



Study Plan

School: School of Social Sciences
Degree: Bachelor
Course: Education Sciences (cód. 675)

1st Year - 1st Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02472L	Methods of Study and Research	Education Sciences	3	Semester	78
PED02473L	Introduction to Educational Sciences	Education Sciences	3	Semester	78
PED02474L	History of Pedagogy and Education	Education Sciences	6	Semester	156
SOC02411L	Sociology of Education	Sociology	6	Semester	156
PED02475L	Information and Communication Technologies in Education	Education Sciences	6	Semester	156
HIS02422L	History Themes of the twentieth century	History	6	Semester	156

1st Year - 2nd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
LLT12643L	Practices of Academic Writing	*** TRANSLATE ME: Línguas e Linguística ***	3	Semester	78
SOC12642L	Anthropology of Education	Sociology	6	Semester	156
PSI02477L	Psychology of Development	Psychology	6	Semester	156
PED02478L	Observation and analysis of Contexts of Education/ Training	Education Sciences	6	Semester	156
MAT12644L	Statistics Applied to Human and Social Sciences	Mathematics	6	Semester	156

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02495L	Education and Values	Education Sciences	3	Semester	78
PED02496L	Education for Health	Education Sciences	3	Semester	78
PED02497L	Education, Democracy and Participation	Education Sciences	3	Semester	78

2nd Year - 3rd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PSI02479L	Educational Processes Psychology	Psychology	6	Semester	156
ECN02480L	Education Economics	Economy	6	Semester	156
PED02481L	Curricular Development	Education Sciences	6	Semester	156
PED02482L	Education and Political Institutions	Education Sciences	6	Semester	156



2nd Year - 3rd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02483L	Pedagogic Communication	Education Sciences	6	Semester	156

2nd Year - 4th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02484L	Compared Education	Education Sciences	6	Semester	156
PED02485L	Education, Planning and Local Development	Education Sciences	6	Semester	156
PED02486L	Elements of Educational Administration	Education Sciences	6	Semester	156
PED02487L	Educational Assessment	Education Sciences	6	Semester	156

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02500L	Adult Education	Education Sciences	6	Semester	156
ECN12645L	Introduction to Law	Legal-Political Theory and International Relations	6	Semester	156
PED12538L	Theories and Models of Professional Formation	Education Sciences	6	Semester	156

3rd Year - 5th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02488L	Research in Education	Education Sciences	6	Semester	156
PED02489L	Theory and Practice of Mediation	Education Sciences	6	Semester	156
PED02490L	Communitarian Education	Education Sciences	6	Semester	156
PED02491L	Seminar in Project Development	Education Sciences	6	Semester	156
PED02494L	* Intervention Projects in Education	Education Sciences	6	Semester	156

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED12539L	Education and heritage	Education Sciences	6	Semester	156
PED02501L	Production of digital educational resources	Education Sciences	6	Semester	156
SOC02410L	Sociology of the Family	Sociology	6	Semester	156

3rd Year - 6th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
FIL02492L	Philosophy of Education	Philosophy	6	Semester	156
PED02493L	Contemporary Educational Thought	Education Sciences	6	Semester	156



3rd Year - 6th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
GES02310L	Entrepreneurship and Innovation	Management	6	Semester	156
PED02494L	Intervention Projects in Education	Education Sciences	6	Semester	156
PED02491L	* Seminar in Project Development	Education Sciences	6	Semester	156

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED02500L	Adult Education	Education Sciences	6	Semester	156
ECN12645L	Introduction to Law	Legal-Political Theory and International Relations	6	Semester	156
PED12538L	Theories and Models of Professional Formation	Education Sciences	6	Semester	156

Conditions for obtaining the Degree:

*** TRANSLATE ME: Ciências da Educação

Para obtenção do grau de licenciado em Ciências da Educação é necessário obter aprovação a 159 ECTS em unidades de curriculares obrigatórias e 21 ECTS em unidades curriculares optativas, distribuídas da seguinte forma:

1º Ano

1º Semestre:

6 UC Obrigatórias num total de 30 ECTS

2º Semestre

5 UC Obrigatórias num total de 27 ECTS

1 UC Optativa num total de 3 ECTS

2º Ano

3º Semestre

5 UC Obrigatórias num total de 30 ECTS

4º Semestre

4 UC Obrigatórias num total de 24 ECTS

UC Optativas num total de 6 ECTS

3º Ano

5º Semestre

4 UC Obrigatórias num total de 24 ECTS

UC Optativas num total de 6 ECTS

6º Semestre

4 UC Obrigatórias num total de 24 ECTS

UC Optativas num total de 6 ECTS ***

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Methods of Study and Research (PED02472L)



