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General information for incoming students. Detailed schedules 2023-2024 School of Engineering-EEI

Contents

1 General information and remarks

This document intends provide some general information to incoming students to the School of Engineering-EEI and help them to identify the courses in the timetables.

The timetables and other relevant information is published in the School's webpage for incoming students https://eei.uvigo.es/en/international/incoming-students/

1.1 Coordinators at the UVigo

- For questions related to nominations, letters of acceptance, extensions of stay, withdrawals, insurance, certificates of arrival and departure and, in general, anything related related to the **administrative aspects** of the mobility, please contact the International Relations Office.
    - By e-mail: incoming.ori@uvigo.es
    - At the Office for incoming students: Edificio Miralles, University Campus, 36310 Vigo (map)
- For questions related to Learning Agreements, subjects, timetables, exam dates and, in general, anything related to **academic matters**, please check the School's webpage for incoming students and/or contact the academic coordinator of the School
    - By e-mail: eei.exteriores@uvigo.es
    - By phone or at the offices in Campus or the City (check here the calendar with office hours)

1.2 Certificate of arrival and departure

This document can only be signed at the International Relations Office.

The academic coordinators/international coordinators of Schools and Faculties CANNOT sign this document.

2 Studying at the School of Engineering-EEI

The School of Engineering-EEI has an academic offer distributed in two facilities, on Campus and in the City centre.

The bachelor's degrees are taught in both facilities with the distribution indicated in Table 1. The Master's degrees are taught entirely on Campus.

It is recommended that incoming exchange students enroll in courses taught in one facility only, either Campus or the City, but they can be combined if the schedules of all the courses are compatible. Please, note that travelling between Campus and the City takes about one hour by bus.

2.1.1 Identifying the subjects

Each course of the University is identified by a code composed of two sets of numbers:

– A three-digit number for the degree (see Table 1).
– A three-digit number for the course (the last three digits of the code).

Example: The code of the course "Materials Engineering", taught in the bachelor's degree in Technologies Engineering, is V12G363V01502, which can be shortened to G363502. The code of the course "Industrial Manufacturing", taught in the Master in Engineering, is V04M141V01109, which you can find shortened to M141109.

Each course comprises lectures (usually twice a week) and laboratories/practical sessions (usually once a week). As a general rule, students should attend both in order to pass the course.

Official registration in a course includes the lectures as well as the practical activities (i.e., it is not necessary to register separately for the lectures and the laboratory sessions).

To register properly in any subject, you should specify the correct code of the course in the Learning Agreement. Please, note that in our School many courses are common to all our bachelor's degrees (for example, "Fluid Mechanics"). These courses have the same name but different codes and usually different professors. A wrong code on your LA might assign your digital UVigo profile to the wrong teacher, thus making it impossible for your actual teacher to grade you. Therefore, please check carefully the code included in your LA.

2.2 Bachelor's degrees. How to read the schedules

The layout of the seven bachelor's degrees taught in the School is available on the website for incoming students.

- In the timetables of the EEI, the subjects are identified by different abbreviations. In section 3 you will find the correspondence between the codes of the subjects of our bachelor's degrees and the abbreviations used to identify them in the timetables.
- Bachelor's degrees taught in Campus: PDF available on the website of the School
  - Lectures: pink background
  - Labs/practical sessions: white background and acronym of the subject preceded by a "p-".
- Bachelor's degrees taught in the City: PDF available on the website of the School
  - Lectures: green background
  - Labs/practical sessions: blue background
- In the timetables, each bachelor's degree is identified by a single letter as shown:

  T: Bachelor in Industrial Technologies Engineering
  Q: Bachelor in Industrial Chemical Engineering
  A: Bachelor in Industrial Electronics and Automation Engineering
  M: Bachelor in Mechanical Engineering
  E: Bachelor in Electrical Engineering
  O: Bachelor in Organization Engineering
  B: Bachelor in Biomedical Engineering

2.3 Master's degree. How to read the schedule

2.3.1 Master's Degree in Industrial Engineering

This Master's Degree in Engineering is taught on Campus. The layout is available on the website of the School for incoming students. The timetables of all the master subjects are available here. The colour code is the following:

- Lectures: blue background
- Labs/practical sessions: white background and acronym of the subject preceded by a "p-"
- The code of the subject is indicated below the name of the subject and its abbreviation

The easiest way to find the teaching hours of a subject is to search the code of the subject in the PDF with Ctrl+F, find the related abbreviation, and then read the teaching hours assigned to that abbreviation in the timetable (see Figure 1 below). See Figure 1 below for an example for the subject V04M141V01113–Integrated Manufacturing Systems (abbreviation SIF –Sistemas Integrados de Fabricación).

