitie			
•	Geometrical notions		
•	Notions of sizes		
• 0 Educat	Numerical notions		
	ional material for Mathematics -based material selection.		
	l-based activity selection.		
	-based activity and material selection.	ction.	
0			
Teaching methe	bd		
<ul> <li>Lecture</li> </ul>			
	al/group assignments		
Lab tute			
Student worklo	ad (hours)		
Lectures			26
Lab tutorials			13
Study for course	preparation		40
Collaboration wi	th tutor		5
Assignment Pre	paration		40
Total hours			124
Assessment m			
Compulsory ass			100%
Selected Biblio			10070
	ements, K., Keitel. Ch., Kilpat	trick I Laborde C. (1996)	International Handbook
	<i>ucation</i> . Dordrecht: Kluwer Acad		
	984). How children learn mather		blishing Company.
	Pateman, N. A. & Bednarz, N,		
Dordrecht: Kluw	er Academic Publishers.		
	/ant, P. (2007). <i>Τα παιδιά κάνου</i> ι		
	07). Μικρά παιδιά, μεγάλα μαθημ		
<ul> <li>-Πατρώνης, Τ. (2)</li> </ul>	2001). Θεμελιώδεις μαθηματικές ε	έννοιες και παιδική σκέψη. Αθήν	α: Δίπτυχο.

-Πατρώνης, Τ. (2001). Θεμελιώδεις μαθηματικές έννοιες και παιδική σκέψη. Αθήνα: Δίπτυχο.

	L COUNSELING
Lecturer's Name Artemis Giotsa	Semester VI
Course Code IINE226 Study Year 3 <sup>rd</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
1. Introductory notions and definitions in Cour	nseling Psychology.
<ol><li>Aims and types of Counseling Psychology.</li></ol>	
	and other countries. Historical overview. Foundation o
Parent Schools.	
4. Experiences and research data from Parer	it Schools.
<ol> <li>Methodology of parent schools.</li> <li>Themes developing in Parent Schools.</li> </ol>	
<ol> <li>Parental counseling in school space.</li> </ol>	
8. Parental counseling applications in various	developmental stages of children.
9. Parental counseling in susceptible social g	
10. Staff training for parental counseling.	
11. Roles and functions of the Parent School c	
12. The counseling process in Parent Schools.	
13. Development of the dynamics of the Paren	
<ol> <li>Development phases of Parent School teal</li> <li>Difficulties and conflicts resolution in Paren</li> </ol>	
16. Experiential learning through parent cours	
17. Case analysis.	en ig
·	
Teaching method	
Lectures	
Individual and group assignments	
<ul> <li>Group tutorials</li> <li>Student workload (hours)</li> </ul>	
Lectures	26
Tutorials	13
Study for course preparation	40
Collaboration with tutor	3
Exam or assignment preparation	40
Total hours	122
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
5	
Oral exams	100%
Assignment	100%
Selected Bibliography	
	Retter, H., Sussmuth, R. Δίπλωμα για γονείς. Εκδόσει
Αρσενίδη.	
-Μαλικιώση-Λοϊζου, Μ., (2007), Συμβουλευτική Ψυχ	
-Μακρή-Μπότσαρη, Ε., (2001), Αυτοαντίληψη και Αι	
-Παρασκεμόπουλος ΙΝ 8 Παρασκεμοπούλου	
-Παρασκευόπουλος, Ι.Ν. & Παρασκευοπούλου δημιομονικής σκέμιης στο σχολείο και στην οικονέχε	
δημιουργικής σκέψης στο σχολείο και στην οικογένε	

-Χουρδάκη, Μ., (2000), Οικογενειακή Ψυχολογία, Αθήνα: Leader Books.

MUS	
Lecturer's Name P.D.407	
Course Code NY509a	Semester VI
Study Year 3 <sup>rd</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
	isical education in early childhood (emphasis on Orff
Dalcroze and Kodály).	
Major points in the history of world and Greek in the history of world	nusical tradition.
Functional theory of music.	
<ul> <li>Complex musical acts for the kindrgarten – y instruments.</li> </ul>	group work. Emphasis on music with simple musica
<ul> <li>Familiarization with melodic and non-melodic p</li> </ul>	provisions, as well as the flute
<ul> <li>Pariniarization with melodic and non-melodic p</li> <li>Various forms of musical improvisation.</li> </ul>	ercussions, as well as the nucle.
Teaching method	
> Lectures	
<ul> <li>Individual/group assignments</li> </ul>	
<ul> <li>Lab tutorials</li> </ul>	
Student workload (hours)	
Lectures	21
Lab tutorials	18
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Compulsory lab tutorial	20%
Optional assignment	20%
Written exams	60%
Research assignment for ERASMUS students	100%
Selected Bibliography - Elliott, D. (1995). Music Matters. A New Philosoph Press. - Jorgensen, E. (1997). In Search of Music Education.	
- Kaiser, H. J. / Nolte, E. (1989 / 2003): Musikdidaktik.	

