

## COURSE LIST Faculty of Education

Please note that Erasmus students are allowed to take courses from lists of all faculties/schools according to their needs or interests.

Courses offered in Turkish are listed at the website of the faculty <http://egitim.comu.edu.tr/> or you can contact Departmental Coordinator to get the necessary information

Courses Offered in German

[German Language Teaching Department Courses please click here](#)

Courses Offered in English

[English Language Teaching Dept Courses please click here](#)

Other courses offered in English stated below :

Course Title	Code	ECTS Credit	COMU Credit	Lecturer
Special Topics in Chemistry	ULP-01-027	6	3	Assoc. Prof. Dr. Ajda Kahveci
Special Teaching Methods in Chemistry	ULP-01-028	6	3	Assoc. Prof. Dr. Ajda Kahveci
Classroom Management	ULP-01-029	5	2	Assoc. Prof. Dr. Çiğdem ŞAHİN TAŞKIN
Principles and Methods of Teaching	ULP-01-031	4	3	Assoc. Prof. Dr. Mustafa Yunus ERYAMAN
Teaching Practice	ULP-01-032	10	5	Assoc. Prof. Dr. Çiğdem ŞAHİN TAŞKIN
Multicultural Education	ULP-01-033	4	3	Assoc. Prof. Dr. Hasan ARSLAN
Educational Leadership	ULP-01-034	4	3	Assoc. Prof. Dr. Hasan ARSLAN
Basic statistics for educational research	ULP- 01-35	10	5	Assist. Prof. Dr. Sibel TELLİ

Attitude, attitude change and behaviour	ULP-01-36	6	3	Assist. Prof. Dr. Sibel TELLI
Web-Based Tools in Education	ULP-01-37	6	3	Assist. Prof. Dr. Serkan İZMİRLİ
Graphics and Animation in Education	ULP-01-38	6	3	Assist. Prof. Dr. Muzaffer ÖZDEMİR
Database Management Systems	ULP-01-39	6	3	Assoc. Prof. Dr. Mehmet Ali SALAHLI

Course Code	ULP – 01 – 027
Name of the Course in English	Special Topics in Chemistry
Name of the Course in Turkish	Kimyada Özel Konular
Language of the Course	English
Level of the Course	Bachelor
Lecturer	Assoc. Prof. Dr. Ajda Kahveci
ECTS Credit	6
COMU Credit	3
Description	This course focuses on the relationship between chemistry, everyday phenomena and environmental problems. Topics include: Air pollution (acid rain, photochemical/industrial smog and its prevention). Health issues and food from chemical perspective. Earth's enthalpy sources. Greenhouse gases and their importance. Water treatment. Glass and ceramics. Visual arts and their relation to chemistry. Chemistry of photography. Corrosion chemistry and its importance. Biological processes and equilibrium. Drug chemistry (chemistry of blood). Chemical cleaning agents and their appropriate use. Carbon based

	materials. Chemistry in life processes. Nuclear energy. Chemical pollution.
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Course Code	ULP – 01 – 028
Name of the Course in English	Special Teaching Methods in Chemistry
Name of the Course in Turkish	Kimyada Özel Öğretim Yöntemleri
Language of the Course	English
Level of the Course	Bachelor
Lecturer	Assoc. Prof. Dr. Ajda Kahveci
ECTS Credit	6
COMU Credit	3
Description	This course is designed to include an analysis, implementation and evaluation of various learning theories and models related with constructivist approach. The course will also include an analysis of common chemistry misconceptions as well as ways of diagnosing and overcoming the associated learning difficulties. The goal of the course is to assist prospective chemistry teachers in effective chemistry teaching by bridging theory and practice.

Course Code	ULP – 01 – 029
Name of Course in Turkish	Sınıf Yönetimi
Name of Course in English	Classroom Management
Language of Course	İngilizce

Level of Course	Bachelor's / Undergraduate
Lecturer	Assoc. Prof. Dr. Çiğdem ŞAHİN TAŞKIN
ECTS Credit	5
Comu Credit	2
Description	This course aims to explore the terms and concepts of Classroom management, classroom communication and interaction. It helps to understand the factors influence classroom atmosphere, models of classroom management, organising classroom, behaviour management.