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Introduction to Educational Sciences (PED02473L)

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History of Pedagogy and Education (PED02474L)

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Sociology of Education (SOC02411L)

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Information and Communication Technologies in Education (PED02475L)

- 1) Fundamentals for the use of Technologies: operating concepts and justifications for using technology in education and professional training.
- 2) Educational work methodologies using ICT: project method (PBL), collaborative work, independent and autonomous work, problem solving and survey methodology.
- 3) Planning tools: plans and scripts for activities and the exploitation of educational software.
- 4) Educational work tools: organization and productivity, multimedia creation, Web 2.0 applications and digital platforms.
- 5) Environments for assessing student learning (digital portfolios, Socrative, Kahoot).
- 6) Safety, ethics and protection of children and young people in the use of ICT.

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History Themes of the twentieth century (HIS02422L)

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Practices of Academic Writing (LLT12643L)

1. Interactions between Orality and Writing
2. The written text: linguistic qualities
 - 2.1 Importance of rules: orthography and accentuation
 - 2.2. Sentence structure and articulation
 - 2.2.1. Mechanisms of connection: syntactic functioning of discourse markers; punctuation (grammatical norm and stylistic variation);
 - 2.2.2. Nominal cohesion: anaphoric reference construction
 - 2.2.3. Verbal cohesion: temporal organization
 - 2.2.4. Other linguistic marks of theoretical discourse
3. Stages of text production: planning and writing
 - 3.1. Textual contexts: themes, subthemes, topics
 - 3.2. Text outline
 - 3.3. Handling information: notes, citation, paraphrase, plagiarism, patchwriting
4. Identifying several kinds of written texts
 - 4.1. Summary; commentary; report; critical text; argumentative text; creative text
5. Commentaries and suggestions on written texts
 - 5.1 Grammatical acceptability and micro/macro organization of the text. Complying with communicative aims



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Anthropology of Education (SOC12642L)

I: INTRODUCTION TO ANTHROPOLOGY AND THE ANTHROPOLOGY OF EDUCATION

1. Common denominator and differences in the various perspectives of the approach of Education - Pedagogy, Educational Sciences, Anthropology of Education
2. General concepts - Education, Education, Erudition, Culture
3. The human being - unity and plurality of the subject and object of Education
4. Educability as a pedagogical and anthropological presupposition

II: ANTHROPOLOGICAL VIEWS ON EDUCATION

1. Methodological assumptions on Anthropology and Education; The Anthropology of Education in Portugal.
2. The school-family-community relationship. Intercultural societies, subcultures and education: practices of intercultural education in Portugal;
3. School failure and drop-out and cultural integration of ethnic minorities;
4. Other spaces of Education: The museum as an educational space.

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Psychology of Development (PSI02477L)

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Observation and analysis of Contexts of Education/ Training (PED02478L)

1. Nature and rationale of the observation process
 - 1.1. Observation
 - 1.2. Contexts and instruments of observation
 - 1.3. Advantages and disadvantages of observation.
2. Observational methodologies - principles, techniques and instruments
 - 2.1. Situation: i) participant and non-participant observation; ii) distanced and participated observation; iii) intentional and spontaneous observation.
 - 2.2. Observation process
 - 2.3. Observation field
 - 2.4. Quantitative and qualitative approaches.
 - 2.5. Observation project
 - 2.6. Registration techniques
 - 2.7. Analysis and Treatment of Observation Data
3. Observation as a support of pedagogical intervention
4. Observation in research
5. Advantages, difficulties and limitations of observation
6. Information management and the ethical dimension of observation



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Statistics Applied to Human and Social Sciences (MAT12644L)

Descriptive statistics

Introduction to probability

Random variables : unidimensional and bidimensional

Main probability distributions

Point estimation and confidence intervals

Hypothesis testing

Goodness of fit and independence tests

Other non-parametric tests

Correlation and linear regression

Use of statistical software.

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Education and Values (PED02495L)

1. Introduction to the issue of values:

1.1. What are the values?

1.2. ways of knowing the values

1.3. ways to teach and learn values.

