



BILBAO
SCHOOL
OF ENGINEERING
UNIVERSITY
OF THE BASQUE
COUNTRY

ACADEMIC YEAR 2026/2027

List of courses offered in English

(18/03/2026)

Courses of Engineering:

Bachelor Courses

Master Courses

USAC courses

Courses of Business and Management



BACHELOR COURSES

Industrial Technology Engineering	Year	ECTS	Semester	Code
Calculus	1	12	Full academic year	25971
Calculus	1	6	Fall	25971
Linear Algebra	1	9	Full academic year	27303
Linear Algebra I	1	4,5	Fall	27303
Physics	1	9	Full academic year	27414
Chemistry	1	6	Fall	26571
Graphics in Engineering	1	6	Fall	27306
Computer Science	1	6	Spring	26570
Extended Physics	1	6	Spring	27304
Extended Engineering Graphics	1	6	Spring	27307
Statistics	2	6	Fall	25110
Fundamentals of Materials Science	2	6	Fall	27308
Extended Mathematics	2	6	Fall	27309
Fluid Mechanics	2	6	Fall	27311
Electrical Technology	2	6	Spring	27310
Thermodynamics	2	6	Spring	27312
Extension of Differential Equations	2	6	Spring	27313
Analysis & Operation of Electrical Machinery	3	9	Full academic year	27316



Analysis & Operation of Electrical Machinery I	3	4,5	Fall	27316
Analysis & Operation of Electrical Machinery II	3	4,5	Spring	27316
Thermotechnics	3	6	Fall	27319
General Electronics	3	6	Fall	27320
Advanced Numerical Methods	3	6	Spring	26677
Chemical Technology	3	6	Spring	27321
Environmental Science & Technology	4	6	Spring	27324
Electrical Engineering	Year	ECTS	Semester	Code
Fundamentals of Physics in Engineering	1	12	Full academic year	27673
Chemical Fundamentals of Engineering	1	9	Full academic year	27675
Graphic Expression	1	9	Full academic year	27677
Thermal Engineering	2	6	Fall	26609
Industrial Electronics	2	6	Fall	27678
Materials Science	2	6	Fall	27681
Fluid Mechanics	2	6	Spring	27674
Environmental Technologies	4	6	Fall	26611
English for Industrial Engineering	4	6	Spring	26518
Industrial Electronics and Automatics Engineering	Year	ECTS	Semester	Code
Fundamentals of Physics in Engineering	1	12	Full academic year	27673
Chemical Fundamentals of Engineering	1	9	Full academic year	27675



Graphic Expression	1	9	Full academic year	27677
Thermal Engineering	2	6	Fall	26609
Industrial Electronics	2	6	Fall	27678
Materials Science	2	6	Fall	27681
Fluid Mechanics	2	6	Spring	27674
Automatic Regulation	3	6	Fall	25991
Robotics	3	6	Spring	25998
Environmental Technologies	4	6	Fall	26611
English for Industrial Engineering	4	6	Spring	26518
Mechanical Engineering	Year	ECTS	Semester	Code
Fundamentals of Physics in Engineering	1	12	Full academic year	27673
Chemical Fundamentals of Engineering	1	9	Full academic year	27675
Graphic Expression	1	9	Full academic year	27677
Thermal Engineering	2	6	Fall	26609
Industrial Electronics	2	6	Fall	27678
Materials Science	2	6	Fall	27681
Fluid Mechanics	2	6	Spring	27674
Hydraulic Facilities and Machinery	3	6	Spring	27725
Environmental Technologies	4	6	Fall	26611
English for Industrial Engineering	4	6	Spring	26518



Computer Engineering in Management and Informations Systems	Year	ECTS	Semester	Code
English for Information Technology	4	6	Spring	27718
Marine Studies	Year	ECTS	Semester	Code
English I (only Marine and Nautical topics)	1	6	Fall	27448
English II (Marine and Nautical topics)	1	6	Spring	27452
Nautical Studies and Maritime Transport	Year	ECTS	Semester	Code
English I (only Marine and Nautical topics)	1	6	Fall	27448
English II (Marine and Nautical topics)	1	6	Spring	27452



MASTER COURSES

Industrial Technology Engineering	Year	ECTS	Semester	Code
Chemical Process Design	1	3	Fall	503907
Fluid Machinery and Installations	1	3	Spring	503910
Nautical Studies and Maritime Transport	Year	ECTS	Semester	Code
English for the Maritime Business	1	6	Fall	504119
Project Management	Year	ECTS	Semester	Code
Intercultural Communication	1	3	Full academic year	500167
Project Organization	1	3	Full academic year	504890
Social Competences	1	3	Full academic year	504893
Communication, Negotiation and Conflict Management	1	3	Full academic year	504901
Project Context	1	3	Fall	504888
Standards and trends	1	3	Fall	504889
Project Phases and Life Cycle	1	3	Fall	504892
Project Planning	1	3	Fall	504900
Project Monitoring and Control	1	3	Fall	504904
Program and portfolio management	1	3	Spring	504896
Risk management	1	3	Spring	504903
Information and Knowledge Management	1	3	Spring	504907



Sustainability	2	3	Fall	504899
Research in Project Management	2	3	Fall	504908
EFQM Excellence Model	2	3	Fall	504910
Ecodesign and Circular Economy	2	3	Fall	504911
Product Life Cycle Management	2	3	Fall	504912
Tools for problem solving in research projects	2	3	Fall	504913
Technologies for Project Management	2	3	Fall	504914
Advanced Materials Engineering	Year	ECTS	Semester	Code
Scientific Writing and Presentation	1	4,5	Spring	503333
Mechanical Engineering	Year	ECTS	Semester	Code
Green Design and Manufacture	2	6	Fall	504247
Integration of Renewable Energies in the Electric System	Year	ECTS	Semester	Code
Modelling of Wind/Marine Current Turbine-Driven Electric Generators (Electric Energy Converters Applied to Distributed Generation)	1	3	Spring	502149
Impact of Distributed Generation on the Electric Power System	1	3	Spring	502150
Electrical Grid Operation. Transportation and Distribution	1	3	Spring	502153



USAC (Universities Studies Abroad Consortium) Courses

Incoming students can also take USAC courses that have the restriction of two or three courses per Semester. The courses are held in the Faculty of Economics and Business, Elcano section. **Groups are small, so there are very few places. In addition, if number of students interested in a course is not enough as to full the corresponding group, that course will not be offered finally.**

USAC has very strict rules regarding these courses. To apply for them, students have to ask for the Registration Form to incoming.eib@ehu.eus . Afterwards, USAC will send a message with the courses they can attend to. **Late applications will not be considered.**

Students are not allowed to start attending the classes later than the starting date. Attendance is compulsory in every session.

On the other hand, USAC teachers want their students to have the compulsory textbook in the starting date. So that, students need to get the exact textbook on the correct edition when they start following the lectures. If not, they will not be allowed to attend the courses.

USAC Courses – 2026 Spring semester

Subject	ECTS
Consumer Behavior	6
Corporate Finance	6
Economic & Political Institutions of the EU	6
International Marketing	6
Management & Leadership	6
Operations Management	6



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COURSES OF BUSINESS AND MANAGEMENT

Exchange students are allowed to attend courses at the [Faculty of Economics and Business Studies, Elcano section](#). There are also some courses offered in English, corresponding to the BSc in Business Management.