- Kaiser, H. J. / Nolte, E. (1989 / 2003): Musikdidaktik. Sachverhalte - Argumente - Begründungen. Ein Lese-und Arbeitsbuch. Mainz: Schott.
- Hargreaves, D. (2004). Η Αναπτυξιακή Ψυχολογία της Μουσικής. (Μετ. Έ. Μακροπούλου). Αθήνα: Fagotto.
- Παπαπαναγιώτου, Ξ. (Επιμ.) (2009). Ζητήματα Μουσικής Παιδαγωγικής. Θεσσαλονίκη: ΕΕΜΕ.

THE ROLE OF THE MUSEUM IN SCIENCE A	ND TECHNOLOGY EDUCATION
Lecturer's Name Katerina Plakitsi	
Course Code IINE137	Semester VII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective	- V
Course Language Greek	
Course Content	
The museum in Science Education: Contemporary	
<ul> <li>The link between Museum Education and Science</li> </ul>	ce Education in research, study curricula and
teaching practice.	
The relationship of scientific museums and schools	
Interaction between Natural Science and Technol	ogy Museums with the contribution of modern
digital technologies.	
Practical/experiential exercise in Nature and the loc	
Familiarization and critical consideration of educational education. The teacher's role in educational program pla	
creation of an educational program for a topic of Science edu	
creation of an educational program for a topic of ocience edu	ication in museum space.
Teaching method	
Lectures – Lab tutorials in groups	
Compulsory assignment	
Student workload (hours)	
Lectures	26
Lab tutorials	13
Study for course preparation	40
Collaboration with tutor	5
Assignment preparation	40
Total hours	124
	· · · ·
Assessment method	
Compulsory assignment	80%
Seminar – Lab tutorial	20%
Research assignment for ERASMUS students	100%
Selected Bibliography	
-Κόκκοτας, Π. & Πλακίτση, Κ. (2005). Μουσειοπαιδαγωγική ι	και Εκπαίδευση στις Φυσικές Επιστήμες. Αθήνα,
Πατάκης.	
-Κολιόπουλος, Δ. (2005). Η Διδακτική Προσέγγιση του	Μουσείου των Φυσικών Επιστημών. Αθήνα:
Μεταίχμιο. Βίσο Ι. Cooper C. Κολιάπουλος Α. Κουλοϊδής Β.	Deléwing K. Solomon - Tagazago(win A
-Bliss, J, Cooper, G., Κολιόπουλος, Δ., Κουλαϊδής, Β., Χατζηνικήτα Β, και Χρηστίδου, Β. (2001) (Επιμ.), <i>Διδακτική τ</i> ι	Pupuvijs, K., Solomon, Ξ., Touroupovij, A., $\mu_{\mu\nu}$ Φυσικών Επιστομών Πάτρα: Ε Δ Π
-Maher, M. (1997) (ed). Collective Vision: Studying and s	
Children's Museums.	
-Hein, G. (1998). Learning in the Museum, London: Routledg	le.
-ICOM, (1996) Statutes, Codes of Professional Ethics, Paris.	

	OCIAL PROCESSES
Lecturer's Name Leda Stergiou	
Course Code IINE138	Semester VII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek Course Content	
perception, as well as the basic means of commu language and dialect are examined, along with the as well as the phenomenon of bilingualism. Speci which has become an area of great controversy. Va different dimensions of linguistic competence are an attainment. Finally, the crucial role of educators with with the students is highlighted. The overall appro-	nguage as a means of (cultural) reality formulation and nication through individuals and teams. The notions of notions of mother tongue and foreign/second language al attention is paid to the study of bilingual education arious types of bilingual programs are examined and the alyzed in relation to the (provided) education and school n respect to the type of interactions they choose to have oach is recorded in the context of the request for an multicultural environments, the purpose of which will be the decrease of social disparity.
<ul> <li>Short individual and group assignments</li> <li>Student workload (hours)</li> </ul>	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Κοινωνία της Ετερότητας. (Επιμ.: Ε. Σκούρτου. Μετά	Δίγλωσση Εκπαίδευση. (Μετάφρ. Α. Αλεξανδροπούλου

-Σελλα-Ινίαζη, Ε. (2001), *Διγλωσσία και Κοινωνία*, Αθηνά: Προσκηνίο. -Κωστούλα-Μακράκη Ν. (2001), *Γλώσσα και Κοινωνία. Βασικές έννοιες*, Αθήνα: Μεταίχμιο. -Φραγκουδάκη Α. (1987), Γλώσσα και Ιδεολογία, Αθήνα: Οδυσσέας.

