



Study Plan

School: School of Social Sciences
Degree: Bachelor
Course: Basic Education (cód. 529)

1st Year - 1st Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MAT01645L	Numbers and Operations	Mathematics	5	Semester	130
LLT01638L	Portuguese Language I	Linguistics	5	Semester	130
FIS01635L	Introduction to Physics	Physics	5	Semester	130
BIO01600L	Introduction to Biology	Biological Sciences	5	Semester	130
PED01620L	Education, Expression and Drama Games	Artistic Education	5	Semester	130
PED01603L	Elementary Education and its Contexts	Education Sciences	2.5	Trimester	65
SOC01654L	Elements of Sociology of Education	Sociology	2.5	Trimester	65

1st Year - 2nd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MAT01646L	Arithmetic and Algebra	Mathematics	5	Semester	130
LLT01639L	Portuguese Language II	Linguistics	5	Semester	130
QUI01653L	Topics of Chemistry	Chemistry	5	Semester	130
PAO01601L	Fundamentals of Environmental Sciences	Environment and Ecology Sciences	5	Semester	130
PED01621L	Education and Visual and Artistic Expression	Artistic Education	5	Semester	130
PSI01651L	Child Development Psychology	Psychology	5	Semester	130

2nd Year - 3rd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MAT01647L	Elements of Statistics and Probability I	Mathematics	5	Semester	130
LLT01640L	Analysis and Text Production	Linguistics	5	Semester	130
GEO01636L	Elements of Portuguese Geography	Geography	5	Semester	130
PED01630L	Education and Physical/Motor Expression	Physical Education	5	Semester	130
PED01622L	Education, Expression and Music Culture	Artistic Education	5	Semester	130
FIL01633L	Introduction to Ethics and Education Deontology	Philosophy	2.5	Trimester	65
PED01606L	School Organization and Administration	Education Sciences	2.5	Trimester	65



2nd Year - 4th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MAT01648L	Elementary Geometry	Mathematics	5	Semester	130
LLT01641L	Acquisition of Portuguese as a Native Language	Linguistics	5	Semester	130
HIS01637L	History of Portugal	History	5	Semester	130
PED01604L	Intervention Projects in Non Formal Educational Contexts	Education Sciences	5	Semester	130
PED02693L	Introduction into Education Investigation	Education Sciences	5	Semester	130

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED01627L	Advanced Topics in Education and Dramatic Expression	Artistic Education	2.5	Trimester	65
PED01628L	Advanced Topics in Education and Plastic Expression	Artistic Education	2.5	Trimester	65
PED01629L	Advanced Topics in Education and Musical Expression	Artistic Education	2.5	Trimester	65
PED01632L	Advanced Topics in Education and Physical and Motor Expression	Physical Education	2.5	Trimester	65

3rd Year - 5th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MAT01649L	Elements of Statistics and Probability II	Mathematics	5	Semester	130
PED01608L	Teaching of Mathematics	Education Sciences	5	Semester	130
PED01609L	Mother Tongue Teaching	Education Sciences	5	Semester	130
LLT11419L	Literature and Culture	Literature	5	Semester	130

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
LLT01643L	Children's Literature	Literature	5	Semester	130
LLT01644L	Reading and Book Promotion	Literature	5	Semester	130

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED01616L	Pedagogical Practise at Nursery School	Education Sciences	5	Semester	130
PED01617L	Pedagogical Practise at Kindergarten	Education Sciences	5	Semester	130
PED01618L	Pedagogical Practise at Key Stage 1 of Primary School	Education Sciences	5	Semester	130
PED01619L	Pedagogical Practise at Key Stage 2 of Primary School	Education Sciences	5	Semester	130
PED02694L	*** TRANSLATE ME: Práticas Educativas em Contextos Não Formais ***	Education Sciences	5	Semester	130



3rd Year - 6th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
MAT01650L	Geometry and Applications	Mathematics	5	Semester	130
LLT01642L	Portuguese Culture	Linguistics	5	Semester	130
PED01623L	Workshop on Integration of Expressions	Artistic Education	5	Semester	130
PED01610L	Teaching of Physical and Social Environment	Education Sciences	5	Semester	130
PED11420L	Education and Technology	Education Sciences	2.5	Semester	65