Some subjects or laboratories may be taught only in even/odd weeks. This is more likely to happen with master subjects of 3 or 4,5 ECTS credits. Please refer to the "Academic Calendar" published by the School (available on the School's webpage) to find the numbered weeks.

2.3.2 Master's Degree in Biomedical Engineering

This Master's degree is taught on Campus. The timetables of all the master subjects are available here. The colour code is the following:

– Lectures: blue background
– Labs/practical sessions: white background and acronym of the subject preceded by a "p-"

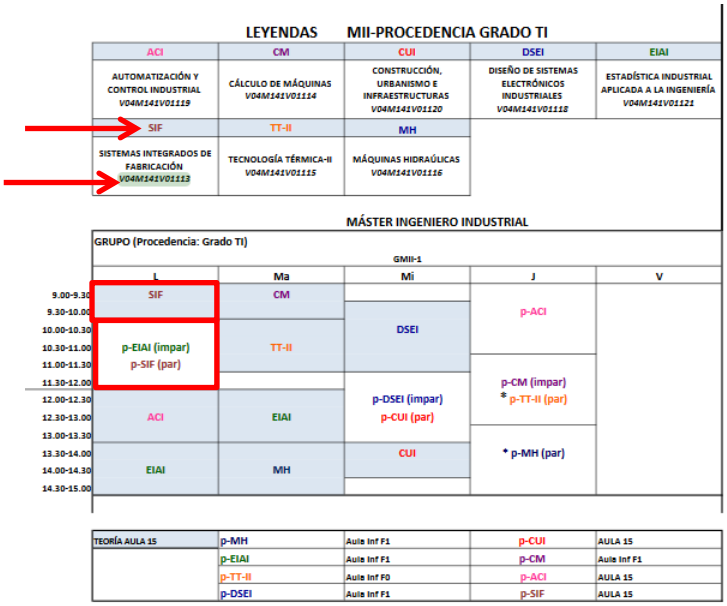
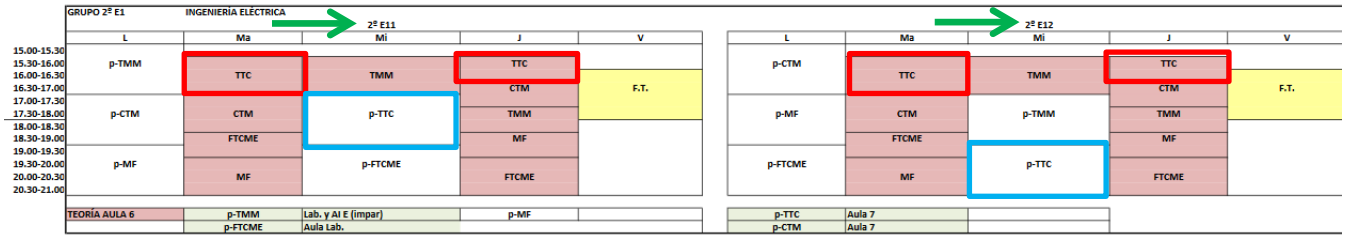


Figure 1: Example of timetable from the Master's in Industrial Engineering.

2.4 Groups

Due to the large number of students, most subjects are taught in two or more groups. Lectures are taught at the same time in both groups and laboratories have different time slots for each group.

For example, students enrolled in 2nd year of the bachelor's degree in Electrical Engineering are assigned to group 2º E11 or 2º E12 (green arrows in the snapshots below). The subject TTC (Termodinámica y transmisión de calor – Thermodynamics and Heat Transfer) has the same time slot for the lectures (red rectangles) and different time slots for the laboratories (blue rectangles).



In principle, incoming exchange students are allowed to choose the group they want to join to facilitate the compatibility of their study plan, but they have to check the actual availability with the lecturer during the first week of the semester. Usually there is no problem, but the number of spots available in the laboratories is limited and some groups might be full. Admission in any group is conditioned to the approval of the lecturer (or the corresponding coordinator of the lab, in case he/she is different from the lecturer).