	ANAGEMENT IN EDUCATIONAL SYSTEMS
Lecturer's Name Thomas Bakas	
Course Code IINE145	Semester VII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective Course Language Greek	
Course Content	
The subject of the course contains the followin 1. The human factor and its importance 2. Planning for human resources in Edu	for the Educational organization.
<ol> <li>Planning for human resources in Edu</li> <li>Staff employment processes.</li> <li>Staff reception and initial support.</li> </ol>	ication.
5. Stimulation ways of human resources	S.
6. Further education and development of	
<ol><li>Communication in an educational org</li></ol>	ganization.
8. Conflict management.	
9. Staff assessment.	
Teaching method → Lectures - short individual and group Student workload (hours) Lectures	assignments 39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	20%
Written exams with assignment	80%
Written exams without assignment	100%
Research assignment for ERASMUS students	s 100%
Selected Bibliography -Sisson K., (ed), (1994), Personnel managemu -Κανελλόπουλος Χαρ., (2002), Διοίκηση Προσ -Ξηροτύρη-Κουφίδη Στυλ. (2001), Διοίκηση Πμ -Παγκάκης Γρ., (2003), Διοίκηση Ανθρώπινων	σωπικού-Ανθρώπινου Δυναμικού, εκδ. Σταμούλη. ροσωπικού, εκδ. Ανίκουλα, Θεσσαλονίκη.

-Φαναριώτης Π., (1997), Διοίκηση Προσωπικού, εκδ., Σταμούλης -Χατζηπαντελή Π. (1999), Διοίκηση Ανθρώπινου Δυναμικού, εκδ. Μεταίχμιο, Αθήνα.

ASS Lecturer's Name Din		N PROGRAMS IN SPECIAL EDUCATION
Course Code IINE2		Semester VII
Study Year 4 <sup>th</sup>	27	Course Level
ECTS 4		Teaching credits 3
Course category Ele	ctive	
Course Language G		
Course Content		
2. Basic progr	and test analysis for early dia ams and intervention methods rategies in children with specie	s in children with special needs.
Teaching method		
Lectures		
	d lab tutorials in groups	
Student workload (	hours)	
Lectures		26
Tutorials and lab tuto	orials	13
Study for course pre	paration	40
Collaboration with tu	tor	5
Exam Preparation		40
Total hours		124
Assessment metho	d	
Compulsory assignn	nent	20%
Written exams		80%
Research assignment	nt for ERASMUS students	100%
des épreuves projec -Σταύρου, Λ. (2002).	s, D. (1997). L'image du col tives. <i>Revue Européene du Η</i> Διδακτική Μεθοδολογία στην	rps chez les infirmes moteurs cérébraux (IMC) au traver andicap Mental, 4(16), 17-23. <i>Ειδική Αγωγή</i> . Αθήνα: Άνθρωπος. cognitive d'évolution et conte-mythe. Etude de cas d'un

-Sarris, D., & Wallet, J.W. (2002). Dysharmonie cognitive d'évolution et conte-mythe. Etude de cas d'une thérapie des enfants de 5-12 ans à travers les Ateliers d'Expression. *Cahiers de Psychopédagogie Curative et Interculturelle*, 1, 80-96.
-Chethik, M. (2000). *Techniques of Child Therapy: Psychodynamic strategies*. New York, U.S.A.: Guilford.
-Μέλλον, P. (1998). Ψυχοδιαγνωστικές μέθοδοι. Αθήνα: Ελληνικά Γράμματα.

#### THEMES IN COGNITIVE AND EDUCATIONAL PSYCHOLOGY: SELF-REGULATION & SELF-REGULATED LEARNING

Lecturer's Name Georgia Papantoniou	
Course Code IINE229	Semester VII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective	

Course Language Greek

## **Course Content**

<u>Self-regulation</u>: Definition of self-regulation; Positive and negative feedback; Self-regulation and selfawareness; Self-regulation and volition; Self-regulation and self-control; Self-regulation and affect; Selfregulation and children; Parents, children and academic failure; Teachers and self-regulation; Socio-cultural impacts; Self-regulation and development across life-span;

<u>Self-regulated learning</u>: Constituents and phases of self-regulated learning; Role of metacognition in self-regulation; Development of academic self-regulation; Instruction and self-regulation of learning; Self-regulated instruction;

# Teaching method

- Lectures
- > Compulsory short individual and group research assignments
- Group tutorials

Student workload (hours)	
Lectures	39
Lab tutorials	10
Study for course preparation (library search, internet search for bibliography, preparation of oral presentation, short essays)	40
Collaboration with tutor	4
Exam Preparation	40
Total hours	125
Assessment method	
Compulsory assignment	40%
Written exams	60%
Compulsory assignment for ERASMUS students	40%
Written exams for ERASMUS students	60%
Oral exams	100%
Assignment (with declared number of pages (60) for graduating students only)	100%

#### Selected Bibliography

-Boekaerts, M., Pintrich, P., & Zeidner, M. (2000) *Handbook of self-regulation.* San Diego, CA: Academic. -Bronson, M. B. (2000). *Self-regulation in early childhood: Nature and nurture.* New York:Guilford. -Heckhausen, J., & Dweck, C. S. (1998). *Motivation and self-regulation across life span.* Cambridge, UK:

Cambridge University Press.

-Κωσταρίδου-Ευκλείδη, Α. (2005). Μεταγνωστικές διεργασίες και αυτο-ρύθμιση. Αθήνα: Ελληνικά Γράμματα.