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED01611L	Education for Sustainability	Education Sciences	2.5	Trimester	65
PED01602L	History of Educational Ideas	Education Sciences	2.5	Trimester	65
FIL01634L	Philosophy for Children	Philosophy	2.5	Trimester	65
PED01612L	Education, Culture and Citizenship	Education Sciences	2.5	Trimester	65
PED01613L	Community Education Principles	Education Sciences	2.5	Trimester	65
PED01614L	Education for Literacy	Education Sciences	2.5	Trimester	65
PED01615L	Promotion and Health Education	Education Sciences	2.5	Trimester	65
PSI01652L	Special Needs of Education	Psychology	2.5	Trimester	65

Group of Options

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
PED01616L	Pedagogical Practise at Nursery School	Education Sciences	5	Semester	130
PED01617L	Pedagogical Practise at Kindergarten	Education Sciences	5	Semester	130
PED01618L	Pedagogical Practise at Key Stage 1 of Primary School	Education Sciences	5	Semester	130
PED01619L	Pedagogical Practise at Key Stage 2 of Primary School	Education Sciences	5	Semester	130
PED02694L	*** TRANSLATE ME: Práticas Educativas em Contextos Não Formais ***	Education Sciences	5	Semester	130



Conditions for obtaining the Degree:

*** TRANSLATE ME: Para obtenção do grau de licenciado em Educação Básica é necessário obter aprovação a 157,5 ECTS em unidades curriculares obrigatórias e 22,5 ECTS em unidades curriculares optativas

(através de avaliação ou creditação) distribuídas da seguinte forma:

1º Ano

1º Semestre:

7 UC obrigatórias num total de 30 ECTS

2º Semestre:

6 UC obrigatórias num Total de 30 ECTS

2º Ano

3º Semestre

7 UC obrigatórias num total de 30 ECTS

4º Semestre

5 UC obrigatórias num total de 25 ECTS

2 UC optativa num total de 5 ECTS

3º Ano

5º Semestre

5 UC obrigatórias num total de 20 ECTS

1 UC optativa num total de 10 ECTS

6º Semestre

5 UC Obrigatórias num total de 22.5 ECTS

UC optativas num total de 7.5 ECTS ***

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Numbers and Operations (MAT01645L)

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Portuguese Language I (LLT01638L)

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Introduction to Physics (FIS01635L)

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Introduction to Biology (BIO01600L)

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Education, Expression and Drama Games (PED01620L)



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Elementary Education and its Contexts (PED01603L)

1. Basic Education for the XXI century{\}\newline
 - Childhood, education and the main challenges of today's world{\}\newline
 - The role of BE in the world today{\}\newline
2. Learning and its contexts:{\}\newline
 - Bronfenbrenner's ecological theory of development;{\}\newline
 - Learning in a socio-cultural perspective{\}\newline
3. The educational systems in Portugal and Europe{\}\newline
 - Educational Policies for children aged 0 to 12 years{\}\newline
 - Organization of BE: state / private , education and care, (dis) continuity between cycles{\}\newline
 - Educational System Act: principles and learning objectives{\}\newline
4. The participants involved in BE (children, families and professionals){\}\newline
 - Roles, functions and participation{\}\newline
 - The Teachers (Pre-school and Primary) professional profile{\}\newline
5. Types of services (0-12) and its organization{\}\newline
 - The Schools Educational Project and the organization of institutional contexts{\}\newline
 - Curricular management and organization: space, time, culture and activities{\}\newline
 - The institutional ethos

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Elements of Sociology of Education (SOC01654L)

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Arithmetic and Algebra (MAT01646L)

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Portuguese Language II (LLT01639L)

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Topics of Chemistry (QUI01653L)

- The World in Action:
 - Structure and properties of substances.
 - Substances and mixtures. Solutions. Measures of concentration.
 - Chemical elements and Periodic Table.
 - States of aggregation of matter, changes of state.
 - Unit operations in chemistry.
- The World in transformation:
 - Precipitation reactions. Solubility of salts.
 - Chemical reactions
 - Acid-base reactions.
 - Redox reactions. Electrochemistry. Corrosion.
 - Energy, heat and thermochemistry.
 - Rate of chemical reactions.



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Fundamentals of Environmental Sciences (PAO01601L)

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Education and Visual and Artistic Expression (PED01621L)

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Child Development Psychology (PSI01651L)

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Elements of Statistics and Probability I (MAT01647L)

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Analysis and Text Production (LLT01640L)

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Elements of Portuguese Geography (GEO01636L)

Geographic space: spaces and scales.

The importance of cartography in Geography{\}

Time and space.{\}

Man and the transformations of the space

The portuguese territory and its position

Physical characteristics of the territory.

Physical conditionings and historical evolution of the supports of economic activities.