Course Code	ULP – 01 - 031
Name of Course in Turkish	Principles and Methods of Teaching
Name of Course in English	Öğretim İlke ve Yöntemleri
Language of Course	İngilizce
Level of Course	Bachelor's / Undergraduate
Lecturer	Assoc. Prof. Dr. Mustafa Yunus ERYAMAN
ECTS Credit	4
Comu Credit	3
Description	This course aims to explore the terms and concepts of education and instruction. It helps to understand the importance of planning, teaching and learning strategies. Through this course students will also have information about how to plan their lessons and use these strategies effectively. The course also aims to explore quality of teaching and the use of teaching materials.

Course Code	ULP – 01 - 032
Name of Course in Turkish	Öğretmenlik Uygulaması
Name of Course in English	Teaching Practice
Language of Course	İngilizce
Level of Course	Bachelor's / Undergraduate
Lecturer	Assoc. Prof. Dr. Çiğdem ŞAHİN TAŞKIN
ECTS Credit	10
Comu Credit	5
Description	Through this course, students will attend a primary school and they will practice teaching. They will plan a lesson and will also have a chance to prepare portfolios for students.

Course Code	ULP - 01 - 033
Name of the course in English	Multicultural Education
Name of the course in Turkish	Çok Kültürlü Eğitim
Language of the course	English
Level of Course	(X) Bachelor's / Undergraduate ( ) Master ( ) Doctorate
Lecturer	Assoc. Prof.Dr. Hasan ARSLAN
ECTS Credits	4
COMU Credits	3

Description	<p>The purpose of this course is to change teaching and learning approaches so that students of both genders and from diverse cultural, ethnic, and language groups will have equal opportunities to learning educational institutions. This goal suggests that major changes ought to be made in the ways that educational programs are conceptualized, organized, and taught. Educational approaches need to be transformed.</p> <p>The course will focuses on the below dimensions:</p> <p>(1) content integration,</p> <p>(2) the knowledge construction process,</p> <p>(3) prejudice reduction,</p> <p>(4) an equity pedagogy, and</p> <p>(5) an empowering school culture and social culture.</p>
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Course Code	ULP - 01 - 034
Name of the course in English	Educational Leadership
Name of the course in Turkish	Eğitimsel Liderlik
Language of the course	English
Level of Course	<input checked="" type="checkbox"/> Bachelor's / Undergraduate <input type="checkbox"/> Master <input type="checkbox"/> Doctorate
Lecturer	Assoc. Prof.Dr. Hasan ARSLAN
ECTS Credits	4
COMU Credits	3
Description	<p>Educational leadership course provides a curriculum that includes all of the skills and knowledge needed to perform successful in an educational leadership role.The comprehensive coursework will equip you to identify and develop your natural leadership abilities, and will show</p>

	<p>you how to utilize these abilities to create a learning environment that is conducive to the well-being of both the students and staff under your care. You will also learn about the importance of an optimal learning environment for the development of your students. Through your coursework, you will better understand the perceptual values of those under your leadership, and what motivational theories will help you encourage the growth of your students.</p>
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Course Code	ULP - 01 - 035
Name of the course in English	Basic statistics for educational research
Name of the course in Turkish	Eğitim Araştırmaları için temel istatistik
Language of the course	English
Level of Course	<input checked="" type="checkbox"/> Bachelor's / Undergraduate <input type="checkbox"/> Master <input type="checkbox"/> Doctorate
Lecturer	Assist. Prof. Dr. Sibel TELLI
ECTS Credits	10
COMU Credits	5
Description	<p>This course will give the students a firm grasp on statistical concepts that would be crucial to their major and career. It will introduce the elementary statistical procedures for bachelor science students who have non – mathematical background. In this course, students will learn how to use graphing calculators and read computer output in an effort to enhance the development of statistical understanding. Additionally, using the vocabulary of statistics this course will provide a basis for the students to communicate with statistical methods, results and interpretations. Also this course will help the students to understand the connections in between the aspects of the statistical process, design, analysis and</p>