EDUCA	TIONAL SOFTWARE PROGRAMS II
Lecturer's Name Jenny Pagge	
Course Code IINE310	Semester VII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 4	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ol> <li>Advanced use of ICT in the classical structure</li> </ol>	
<ol><li>Advanced use of multimedia ir</li></ol>	
3. Advanced structure and comp	
4. Advanced educational softwar	e development.
Teaching method	
Lectures	
Short individual and group ass	ignments
Lab tutorials in groups	
Student workload (hours)	
Lectures	26
Lab tutorials	13
Study for course preparation	40
Assignment preparation	40
Collaboration with tutor	3
Total hours	122
Assessment method	
Compulsory assignment	100%
Research assignment for ERASMUS st	udents 100%
Selected Bibliography	;
	η και διδασκαλία στην εποχή της Πληροφορίας. τόμος α΄, β΄. εκδ. Α
Ράπτη. Αθήνα.	
	αι εκπαιδευτικό λογισμικό. εκδ. Κλειδάριθμος. Αθήνα ns in Science, Open University Press

-Johnston S.D. (2005). Early Explorations in Science. Open University Press.

## CONTEMPORARY PROGRAMS OF EARLY CHILDHOOD EDUCATION

Semester VII

Course Level Third

**Teaching credits** 

Lecturer's Name Maria Sakellariou	

Course Code ПNE317 Study Year 4<sup>th</sup>

ECTS 4

## Course category Elective

Course Language Greek

### **Course Content**

The course describes contemporary early childhood education programs that outline the broad epistemological context in the discipline of early childhood education. More specifically:

Presentation of programs from International Practice characterized by philosophical and pedagogic soundness and considered as representative of those applied nowadays. These programs cover knowledge fields of early childhood education as well as the attempts to combine pedagogy, practices and policies. In the context of the course, the following topics are presented:

- A historical approach to early childhood education programs.
- The Head Start Program.
- The Constructivist Approach in early childhood education: Applications in children's museums.
- The Montessorian Education today.
- The Portage Program.
- The Developmental-Interactive Program of Bank Street College
- The High Scope Program.
- Programs for the development of creativity.
- The Program of Kawi-De Vries.
- The behaviorist Programs of Bereiter-Englemann-Becker & Distar.
- A Multicultural educational approach.
- Educational Programs for all children: A model early childhood education program for children with or without special needs.

## **Teaching method**

- Lectures
- Short individual and group assignments
- Discussion, video projections of kindergarten programs in Greece and around the world

Student workload (hours)	
Lectures	36
Tutorials (group work, video projection)	30
Study for course preparation	5
Collaboration with tutor	24
Exam Preparation	40
Total hours	135

Assessment method	
Compulsory assignment (short individual/group assignments)	30%
Written exams	70%
Research assignment for ERASMUS students	100%

#### Selected Bibliography

-Ντολιοπούλου, Ε., Σύγχρονα Προγράμματα για παιδιά Προσχολικής ηλικίας, (2000), Αθήνα: Τυπωθήτω – Γιώργος Δαρδανός.

-Κακανά, Δ., Σιμούλη, Γ.,( Επιμ.), Η Προσχολική Εκπαίδευση στον 21° αιώνα: Θεωρητικές Προσεγγίσεις και Διδακτικές Εφαρμογές,(2008),Θεσσαλονίκη : Επίκεντρο.

-Freire, Ρ., *Δέκα επιστολές προς αυτούς που τολμούν να διδάσκουν*, Επιμ. Τ. Λιάμπας,(2006), Θεσσαλονίκη: Επίκεντρο.

-Χατζηγεωργίου, Γ.,(Επιμ.), Κείμενα Παιδείας: John Dewey, (1999), Αθήνα: Ατραπός.

-Roopnarine, J. & Johnson, Ποιοτικά προγράμματα Προσχολικής Εκπαίδευσης, (2006), Αθήνα: Παπαζήση. -Κουτσουβάνου, Ε., Προγράμματα Προσχολικής Εκπαίδευσης και η διαθεματική διδακτική προσέγγιση, (2003), Αθήνα: Οδυσσέας.

-Chenfeld, M., Creative experiences for young children, (2000), Portsmouth, NH: Heinemann.

-Spring Project, Developing a Relation Approach for Peer – Based Experience in Pre-school Classrooms:

Group working and Relation Skills with your Class, (2004), Draft Handbook, University of Brighton.