2.5 Learning Agreement (LA)

Normally, incoming students within the Erasmus-studies programme have their own model of Learning Agreement, either in a separate PDF or embedded in a digital platform (OLA, Online Learning Agreement). Both ways are fine for the validation of the LA, but for your enrollment at UVigo you will have to submit a PDF

copy. Therefore, if your university is using an OLA, please be sure to download a PDF copy of your LA approved online by all parties (the student and the academic coordinators at the sending and receiving institutions).

Exchange students outside the Erasmus-study programme may or may not have a specific Learning Agreement model. Those students are advised to download and complete the following model of Learning Agreement (available in PDF, DOCX and ODT formats). The purpose of this form is solely for enrollment at UVigo. Please list the names and codes of all the subjects you want to take with us, sign it and send it to eei.exteriores@uvigo.es. Once it is signed by the International Coordinator, you will be able to enrol in the listed subjects following the procedure below.

Incoming students of the SICUE national mobility programme shall employ the normalized model provided by their home university signed by all parties.

2.6 Registration in the subjects

2.6.1 Information necessary for enrolment

1. Learning Agreement processed as indicated in section 2.5.
2. Copy of ID card or passport.
3. Copy of the Acceptance Letter issued by UVigo's International Relations Office.
4. Form with your personal data (available in PDF, DOCX and ODT formats).
5. For each subject, indication of the group you will attend (see section 2.4). This information is not necessary for enrollment in subjects at Master's level.

2.6.2 Procedure

- Before enrolling in any subject, please introduce yourself to the lecturer the first day of class in the semester (which starts on September 11th 2023), and check with him/her if you can join your group of choice (since the number of spots available in the laboratories is limited, some groups may be full). Admission in any group is conditioned to the approval of the lecturer (or the corresponding coordinator of the lab, in case he/she is different from the lecturer).

  Please do that during the first week (from September 11th to September 15th 2023) and for every subject you wish to take with us.

- Once you know which group you will attend for every subject, you can register officially with the staff in the academic area or remotely via e-mail. Remember you will have to provide all the information indicated in section 2.6.1

  Please do this during the week from September 18th to September 22th 2023. The University allows you to register later, but I would strongly recommend you to do it during this week.

- If most of your credits are taken on Campus, the e-mail for registrations is eei.xna.campus@uvigo.es

  If most of your credits are taken in the City, the e-mail for registrations is eei.xna.cidade@uvigo.es

  If you are taking master subjects or a combination of bachelor+master subjects, the e-mail for registrations is eei.master@uvigo.es

  If you do not know which e-mail address applies to your case, please contact the International Coordinator (eei.exteriores@uvigo.es)

- When you have been officially registered, the staff of the academic area will email you a proof of enrollment similar to this one. **Please check that all the subjects you need are listed there, with their correct codes and names.** A subject not included in that list **CANNOT be included in an official Transcript of Records even if you have passed the exam**. If you do not receive that document, please contact the International Coordinator (eei.exteriores@uvigo.es)

2.7 Online teaching platform (MooVi)

Many lecturers are likely to use the University's Moodle-based, online platform called MooVi to upload teaching materials, communicate with the students, and even perform intermediate online evaluation tests for their subjects.

When you are officially registered in the subjects you will be given access to MooVi. If necessary, the lecturer of a subject can add you manually anytime to his/her subject.

2.8 Exams

The official registration in a course entitles you to take the exam in the semester (as well as one resit in June/July in case you do not pass the exam in the first attempt). To take an exam, simply go to the exam room on the appointed day and time. The exam calendar of the School is available in the webpage for incoming students.

2.9 Transcript of records

An official Transcript of Records (ToR) will automatically be sent to you and your home institution.

- 1st semester ToRs can be issued and will be sent after February 16th 2024.
- 2nd semester ToRs can be issued and will be sent after June 14th 2024.
- ToRs for June/July resit can be issued and will be sent after July 22th 2024.

Inquiries about ToRs cannot be answered by the academic coordinator; they shall be directed to the International Relations Office (incoming.ori@uvigo.es) or to the e-mail address used in the registration (either eei.xna.campus@uvigo.es, eei.xna.cidade@uvigo.es or eei.master@uvigo.es).

2.10 General elective courses in the 2nd semester

- The general elective courses taught in 4th year, 2nd term of the bachelor's Degrees can only accept a limited number of students. While we do our best to accommodate incoming exchange students in these courses and this has worked well so far, please take into account that the possibility of enrolment for such courses may be subject to availability and confirmation is not possible until the end of December.