	conclusions.
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Course Code	ULP - 01 - 036
Name of the course in English	Attitude, attitude change and behaviour
Name of the course in Turkish	Tutum, Tutum Degisikligi ve Davranis
Language of the course	English
Level of Course	(X) Bachelor's / Undergraduate ( ) Master ( ) Doctorate
Lecturer	Assist. Prof. Dr. Sibel TELLI
ECTS Credits	6
COMU Credits	3
Description	The study of attitudes has been one of the most central areas in educational studies although it has many difficult issues. That's why, it is important to have a clear understanding of attitudes for educators and educational scientists. This course will provide to the students a comprehensive and accessible overview of attitudes. First, the basic issues in attitude research will be discussed by dealing with definitions and functions, measurement and structure. Second, the source of attitudes, cognitive constructions and persuasion process and behavioural influences will be examined. Last, consequences of attitudes focusing on information processing and behaviour will be dealt. Some examples in the area of attitude and attitude change (i.e .persuasion) will be shared in the class discussion. .

Course Code	ULP - 01 - 037
Name of the course in English	Web-Based Tools in Education



Name of the course in Turkish	Egitimde Web Tabanlı Araçlar
Language of the course	English
Level of Course	(X) Bachelor's / Undergraduate ( ) Master ( ) Doctorate
Lecturer	Assist. Prof. Dr. Serkan İZMİRLİ
ECTS Credits	6
COMU Credits	3
Description	This course focuses on how to use Web-Based tools in education. New Generation web-based tools which are called web 2.0 tools will be focused. Web 2.0 categories like blogging (e.g. blogger) , online storage and sharing (e.g. dropbox, google docs) , presentation tools (e.g. prezi) and social networking (e.g. edmodo, facebook) will be the topics of the course. Their pedagogical potential will be discussed. Students will practice these tools. They will design and integrate these tools in education.

Course Code	ULP - 01 - 038
Name of the course in English	Graphics and Animation in Education
Name of the course in Turkish	Eğitimde Grafik ve Canlandırma
Language of the course	English
Level of Course	(X) Bachelor's / Undergraduate ( ) Master ( ) Doctorate
Lecturer	Assist. Prof. Dr. Muzaffer ÖZDEMİR
ECTS Credits	6
COMU Credits	3

Description	This course focuses on to learn using the principles of animation in education and developing the educational software by using graphics and animation programs. In this course, students will learn the communication through graphics, graphic design processes and basic graphic terminology (pixel depth, compression, picture layout, resolution etc. ) They are going to discover the most efficient way to use the program of Photoshop to manage images, enhance graphics and composite multiple elements together. They will also learn the use of a program called Flash to perform their animation in educational applications.
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Course Code	ULP - 01 - 039
Name of the course in English	Database Management Systems
Name of the course in Turkish	Veri Tabani Yonetim Sistemleri
Language of the course	English
Level of Course	(X) Bachelor's / Undergraduate ( ) Master ( ) Doctorate
Lecturer	Assoc. Prof. Dr. Mehmet Ali SALAHLI
ECTS Credits	6
COMU Credits	3
Description	This course introduces the basics of database systems, as well as the modeling, design and manipulation of relational databases. The students will gain the required knowledge to describe and create databases. The course will enable to the students to develop of database applications. At the end of the course;  1) students can develop the conceptual database model by using the Entity Relationship Diagram 2) can develop a logical database model by using of

functional dependencies and normalization concepts.

3) students can use the structure query language for database operations.

4) students can develop and evaluate real database applications by using a database management systems.

5) the students will have acquired projects development skills

6) students can design data models and database schemas.