1.4. Worldview, values and education

2. Educating in values:

2.1. The project of life: the dignity of human life

2.2. Equal but different

2.3. Freedom and its limits

2.4. Share responsibilities

2.5. Justice and solidarity

2.6. The duty to live in peace



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Education for Health (PED02496L)

Theoretical-practical classes

- 1 Education and health: conceptual bases of health education (HE) and quality of life
- 2 Factors that determine the level of health-disease in the world today
- 3 Paradigms of health promotion (HP)
- 4 Environment and health
- 5 Emerging fields in HE
- 6 Health in post-transactional societies in the 21st century. XXI: a demographic perspective
- 7 Healthy living and disability evolution
- 8 ABC Model: a radical approach to HE
- 9 Potentiation model in HE
- 10 Theories and models in HE
- 11 Risk perception and prevention communication.
- 12 Group work and the development of preventive behaviors
- 13 Risk and prevention habits – major health problems of the 21st century
- 14 Methodology and research in HE

Practical and laboratory classes

- 1 HE in schools: health-promoting school
- 2 Parents in HP and HE in schools
- 3 Image analysis of preventive advertising
- 4 Methodology and work procedures in HE
- 5 Practical HE Guides

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Education, Democracy and Participation (PED02497L)

1. Democracy - History of an Idea.
 - 1.1. Democracy in Greco-Roman antiquity.
 - 1.2. Democracy - from classical antiquity to the sixteenth century.
 - 1.3. Democracy - XVII-XVIII centuries.
 - 1.4. "Democracy in America."
 - 1.5. Democracy in the twentieth century: Robert Michels's "iron law of oligarchy", deliberative democracy and neo-republicanism.
2. Democracy and Education.
 - 2.1. Democracy & Education - New Schools Movement.
 - 2.2. Democracy & Education - John Dewey.
 - 2.3. Democracy & Education - Portugal - João de Barros.
 - 2.4. Democracy & Education - Portugal - António Sérgio.
 - 2.5. Education & Democracy - Citizenship and Citizenship Education in Portugal

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Educational Processes Psychology (PSI02479L)

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Education Economics (ECN02480L)



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Curricular Development (PED02481L)

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Education and Political Institutions (PED02482L)

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Pedagogic Communication (PED02483L)

1. Human communication.
 - 1.1. Verbal aspect.
 - 1.1.1. Communication models.
 - 1.2. Non-verbal aspect.
 - 1.2.1. Functions of non-verbal communication.
 - 1.2.2. The body.
 - 1.2.3. Non-verbal communication in Education.
2. Barriers to communication.
 - 2.1. Among people, among people and groups and among groups.
 - 2.2. In educational situations

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Compared Education (PED02484L)

1. The Comparative Education under the Education Sciences.
2. Basic concepts of the discipline: Comparative Education and Comparative Education?
3. History of discipline and milestones and key players in its evolution.
4. Methodological problems of "comparison".
5. Comparison of the specific problems in education.
6. Resources for research in Comparative Education.
7. International and national institutions in the field of education and comparative studies.
8. The international comparison and assessment of the quantity and quality of education.
9. The Educational Prospects - perspectives on the future of education.
10. Main problems of current education worldwide.

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Education, Planning and Local Development (PED02485L)

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Elements of Educational Administration (PED02486L)



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Educational Assessment (PED02487L)

1. The educational assessment: concepts and paradigms
 - 1.1. The assessments concepts, measure and classification
 - 1.2. Assessment presuppositions
 - 1.3. Extent, nature, functions and consequences of the assessment
 - 1.4. Historical perspective of the assessment
2. Domains of educational assessment
 - 2.1. Learning assessment
 - 2.1.1. Learning, teaching and assessment, which relations?
 - 2.1.2. Learning assessment instruments.
 - 2.2. Assessment and professional development
 - 2.2.1. Presuppositions and dimensions of The Teacher's Acting Assessment
 - 2.3. Institutional assessment (Schools)
 - 2.3.1. Internal and external assessment
 - 2.4. Programs and educational projects assessment
 - 2.4.1. Theories and models of Education Assessment
3. The Investigation in Educational Assessment

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Adult Education (PED02500L)

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Introduction to Law (ECN12645L)

I. CONCEPT OF LAW

1. The Law as a normative framework and a social reality;
2. Law and Morality; other rules of social conduct;
3. Positive Law and natural Law; other meanings of the word Law;
4. The Law and the State. Law, coercion and legal punishment;
5. Law, Justice and Security;
6. The legal relationship: concept and detailed analysis of its elements.