  The current list of general elective courses is the following:

  GXXX903: Technical English I
  GXXX904: Technical English II
  GXXX905: Methodology for the Preparation of Technical Projects
  GXXX902: Electric Components in Vehicles
  GXXX907: Safety and Industrial Hygiene
  GXXX908: Laser Technology

  "GXXX" denotes that these courses are common to all our bachelor's degrees. To get the actual code of the subject, replace the "XXX" with the code of the degree as indicated in Table 1.

Bachelor degree code	Remarks
320: Electrical Engineering	Courses of 1st year are taught in the City & Campus. Courses of 2nd, 3rd and 4th years are taught on Campus only.
330: Industrial Electronics & Automation Engineering	Courses of 1st, 2nd and 3rd years are taught in the City & Campus. Courses of 4th year are taught on Campus only.
340: Organization Engineering	Courses of 1st year are taught in the City & Campus. Courses of 2nd, 3rd and 4th years are taught on Campus only.
350: Industrial Chemical Engineering	Courses of 1st year are taught in the City & Campus. Courses of 2nd, 3rd and 4th years are taught in the City only.
363: Industrial Technologies Engineering – English	Courses of 1st year are taught in the City & Campus. Courses of 2nd, 3rd and 4th years are taught in the City only.
360: Industrial Technologies Engineering – Spanish	Courses of 1st year are taught in the City & Campus. Courses of 2nd, 3rd and 4th years are taught in the City only.
380: Mechanical Engineering	Courses of 1st, 2nd and 3rd years are taught in the City & Campus. Track ***Machinery***: 4th year courses are taught on Campus only. Track ***Transports***: 4th year courses are taught on Campus only. Track ***Design & Manufacturing Processes***: 4th year courses are taught in the City. Track ***Constructions & Installations***: 4th year courses are taught in the City only.
420: Biomedical Engineering	Courses of 1st year are taught in the City & Campus. Courses of 2nd, 3rd and 4th years are taught on Campus only.
Master's degree code	Remarks
141: Master in Engineering	Taught on Campus only.
192: Master in Biomedical Eng.	Taught on Campus only.

Table 1. Codes of the Bachelor and Master Degrees taught on the EEI.

3 Detailed schedules - Campus

3.1 Courses available on Campus, 1st year, 1st semester

Link to page in the timetables

The courses are identical for all our Bachelor degrees. Every group hosts students from different degrees.

"GXXX" denotes that a course is common to all our bachelor's degrees. To get the code of such subject, replace the "XXX" with the code of the degree as indicated in Table 1.

Subjects available in English are herein highlighted in red and taught in group A07_I (all the other groups are taught in Spanish).

Subject code	Subject name	Abbreviation in timetables
GXXX101	Fundamentals of Engineering Graphics	Expr_Gráfica
GXXX102	Physics I	Física I
GXXX103	Algebra & Statistics	Álxebra Estatística
GXXX104	Calculus I	Cálculo I

3.2 Courses available on Campus, 2nd year, 1st semester

Link to page in the timetables

Mechanical Engineering (Morning groups: 2º M11, 2º M12. Afternoon groups: 2º M21, 2º M22).

Subject code	Subject name	Abbreviation in timetables
G380302	Thermodynamics and Heat Transfer	TTC (Lecture) + p-TTC (Lab)
G380303	Fundamentals of Electrical Engineering	Fel-nia (Lecture) + p-Fel-nia (Lab)
G380305	Fundamentals of Manufacturing Systems & Technol.	FSTF (Lecture) + FSTF (Lab)
G380306	Mechanism and Machine Theory	TMM (Lecture) + p-TMM (Lab)
G380401	Environmental Technology	Tma (Lecture) + p-Tma (Lab)

Electronics and Automation Engineering (Morning groups: 2º A11, 2º A12, 2º A13)

Subject code	Subject name	Abbreviation in timetables
G330301	Materials Science & Technology	CTM (Lecture) + p-CTM (Lab)
G330302	Fundamentals of Manufacturing Systems & Technol.	FSTF (Lecture) + FSTF (Lab)
G330303	Basics of Circuit Analysis & Electrical Machines	FTCME (Lecture) + p-FTCME (Lab)
G330304	Mechanism and Machine Theory	TMM (Lecture) + p-TMM (Lab)
G330305	Thermodynamics and Heat Transfer	TTC (Lecture) + p-TTC (Lab)

Organisation Engineering (Morning groups: 2º O11, 2º O12, 2º O13)