	HISTORY OF MODERN GREE	K EDUCATION II
	r's Name Apostolos G. Papaioannou	
	Code IINY119	Semester VIII
	(ear 4 <sup>th</sup>	Course Level Third
ECTS 4		Teaching credits 3
	category Elective	
	Language Greek	
1. 2. 3.	The Greek urban class and interventions in the educ and Greek schools, funding, benefaction and educat The aims of the Greek Frontistirion of Istanbul (1861) Education in 1920s.	ion.
4. 5.	Vienna, to "Education" of Miltos Kountouras, the lit Mazarakis and Konstantinos Karapanos.	erary work of Andreas Moustoxidis, Anthimos
Taaabi	ng mothod	
reach	ng method Lectures and short individual and group assignments	
Studer	t workload (hours)	5
Lecture		39
Study f	or course preparation	40
	pration with tutor	5
	Preparation	40
	•	
Total hours 124		124
Assess	sment method	
Optiona	al assignment	20%
Written	exams with assignment	80%
Written	exams without assignment	100%
Research assignment for ERASMUS students 100%		100%
<b>Selecte</b> -Σήφης -Δημήτ <i>συνιστα</i> -Σήφης	ed <b>Bibliography</b> Μπουζάκης, Νεοελληνική Εκπ/ση 1821-1985, Αθήνα, ρης Σακκής, Νεοσύστατο ελληνικό κράτος 1833-18 ύσες της εκπ/κής πραγματικότητας, (2001), Αθήνα, εκδ Μπουζάκης(επιμ.), Επίκαιρα Θέματα Ιστορίας Εκπ/ση ολος Γ. Παπαϊωάννου, Εμμανουήλ Αναγνώστου Βασι,	348. Οικονομικές, Κοινωνικές και Πολιτισμικές . Δαρδανός. ς, (2002), εκδ.Gutenberg.

-Απόστολος Γ. Παπαϊωάννου, Εμμανουήλ Αναγνώστου Βασιλείου Σκουλάς (1845-1866), ο Πυρπολητής του Αρκαδίου, (2003), Ιωάννινα.

ENVIRONMENTAL EDUCATION		
Lecturer's Name Spyros Pantazis		
Course Code IINE126	Semester VII	
Study Year 4 <sup>th</sup>	Course Level Third	
ECTS 4	Teaching credits 3	
Course category Elective		
Course Language Greek		
<ol> <li>Course Content         <ol> <li>Exploration of the notion of Environmental Education in</li> <li>Learning theories and didactic approaches that can be Education.</li> <li>Basic Principles for the realization of Environmental Education.</li> <li>Holistic and systemic approach of environmental Education.</li> <li>Didactic tools – Didactic strategies for realization.</li> </ol> </li> </ol>	be exploited in the context of Environmental lucation Programs. htal issues.	
Teaching method         > Lectures         > Lab tutorials in groups         > Group discussions         > Filed work		
Student workload (hours) Lectures	26	
	-	
Tutorials (group work, projections, field work)	30	
Study for course preparation	5	
Collaboration with tutor	24	
Exam Preparation	40	
Total hours	125	
Assessment method		
Optional assignment	30%	
Written exams with assignment	70%	
•		
Written exams without assignment	100%	
Research assignment for ERASMUS students Selected Bibliography	100%	
<ul> <li>Γεωργόπουλος, Α. &amp; Τσαλίκη, Ε. (1993). Περιβαλλοντική Εκπαίδευση: Αρχές-Φιλοσοφία, Μεθοδολογία, Παιχνίδι και Ασκήσεις. Αθήνα :Gutenberg.</li> <li>Γεωργόπουλος, Α. (2002). Περιβαλλοντική Ηθική. Αθήνα :Gutenberg.</li> <li>Δεληκανάκη, Ν., Κοκολάκη, Ρ. &amp; Νοίδου, Μ., (2001). Περιβαλλοντική Εκπαίδευση στην Προσχολική Ηλικία. Αθήνα: Ελληνικά Γράμματα.</li> <li>Γεωργόπουλος, Α. (2005). (Επιμ.), Περιβαλλοντική Εκπαίδευση. Ο νέος πολιτισμός που αναδεύεται. Αθήνα: Τυπωθήτω.</li> <li>Φλογαίτη, Ε. (1998). Περιβαλλοντική Εκπαίδευση. Αθήνα: Ελληνικά Γράμματα.</li> <li>Τσαμπούκου-Σκαναβή, Κ.(2004). Περιβάλλον και Κοινωνία: Μια σχέση σε αδιάκοπη εξέλιξη. Αθήνα: Καλειδοσκόπιο.</li> <li>Γεωργόπουλος, Α. (2001). ΓΗ, ένας μικρός και εύθραυστος πλανήτης. Αθήνα: Gutenberg.</li> <li>Μαυρικάκη, Ε. (2001). Εργαστηριακές Ασκήσεις και Δραστηριότητες Περιβαλλοντικής Ευαισθητοποίησης. Αθήνα:Τυπωθήτω.</li> <li>Ηungerford, R.H. (1998). The myths of environmental education- Revisited, στο Hungerford, Η. et.al. (Επιμ.), Essential Readings in Environment: The Center for Instruction, Staff Development and Evaluation. Stipes Publishing L.L.C.</li> <li>Hungerford, H., Peyton, R. &amp; Wilke, R. (1980). Goals for Curriculum Development in Environmental Education, Journal of Environmental Education, 11(3), pp.42-47.</li> </ul>		

SOCIETY & CULTURE		
Lecturer's Name Leda Stergiou		
Course Code IINE139	Semester VIII	
Study Year 4 <sup>th</sup>	Course Level Third	
ECTS 4	Teaching credits 3	
Course category Elective		
Course Language Greek		

#### Course Content

This course examines the notion of culture, as it has been formulated through sociological and anthropological approaches and theories in the last three centuries. Emphasis is given to the study of the relation between individual culture and team culture as well as the influence of the latter to the first.