The population

The settlement.

The cities.

Portuguese geographic regions.

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Education and Physical/Motor Expression (PED01630L)

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Education, Expression and Music Culture (PED01622L)



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Introduction to Ethics and Education Deontology (FIL01633L)
ETHICS AS PHILOSOPHICAL DISCIPLINE

- The subject matter and methodology of investigation in Ethics

II. ETHICAL VALUES AND PRINCIPLES OF CONDUCT

- From the relevance of fundamental ethical values recognition to the experience of acting by duty

III. PROFESSIONAL ETHICS AS PART OF ETHICS

- Questioning the importance of a theory of duties, in general, and responsibilities of educators, in particular

IV. THE PROBLEMS OF FREEDOM AND RESPONSIBILITY

- Its formulation and its presence in the processes of the human person education

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School Organization and Administration (PED01606L)

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Elementary Geometry (MAT01648L)

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Acquisition of Portuguese as a Native Language (LLT01641L)

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Intervention Projects in Non Formal Educational Contexts (PED01604L)

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Mother Tongue Teaching (PED01609L)

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Literature and Culture (LLT11419L)

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Children's Literature (LLT01643L)

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Reading and Book Promotion (LLT01644L)

The promotion of literary reading: proposals for activities around authors and works of children's literature and juvenile (in libraries, in family, in society). Working together with several institutions: school libraries, public libraries, bookstores, parents' associations, socio-cultural associations.

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Pedagogical Practise at Nursery School (PED01616L)

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Pedagogical Practise at Kindergarten (PED01617L)



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Pedagogical Practise at Key Stage 1 of Primary School (PED01618L)

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Pedagogical Practise at Key Stage 2 of Primary School (PED01619L)

- 1.The 2nd cycle of Basic Education
 - 1.1.Functions and objectives of basic education. Profile of Performance of the 2nd cycle teacher
 - 1.2.Organization of the educational context:
 - 1.2.1.A single teacher education and the various stakeholders
 - 1.2.2.Spaces and materials, time and group
 - 1.3. The official documents
 - 1.2.1.The content areas
 - 1.2.2.Coordination and transversality of contents
- 2.The relationship with the families and the community: determinants; communication strategies.
- 3.Educational intention: observe, plan, act, evaluate, communicate and learn.

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Geometry and Applications (MAT01650L)

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Portuguese Culture (LLT01642L)

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Workshop on Integration of Expressions (PED01623L)

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Teaching of Physical and Social Environment (PED01610L)

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Education and Technology (PED11420L)

- 1.Society, Education and Technology
 - 1.1. The School and the Individual in the Information and Knowledge Society: Opportunities, challenges and problems.
 - 1.2. Smart Computers, internet, mobile devices, robotics and assistive technologies
 - 1.3. The interest of the child: the digital versus paper.
2. Children, Learning and Technologies
 - 2.1. Curricular transversality and pedagogical strategies using technologies in elementary education.
 - 2.2 Design and plan teaching and learning activities using technologies.
 - 2.3. Principles of multimedia learning
 - 2.4. Technology appropriate to the development of children and young people
3. Learning and Computing
 - 3.1. Theoretical and practical reference for Basic Education: Computing and Computers, Robotics (from blocks to robots), data representation, Initiation to programming and information and communication technologies.
 - 3.2. Programming languages ​​for children: Scratch and other visual programming environments.



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Education for Sustainability (PED01611L)

Sustainable development as a global and a local environmental strategy. The genesis of the concept, its evolution and its current importance.

Education for sustainability, as a global perspective in the environmental education domain.

Education for the reduction of production and consumption, reuse and recycling.

Development of projects, within the education for sustainability domain, in the school context.

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History of Educational Ideas (PED01602L)

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Philosophy for Children (FIL01634L)

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Education, Culture and Citizenship (PED01612L)

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Community Education Principles (PED01613L)

The field of formal education;

The field of non formal education;

The field of informal education;

The models of learning in the context of Community;

The learning models of institutional framework;

The learning models of the family;

The models of individual learning;

The intergenerational community learning projects;

The skills management by community learning, social purpose transverse.

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Education for Literacy (PED01614L)

Literacy as a transversal and integrating concept across the curriculum.

Delimitation of the concept of critical literacy from the point of view of different theoretical viewpoints.

The approach of 'critical literacy'.

The school community as a collective possibility of building readers beyond schooled literacy - problems and challenges.

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Promotion and Health Education (PED01615L)

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Special Needs of Education (PSI01652L)