# Compulsory

Compulsory (Y) are the courses that all students of the Department are required to attend and in which all of them are required to be examined. In case of failing a compulsory course, students cannot replace it with another one. The aim of the compulsory courses is to introduce students to the specific Education Sciences and their methodology and to provide common basic training to all students of the Department. As shown in Figure 1, approximately 40% of the Compulsory Courses relate to Education Sciences and Basic Pedagogical Education (37% for the current academic year). The rest of the Compulsory Courses are equally divided in the Humanities and their teaching (30%, 33% in the current academic year) and in Sciences and their teaching (30%, 30% in the current academic year). These courses teaching is carried out mainly in the form of lectures. Some of them, such as e.g. Physics, Physical Education, Arts Education, as well as Music Teaching are combined with exercises (laboratory, tutoring, practicum). Most Compulsory Courses are offered - according to the Program of Studies - mainly in the first four semesters; their number is gradually decreasing in the next four semesters.

Compulsory courses are independent and do not require other courses. Exceptions are the Teaching Courses of the primary school (2nd phase of Teaching Methodology and Student Practicum), which require the respective Compulsory Courses of the Special Sciences category. These courses are offered in the first two years, because teaching courses at primary school starts in the fourth semester.

**Catalogue of Compulsory Courses**

**I.Courses from the Field of Educational Sciences (ES)**

|  |  |  |
| --- | --- | --- |
| **Basic Pedagogical Education** |  | **ECTS** |
| Υ 101 Methodology of Teaching | Dimitriadou A. | 4 |
| Υ 102 Special Education and Learning Difficulties | Mavropalias T. | 4 |
| Υ 105 Developmental Psychology | Pnevmatikos D. | 4 |
| Υ 107 History of the Modern Greek Education and Educational Policy | Iliadou-Tachou S. | 4 |
| Υ 111 Sociology of Education | Adjunct Staff | 4 |
| Υ 112 Administration, Management and Assessment in Education | Adjunct Staff | 5 |
| Υ 113 Pedagogy | Papadopoulou V. | 5 |
| Υ 114 Educational Interaction and Social Relationships in the Classroom | Thoidis I. | 4 |
| Υ 117 School Psychology | Giaouri S. | 4 |
| Υ 119 Intercultural Education | Adjunct Staff | 4 |
| **Total** |  | **42** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ***Courses in Specific Areas (Humanities and Sciences)*** | | |  |
|  | **Education In Subject-Matters Related to Various Topics Taught in Primary School** | | | **ECTS** |
| ***II. Courses from Humanities and their Teaching*** | |  |  | |
| Υ 202 Teaching Greek as a Second/ Foreign Language | | Griva E. | 4 | |
| Υ 203 Modern Greek Grammar | | Sakellariou A. | 4 | |
| Υ 204 Modern Greek History | | Iliadou-Tachou S. | 4 | |
| Υ 207 Greek Children’s and Adolescent Literature | | Akritopoulos A. | 4 | |
| Υ 208 History: Antiquity and Byzantium | | Andreou A. | 4 | |
| Υ 209 Orthodoxy and Culture in Education | | Fr. Ireneos Chatzi-efraimidis | 4 | |
| Υ 212 Special Topics in History Teaching | | Kasvikis K. | 4 | |
| Y 213 Specific Subjects of the Greek Language | | Kamaroudis S. | 4 | |
| **Total** | |  | **32** | |
|  | |  |  | |
| ***III. Courses from Sciences and Science Education*** | |  |  | |
| Υ 301 Special Issues in Mathematics Education | | Lemonidis Ch. | 4 | |
| Υ 303 Concepts of Physics and Students’ Ideas | | Adjunct Staff | 5 | |
| Υ304 Environmental Education-Education For Sustainable Development | | Adjunct Staff | 5 | |
| Υ 305 ICT in Education | | Palaigeorgiou | 5 | |
| Υ 306Methodology of Educational Research | | Retali A.K. | 5 | |
| Υ 308 Elements of Arithmetic and Set Theory for Primary School | | Nikolantonakis K. | 4 | |
| **Total** | |  | **28** | |