An attempt is made to demonstrate the relationship between culture and identity, particularly cultural identity as social construct. In the context of contemporary multicultural societies, whereby the significance of the correlation between cultural identity and social integration or exclusion is immense, reference in issues such as (neo)racism, ethnocentrism, stereotypes and prejudice, the damaged identity and its management is considered absolutely necessary.

Teaching method	
Lectures – Discussions - Short individual and group as	signments
Student workload (hours)	
Lectures	39
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	40%
Written exams with assignment	60%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%

Selected Bibliography

-Cuche D. (2001), Η έννοια της κουλτούρας στις κοινωνικές επιστήμες, Αθήνα: Τυπωθήτω-Γ.Δαρδανός. -Βερνίκος, Δασκαλοπούλου (2002), Πολυπολιτισμικότητα. Οι διαστάσεις της πολιτισμικής ταυτότητας, Αθήνα: Κριτική.

-Śmith P. (2006), Πολιτισμική Θεωρία. Μια εισαγωγή, Αθήνα: Κριτική.

-Lévi- Srauss C. (2003), Φυλή και Ιστορία-Φυλή και Πολιτισμός, Αθήνα: Πατάκης.

-Μπαλιμπάρ Ε., Βαλλερστάιν Ι. (1991), Φυλή-Έθνος-Τάξη. Οι διφορούμενες ταυτότητες, Αθήνα: Πολίτης.

DISTANCE LEARN	ING SYSTEM DEVELOPMENT
Lecturer's Name Jenny Pagge	
Course Code IINE316	Semester VIII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 3	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ol> <li>Factors of planning and development of</li> </ol>	f distance learning systems.
2. System categories.	
3. System assessment.	
Teaching method	
Lectures	
Practice and short individual and group assignments	
Group tutorials	
Lab tutorials in groups etc.	
Student workload (hours)	
Lectures	26
Tutorials and lab tutorials	13
Study for course preparation	20
Collaboration with tutor	3
Exam Preparation	30
Total hours	92
Assessment method Oral exams	100%
Research assignment for ERASMUS students 100%	
Selected Bibliography	
-Λιοναράκης, Α. (2005). Ανοικτή και εξ' αποστάσεως εκπαίδευση και διαδικασίες μάθησης. Στο Ανοικτή και εξ αποστάσεως εκπαίδευση- Παιδαγωγικές και τεχνολογικές εφαρμογές. Πάτρα: Ελληνικό Ανοικτό	
	τι τεχνολογικές εφαρμογές. Πάτρα: Ελληνικό Ανοικτό
Πανεπιστήμιο. -Κόκκος Α (1999) Εκπαίδειση Ευρλίκων Το Γ	Τεδίο. Οι Λονές Μάθραρς. Οι Συντελεστές, τόμος Δ΄ Πάτος
-Κόκκος, Α. (1999). <i>Εκπαίδευση Ενηλίκων. Το Πεδίο, Οι Αρχές Μάθησης, Οι Συντελεστές,</i> τόμος Α΄, Πάτρα Ε.Α.Π.	
Ε.Α.Π. -Race P (1999) Το ενχειοίδιο της Ανοιντής Εκπαίδευσης (Ελ Ζέη Μετάφο) Αθήνα. Μεταίνιμο	

-Race, P. (1999). Το εγχειρίδιο της Ανοιχτής Εκπαίδευσης. (Ελ. Ζέη, Μετάφρ.). Αθήνα: Μεταίχμιο. -Keegan, D. (2001). Ή εξ αποστάσεως πανεπιστημιακή εκπαίδευση στην Ευρώπη στην αυγή της τρίτης χιλιετίας' στο 'Θέσεις και προβληματισμοί για την εξ αποστάσεως εκπαίδευση', Αθήνα: Προπομπός.