II. SCIENCE OF LAW

7. The sources:
 - a) concept, enumeration and explanation;
 - b) functioning and importance;
8. The legal rule: notion, structure, characteristics and species;
9. The legal system:
 - a) Public Law and Private Law: distinction (virtues and defects);
 - b) The main branches of the Law;
10. The interpretation of the law:
 - a) General Theory;
 - b) The elements of the interpretation;
 - c) The species of the interpretation: by source and value, by purpose and result;
 - d) Article 9 of the Civil Code.
11. Overcome of legal gaps:
 - a) General notions;
 - b) Understanding of the meaning and scope of articles 8, 10 and 11 of the Civil Code.



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Theories and Models of Professional Formation (PED12538L)

1. Theories and models in Vocational Training
2. The network of institutions working in training
3. The national and international transfer of knowledge and skill
4. Professional training and personal development, institutional and labor market
5. Vocational training and lifelong learning

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Research in Education (PED02488L)

1. Fundaments of educational research.
2. Strategies for research in education.
3. Methods, techniques and tools for data collection in education: qualitative and quantitative approaches.
4. Data analysis in education: qualitative approach - content analysis; quantitative approach ? from descriptive statistics to inferential statistics, parametric and non-parametric ways.
5. The research project: characterization and structural elements.

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Theory and Practice of Mediation (PED02489L)

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Communitarian Education (PED02490L)

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Seminar in Project Development (PED02491L)

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Intervention Projects in Education (PED02494L)

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Education and heritage (PED12539L)

- The study and research in Cultural Heritage: basic concepts, trends, balances and perspectives.
- The protection of patrimonial assets: the inventory and the classification of the singular objects and the built groups; the national and international legislation and the patrimonial protection.
- Cultural heritage in Portugal: origin, evolution and affirmation of the concept and its multidisciplinary potentialities.
- Educational action and heritage.
- The project methodology in education and heritage.
- Design of educational projects of heritage nature.



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Production of digital educational resources (PED02501L)

1. Digital educational resources: concepts, theories and models. The "lifecycle" of digital educational resources: to create, organize, distribute, use and evaluate.
2. Types of digital educational resources and trends in production and use: digital manuals, open educational resources, MOOCS, e-books, serious digital games, digital repositories and other content and resource platforms.
3. Levels of sophistication in resource creation and production models of digital educational resources. The ADDIE model. Classifications of digital educational resources.
5. Principles of multimedia learning and video-based learning (hypervideo)
6. Legal and ethical issues in the production, distribution and use of RED. Licenses and terms of use (eg Creative Commons licenses)
7. Production: tools of creation, edition and process of image, audio and video. Elaboration of storyboards.
8. Projects for the creation of digital educational resources.

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Sociology of the Family (SOC02410L)

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Philosophy of Education (FIL02492L)

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Contemporary Educational Thought (PED02493L)

1. Traditional Education versus Modern Education.
2. Rousseau, Pestalozzi and Froebel, at the origins of modern pedagogy.
3. The "École Nouvelle" and the New Education Movement.
4. The pedagogy of Celestin Freinet and the Modern School.
5. The libertarian pedagogy: from Iasnai Pollyanna to Summerhill.
6. American pedagogy, from Dewey to Rogers.
7. The des-schooling society: Goodman, Illich and Reimer.
8. The Marxist pedagogy.
9. Paulo Freire and the Pedagogy of the Oppressed.
10. Techno-pedagogy: Skinner, the "pedagogy by objectives," Theory of the Curriculum.
11. Education and Pedagogy in Portugal (XVIII-XXI century).

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Entrepreneurship and Innovation (GES02310L)

Module 1 – Introduction to Entrepreneurship and Innovation

- a. Definitions and concepts of Entrepreneurship
- b. Profile and characteristics of entrepreneurs
- c. Social entrepreneurship and intrapreneurship
- d. What is innovation? Types of innovation
- d. Dynamics of innovation

Module 2 – Conception and Structuring business ideas

- a. Process and techniques of generating ideas
- b. Design Thinking tool
- c. Evaluation of business ideas
- d. The process of creating a business idea and firm
- e. Simulation games- from ideas to business formation