***IV. Teaching Methodology and Practicum***

|  |  |  |
| --- | --- | --- |
| **Education in Theory and Training in Practice** | | **ECTS** |
| Α Phase of Practicum:  Υ 401 | Introduction to the Theory of School and Instruction | 5 |
|  |  |  |
| Β Phase: | Teaching of Primary School Subjects |  |
| Υ 402 | Greek Language Teaching in the Primary School | 5 |
| Υ 403 | Teaching of History | 5 |
| Υ 404 | Mathematics Education | 5 |
| Υ 405 | Science Teaching | 5 |
| C Phase:  Υ 406 | Training Teaching for Two Full Weeks in a Primary School, with Theoretical Preparation and Feedback | 6 |
|  | **Total** | **31** |

# Required Elective courses

Required Elective (YE) are the courses that are classified into three major categories and are offered for students to choose, with the obligation that this choice corresponds to six courses of each category (total: 18 courses). The categories are: a) Education Sciences, b) Humanities and their Teaching and c) Sciences and their Teaching. If the specific courses are selected by the student in the manner mentioned above, they **are now considered Compulsory** and none can be replaced by another Required Elective course. An exception may apply if a particular course is no longer offered, so it should be replaced by another course in the same category.

The Required Elective (YE) courses aim at **deepening** into individual topics and problems regarding the specific filed of science and at the same time at students’ familiarization with the **research process**. For this reason they are mainly in the form of a seminar or laboratory. Through such courses, students undertake the elaboration of either individual or collective written assignments and presentations or small-scale researches, which may be carried out either individually or in the context of teachers' research activities. Each Required Elective course can be selected by a maximum of **30 students**; this number may increase if the course is selected as an Elective course by students of the Department or other Departments or in the case that the courses offered in each category cannot cover the needs of students’ number.

In the first three semesters of study it is not possible to participate in Required Elective courses, because the program of these semesters is significantly covered by Compulsory Courses. This opportunity is given for the first time in the 3rd semester. Moreover, many of these courses require a successful examination in the corresponding Compulsory courses. In case of failing examinations in a Required Elective course, students who had chosen it are obliged to attend it again in the next semester, if offered. Only if this course is not offered, it can it be replaced by another Required Elective course of the same course group.

**Required Elective Courses from the Field of Education Sciences (ES)**

During their whole study, students have to successfully attend six (6) Required Elective Courses from the field of Education Sciences (ES)

|  |  |  |  |
| --- | --- | --- | --- |
| **Required Elective Courses from Education Sciences (ES)** | | | |
| **CODE** | **TITLE** | **Teaching Staff** | **ECTS** |
| YE 131 | Curricula | Papadopoulou V. | 4 |
| YE 133 | Pedagogy of Leisure Time | Thoidis I. | 4 |
| YE 134 | Administration and function of school unit | Iordanidis G. | 4 |
| YE 135 | History of Education | Iliadou-Tahou S. | 4 |
| YE 136 | Conceptual Change and Learning | Pnevmatikos D. | 4 |
| YE 142 | All Day School: Theory and Praxis | Thoidis I. | 4 |
| YE 144 | History of Education in Macedonia | Iliadou-Tahou S. | 4 |
| YE 145 | Moral And Emotional Development | Pnevmatikos D. | 4 |
| YE 146 | Intellectual Disability | Andeopoulou A. | 4 |
| YE 154 | Organizational Behaviour  in Educational Organizations | Iordanidis G. | 4 |
| YE 155 | Differentiated Instruction  in Mixed Classes | Dimitriadou A. | 4 |
| ΥΕ 159 | Comparative Education | Adjunct Staff | 4 |
| YE 162 | Educational Policy | Iliadou-Tahou S. | 4 |
| YE 163 | Writing a Research Paper | Dimitriadou A. | 4 |
| YE 164 | Socio-pedagogical approaches  in Primary School | Thoidis I. | 4 |
| YE 165 | Motivation in Education | Giaouri S. | 4 |
| YE 166 | Educational Assessment | Iordanidis G. | 4 |
| YE 167 | Classroom Management | Vssiou A. | 4 |
| YE 171 | Micro Teaching and teaching practice | Adjunct Staff |  |
| YE 173 | Speech and Speaking Problems | Andreopoulou A. | 4 |
| YE 174 | Introduction to Hearing Impairment and Deafness | Andreopoulou A. | 4 |
| YE 175 | Emotional and Behavioral Disorders | Mavropalias T. | 4 |
| YE 178 | School Counseling: Prevention  and intervention in family and school | Giaouri S. | 4 |
| YE 179 | Psychoeducational assessment  of learning and adjustment difficulties | Giaouri S. | 4 |
| YE 180 | Emotion in the pedagogical process | Vasiou A. | 4 |
| YE 138 | School Pedagogy: Theory of School | Adjunct Lecturer | 4 |