HEALTH EDUCATION II	
Lecturer's Name Vasilis Koutras	
Course Code IINE422	Semester VIII
Study Year 4 <sup>th</sup>	Course Level Third
ECTS 3	Teaching credits 3
Course category Elective	
Course Language Greek	
Course Content	
<ul> <li>The system is team-centered, where the dynamics of the team are exploited and activates learning in action. In team-centered learning there is an emphasis on cognitive processes, without omitting the importance of the emotional state of the individuals.</li> <li>The phenomena of interaction and interdependence among the team members promote experiential learning. In the educational program there is use of experiential behavioral and cognitive techniques (dramatization, games, story analysis, model application, skill exercise, brainstorming etc.)</li> <li>The course contains the following units: <ol> <li>Basic operation conditions of the team. Developmental stages of the team. The role of the coordinator.</li> <li>Creating with an interested team.</li> <li>Learning cooperation.</li> <li>Myself. Self-esteem enhancement techniques. Growing and changing.</li> <li>The family. Manipulation of family conflicts.</li> <li>Similarities and differences. Others and I – Friends.</li> <li>Social influences of decision-making (family, friends, mass media, educators).</li> <li>Co-existing with others, creating, breaking and maintaining relationships.</li> <li>Interest for others. People helping me.</li> </ol> </li> </ul>	
<ol> <li>Recognizing and expressing emotions. Facing intense emotions. Loss and sorrow.</li> <li>Conflict resolution. The importance of determination, overcoming, cowardice, and aggression manipulation in social relationships.</li> <li>Introduction to critical thinking and responsible decision-making. Cognitive mistakes.</li> <li>Usual stressful situations. Stress management techniques.</li> <li>Negation skills. The importance of independent thinking.</li> <li>Enhancement of self-care emotions.</li> <li>Course assessment in the context of the team.</li> </ol>	
Teaching method	
<ul> <li>Seminar in groups of 20 people with obligatory attend</li> <li>Student workload (hours)</li> </ul>	Jance
Lectures	39
Collaboration with tutor	5
Exam Preparation	46
Total hours	90
Assessment method	
Oral exams	100%
Research assignment for ERASMUS students	100%
Selected Bibliography	
<ul> <li>-Χατζηχρήστου Χ. (2008), Κοινωνική και Συναισθηματική Αγωγή στο σχολείο. Προσχολική και πρωτοσχολική ηλικία, Αθήνα: Τυπωθήτω-Γ. Δάρδανος.</li> <li>-Τριλίβα Σ Chimienti, G. (1998), Πρόγραμμα ελέγχου των συγκρούσεων, Αθήνα:Ελληνικά Γράμματα.</li> <li>-Miller B. (2003), Χτίζοντας καλύτερη σχέση με τα παιδιά στην τάξη, Θεσσαλονίκη: Κέντρο UNESCO.</li> <li>-Μαυρικάκη Ε., Ζωγράφου - Τσαντάκη Ν. (2006), Πρόληψη ατυχημάτων στο νηπιαγωγείο, Αθήνα: Τυπωθήτω-Γ. Δαρδανός.</li> <li>-Rapp Paglicci L., Dulmus C., Wodarski J. (2004) Handbook of Preventive Interventions for Child and</li> </ul>	
Adolescents, J Wiley & Sons, Inc.	

-Stallard, P (2006), Νοιώθω Καλά Σκέπτομαι Σωστά Αθήνα: Τυπωθήτω- Γ Δαρδανός.

# **ENGLISH COURSES OUTLINE**

ENGLISH I		
Lecturer's Name Vanessa Petropoulou		
Course Code	Semester I	
Study Year 1 <sup>st</sup>	Course Level First	
ECTS 3	Teaching credits	
Course category Elective		
Course Language English & Greek		
Course Content Structures and grammatical phenomena of the English language (e.g. Tense system: Simple Present, Present Progressive, Simple Future, 'be going to', Simple Past, Past Progressive, Simple Present Perfect, Present Perfect Progressive, Plurals, Countable & Uncountable Nouns, Adjectives, Adverbs, the Infinitive & the Gerund, Modal Verbs, Prepositions, Idiomatic English, Phrasal verbs, Word formation), taught in the context of texts of increasing difficulty and a variety of topics (e.g. Daily Life, Communication, Literature, Crime, Office Work, Traveling, Habits, Invcentions, Fashion, Friendship, Environment etc.), as well as exercises focusing on reading comprehension, writing (e.g. informal letter, letter of complaint, letter of advice, short story, letter of invitation, letter of apology), listening comprehension (e.g. listening for specific information, listening and note-taking, listening and identifying) and speaking (discussion, talking about advantages and disadvantages, likes and dislikes, describing pictures, responding to visuals, role play – job interview, giving advice). <b>Teaching method</b> ➤ Lectures - group tutorials		
Student workload (hours)		
Lectures	26	
Tutorials	13	
Study for course preparation	20	
Collaboration with tutor	5	
Exam Preparation	30	
Total hours	94	
Assessment method		
Written exams	100%	
Oral exams (only for graduating students or students with health problems) 100%		
Selected Bibliography -Grivas, C.N. (2004) English for Adults Grammar & Companion 1, Athens: Grivas Publitions. -Grivas, C.N. (2005) English for Adults Grammar & Companion 2, Athens: Grivas Publitions. -O'Brien, Kathleen & Fiona Longden (2004) English for Adults Coursebook 2, Athens: Grivas Publications.		