**Catalogue of Required Elective Courses from the Field of Humanities (HM)**

During their whole study, students have to successfully attend six (6) Required Elective Courses from the field of Humanities (HM).

|  |  |  |  |
| --- | --- | --- | --- |
| **Required Elective Courses from Humanities (HM)** | | | |
| **CODE** | **TITLE** | **Teaching Staff** | **ECTS** | |
| YE 232 | Modern Greek Poetry and Poetry for Children | Αkritopoulos A. | 4 | |
| YE 240 | Measurement and Evaluation of Perceptual-Motor Abilities and Skills | Semoglou K. | 4 | |
| YE 243 | Didactics of Literature | Αkritopoulos A. | 4 | |
| YE 244 | Prose Literature for Children and Adolescents and its Didactics | Αkritopoulos A. | 4 | |
| YE 245 | Questions of Language(s) and Pedagogy(ies) | Kamaroudis S. | 4 | |
| YE 248 | Pedagogical Kinetic Applications | Semoglou K. | 4 | |
| YE 249 | Theory and Practice of Music | Adjunct Staff | 4 | |
| YE 256 | Language Learning Strategies | Griva E. | 4 | |
| YE 257 | Introduction to Bilingualism – Bilingual Education | Griva E. | 4 | |
| YE 258 | Alternative Methods of Assessing Language Skills | Griva E. | 4 | |
| YE 264 | Greek Language Texts | Kamaroudis S. | 4 | |
| YE 265 | Vocabulary: Description and Didactics | Sakellariou A. | 4 | |
| YE 266 | Literacy at School: Understanding and Producing Texts | Sakellariou A. | 4 | |
| YE 267 | Museum Education | Andreou A. | 4 | |
| YE 268 | History and Culture in Education | Andreou A. | 4 | |
| YE 269 | History from sources | Andreou A. | 4 | |
| YE 262 | Alternative Approaches in History Teaching | Kasvikis K. | 4 | |
| YE 272 | Philosophy of Education | Adjunct Staff | 4 | |
| YE 273 | Pedagogical Materials | Tamoutselis N. | 4 | |
| YE 273 | Citizenship Education | Bunovas I. | 4 | |

**Catalogue of Required Elective Courses from the Field of Sciences and Mathematics (ES)**

During their whole study, students have to successfully attend six (6) Required Elective Courses from the field of Sciences and Mathematics (SC).

|  |  |  |  |
| --- | --- | --- | --- |
| **Required Elective Courses from Sciences and Mathematics (SC)** | | | |
| **CODE** | **TITLE** | **Teaching Staff** | **ECTS** |
| YE 331 | Production of Educational Material for Mathematics Education Using ICT | Lemonidis Ch. | 4 |
| YE 332 | Epistemology | Nikolantonakis K. | 4 |  |
| YE 367 | Educational Research: Quantitative Data Analysis | Retali A. K. | 4 |  |
| YE 335 | Design and Development of Educational Software | Adjunct Staff | 4 |
| YE 342 | Applied Educational Research | Retali A. K. | 4 |
| YE 337 | History of Mathematics and Mathematics Education | Nikolantonakis K. | 4 |
| YE 338 | Pedagogical Knowledge of Content in Science Education | Spyrtou A. |  |
| YE 349 | Implementation of Sustainability Projects in Primary School | Adjunct Staff | 4 |
| YE 350 | Open Inquiry Learning Environments in Science Education | Adjunct Staff | 4 |
| YE 351 | Educational Software | Adjunct Staff | 4 |
| YE 353 | Elements of Geometry and Problem Solving | Nikolantonakis K. | 4 |
| YE 354 | Developing the Number Concept | Christou K. | 4 |
| YE 356 | Learning Difficulties in Mathematics Education | Lemonidis Ch. | 4 |  |
| YE 357 | Ubiquitous Computing in School | Adjunct Staff | 4 |
| YE 363 | Development of teaching scenarios for STEAM utilizing educational robotics | Adjunct Staff | 4 |
| YE 359 | Development of Digital Teaching Material and ICT teaching scenarios | Bratitsis Th. | 4 |
| YE 365 | Economics of Education | Adjunct Staff | 4 |
| YE 366 | Educational Research: Introduction to data analysis | Retali A.K. |  |
| YE 368 | Learning based on Video | Palaigeorgiou G. | 4 |
| YE 355 | Designing, implementation and evaluation of educational practices in technoscientific settings | Adjunct Staff | 4 |
| YE 361 | Educational Robotics | Adjunct Staff | 4 |

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### **Catalogue of Required Elective Courses from the Field of Teaching Methodology and Teaching Practicum**

During their whole study, students have to successfully attend two (2) Courses from the field of Teaching Methodology and Teaching Practice

|  |  |  |  |
| --- | --- | --- | --- |
| **Required Elective Courses in Teaching Methodology and Training Teaching** | | | |
| **Code** | **Title** | **Teaching Staff** | **ECTS** |
| YE 431 | Teaching of the Study of the Environment | Adjunct Staff | 5 |
| YE 432 | Teaching of the Religious Education | Fr. Chatziefremidis I. | 5 |
| YE 433 | Teaching Arts | Tamoutselis N. | 5 |
| YE 434 | Applied Music Education | Adjunct Staff | 5 |
| YE 435 | Teaching Physical Education | Semoglou K. | 5 |

# Elective Courses (EE)

The Program of Undergraduate Studies provides eighteen credits (6x3 = 18PM) or 24 (6 x 4 = 24 ECTS) for Elective courses. Students have the opportunity to complete their programs with courses that meet their personal interests in addition to the commitments arising from the two previous categories of courses (Compulsory and Required Elective, including the courses of the Student Practice – B phase). These courses can be selected from the offered Elective courses of the Department or from courses of another Department of the University or even other Schools of the country and abroad through the ERASMUS program. Also, in order to give students the opportunity to choose a course from the Required Elective courses which they could not choose due to the limited number of students who can attend it, a small number of students (not more than five students per course) may choose one of the Required Elective courses of the Department as an Elective course. Each of these courses should in no case have a workload of less than 4 ECTS credits, in order to correspond to an Elective course for obtaining a degree. It is pointed out that students are not obliged to cover the eighteen credits with optional courses from other Departments, but that this is an additional opportunity given to them, as they can also choose courses from the Required Elective courses offered.

Elective courses can be chosen by a maximum of 150 students; this number can be increased, if the course is chosen as an Elective course by students of the Department or other Departments or if the courses offered in each category cannot cover the required number of seats. An Elective course can also be covered by the Bachelor Thesis which corresponds to three Elective courses or 12 ECTS.

***Elective Course of Winter Semester***

During their whole study, in the winter semesters, students have to successfully attend two (2) of the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| **Elective Courses of winter semester (EE)** | | | |
| **Code** | **Title** | **Teaching Staff** | **ECTS** |
| EE 505 | History of Books | Papageorgiou E. | 4 |
| EE 530 | Extended Student Practice | Sakellariou A. | 4 |
| EE 177 | School climate and School Culture | Adjunct Staff | 4 |
| EE 171 | Microteaching and Teaching Practice | Adjunct Staff | 4 |

***Elective Courses of spring semester***

During their whole study, in the spring semesters, students have to successfully attend two (2) of the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| **Elective Courses of spring semester (EE)** | | | |
| **Code** | **Title** | **Teaching Staff** | **ECTS** |
| EE 526 | Cultural Elements of Olympic Games in the 4th Century A.D. | Fr. Ireneos Chatziefremidis | 4 |
| EE 504 | Book Arts | Papageorgiou E. | 4 |
| EE 530 | Extended Teaching Practice | Sakellariou A. | 4 |
| EE 181 | Mental Health in School Environment | Vasiou A. | 4 |