ENGLISH II	
Lecturer's Name Vanessa Petropoulou	
Course Code	Semester I
Study Year 1 <sup>st</sup>	Course Level First
ECTS 3	Teaching credits
Course category Elective	
Course Language English & Greek	
Structures and grammatical phenomena of the English language (Past Perfect Simple & Progressive, Future Perfect Simple & Progressive, Conditionals, Emphatic structures, Passive Voice, Direct & Reported Speech, Question tags, Causative, Relative clauses, Clauses of result, reason, purpose, time, Participles, Conjunctions, Prepositions, Idiomatic English, Phrasal Verbs, Word formation) taught in the context of texts of increasing difficulty and a variety of topics (e.g. Law, Human Rights, Health, Money, News, Language, Family, Learning, Leisure, Advertising, Science etc.) and exercises focusing on reading comprehension, writing (e.g. articles, essay composition, short story, letter giving information, letter of application), listening comprehension (e.g. listening for specific information, listening and note-taking, listening and labeling, listening and identifying, listening for key words) and speaking (discussion, talking about advantages and disadvantages, pair work – giving instructions, describing/comparing photos, pair work – decision making, responding to visuals, pair work – problem solving, giving advice).	
Lectures – Group tutorials  Student workload (hours)	
Lectures	26
Tutorials	13
Study for course preparation	20
Collaboration with tutor	5
Exam Preparation	30
Total hours	94
Assessment method	
Written exams	100%
Oral exams (only for graduating students or students with health	problems) 100%
<b>Selected Bibliography</b> -Grivas, C.N. (2005) English for Adults Grammar & Companion 2, Athens: Grivas Publications. -O'Brien, Kathleen & Fiona Longden (2004) <i>English for Adults Coursebook 2</i> , Athens: Grivas Publications. -Raimes, Ann (2004) Grammar Troublespots. A Guide for Student Writers. New York: Cambridge University Press.	

ENGLISH TEXTS & TERMINOLOGY ON EARLY	CHILDHOOD EDUCATION I
Lecturer's Name Vanessa Petropoulou	
Course Code NY116a	Semester III
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits
Course category Compulsory	
Course Language English & Greek	
Course Content	
Texts on topics deriving from the disciplines related to Early Sociology, Linguistics, Psychology and Educational Organizat "Teaching and Learning", "L1 and the LAD", "The Nature or Nu "Western Education Systems", "Social Benefits of Extended F Constructivism, Egocentrism", "Teaching to the Whole Child") academic study skills, such as reading comprehension, text s academic writing, information citing, lecture comprehension and discussion.	ion (Modules: "10 Signs of a Preschool", rture Problem", "Personal Learning Styles", Families", "Understanding Young Children: accompanied with exercises focusing on scanning & skimming, text summarization,
Teaching method	
Lectures	
<ul> <li>Group tutorials</li> </ul>	
Student workload (hours)	
Lectures	26
Tutorials	13
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	10%
Written exams with assignment	90%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Oral exams (only for graduating students or students with health	problems) 100%
Assignment (only for graduating students or students with health problems) 100%	
Selected Bibliography -Cox, Kathy & David Hill (2004) EAP Now! English for Aca Education Australia. -Phillips, Terry (2004), Skills in English, 2 <sup>nd</sup> ed., Reading: Garnet -Raimes, Ann (2004) Grammar Troublespots. A Guide for Stud	Education.
University Press.	

-Seal, Bernard (1998) Academic Encounters. Reading Study Skills and Writing. New York: Cambridge University Press.

ENGLISH TEXTS & TERMINOLOGY ON EARL	Y CHILDHOOD EDUCATION III
Name of Tutor: Vanessa Petropoulou	
Course Code NY612a	Semester IV
Study Year 2 <sup>nd</sup>	Course Level Second
ECTS 4	Teaching credits
Course category Compulsory	
Course Language English & Greek Course Content	
Texts with topics deriving from disciplines related to Early Sociology, Preschool Pedagogy, Science Education, Intercult Technology in Education and Special Education (Modu Developmental Stages, Cross-cultural Communication, Fam Research Techniques, Ingredients for Quality Childcare, Acce Standards for Preschool Mathematics, ICT in Preschool, Purpo focusing on academic study skills, such as reading comp summarization, academic writing, research assignment plann internet use for research purposes, diagram/chart interpre comprehension, note-taking and text translation. Teaching method > Lectures	ural Education, Information & Communication les: Developmentally Appropriate Practice, nily Responsibility, Special Education, Basic ess to Education, Benefits of Play in Children, ose of Education) accompanied with exercises prehension, text scanning & skimming, text ing, compilation of bibliographies, library and
<ul> <li>Group tutorials</li> <li>Student workload (hours)</li> </ul>	
Lectures	26
Tutorials	13
Study for course preparation	40
Collaboration with tutor	5
Exam Preparation	40
Total hours	124
Assessment method	
Optional assignment	10%
Written exams with assignment	90%
Written exams without assignment	100%
Research assignment for ERASMUS students	100%
Oral exams (only for graduating students or students with heal	th problems) 100%
Assignment (only for graduating students or students with heal	th problems) 100%
Selected Bibliography -Cox, Kathy & David Hill (2004) EAP Now! English for A Education Australia. -Mouzakitis, George (1996) The Language we use for Educatio -Seal, Bernard (1998) Academic Encounters. Reading Stud University Press. -Slaght, John & Paddy Harben (2004) English for Academic S Education	on. Αθήνα: Εκδόσεις Έλλην. ly Skills and Writing. New York: Cambridge study. Reading: Coursebook. Reading: Garne
-Slaght, John, Paddy Harben & Anne Pallant (2004) English for Academic Study. Reading & Writing: Source Book Reading: Garnet Education	

Book. Reading: Garnet Education -Wallace, Michael J.(2004) Study Skills in English, 2<sup>nd</sup> ed., Cambridge: Cambridge University Press.