Subject code	Subject name	Abbreviation in timetables
G340302	Thermodynamics and Heat Transfer	TTC (Lecture) + p-TTC (Lab)
G340303	Fundamentals of Electrical Engineering	Fel-nia (Lecture) + p-Fel-nia (Lab)
G340304	Mechanism and Machine Theory	TMM (Lecture) + p-TMM (Lab)
G340403	Automation and Control Fundamentals	Fau (Lecture) + p-Fau (Lab)
G340401	Fluid Mechanics	MF (Lecture) + p-MF (Lab)

Electrical Engineering (Afternoon groups: 2º E11, 2º E12)

Subject code	Subject name	Abbreviation in timetables
G320301	Materials Science & Technology	CTM (Lecture) + p-CTM (Lab)
G320302	Thermodynamics and Heat Transfer	TTC (Lecture) + p-TTC (Lab)
G320303	Fluid Mechanics	MF (Lecture) + p-MF (Lab)
G320304	Basics of Circuit Analysis & Electrical Machines	FTCME (Lecture) + p-FTCME (Lab)
G320305	Mechanism and Machine Theory	TMM (Lecture) + p-TMM (Lab)

Biomedical Engineering (Morning+afternoon groups: 2º B11, 2º B12, 2º B13)

Subject code	Subject name	Abbreviation in timetables
G420301	Biochemistry and Cellular Biology	ByB-C (Lecture) + p-ByB-C (Lab)
G420302	Materials Science & Engineering	CIM (Lecture) + p-CIM (Lab)
G420303	Applied Thermodynamics and Heat Transfer	TATC (Lecture) + p-TATC (Lab)
G420304	Mechanical Systems	SM (Lecture) + p-SM (Lab)
G420305	Fundamentals of Electrotechnology	Fel-nia (Lecture) + p-Fel-nia (Lab)

3.3 Courses available on Campus, 3rd year, 1st semester

Link to page in the timetables

Courses available in English are herein highlighted in red and taught in group 3º M14.

Mechanical Engineering (Morning groups: 3º M11, 3º M12, 3º M13, 3º M14)

Subject code	Subject name	Abbreviation in timetables
G380501	Thermal Engineering I	IT-I (Lecture) + p-IT-I (Lab)
G380502	Elasticity & Additional Topics in Mechanics of Materials	EyARM (Lecture) + p-EyARM (Lab)
G380504	Materials Engineering	IM (Lecture) + p-IM (Lab)
G380505	Fluid Machines	MaqF (Lecture) + p-MaqF (Lab)

Electrical Engineering (Morning group: 3º E12)

Subject code	Subject name	Abbreviation in timetables
G320501	Power Electronics and Automatic Control	EPyRA (Lecture) + p-EPyRA (Lab)
G320503	Electrical Installations I	IEle-I (Lecture) + p-IEle-I (Lab)
G320504	Electrical Machines	ME (Lecture) + p-ME (Lab)
G320505	Mechanics of Materials	RM (Lecture) + p-RM (Lab)

Electronics and Automation Engineering (Afternoon groups: 3º A11, 3º A12, 3º A13)

Subject code	Subject name	Abbreviation in timetables
G330501	Industrial Informatics	InfInd (Lecture) + InfInd (Lab)
G330502	Additional Topics (in Mathematics & Fluid Systems)	CF (Lecture) + p-CF (Lab)
G330503	Electronic Instrumentation I	IE-I (Lecture) + p-IE-I (Lab)
G330505	Three-phase Systems & Electrical Machines	STyME (Lecture) + p-STyME (Lab)

Organisation Engineering (Afternoon groups: 3º O11, 3º O12, 3º O13)

Subject code	Subject name	Abbreviation in timetables
G340306	Environmental Technology	Tma (Lecture) + p-Tma (Lab)
G340501	Product Management and Customer Service	GPySC (Lecture) + p- GPySC (Lab)
G340502	Quantitative Methods in Industrial Engineering	MCOI (Lecture) + p-MCOI (Lab)
G340701	Manufacturing Technologies and Systems	STF (Lecture) + p-STF (Lab)
G340702	Control and Industrial Automation	CyAI (Lecture) + p-CyAI (Lab)

Biomedical Engineering (Morning groups: 3º B11, 3º B12, 3º B13)

Subject code	Subject name	Abbreviation in timetables
G420502	Fundamentals of Automation & Control	FAC (Lecture) + p-FAC (Lab)
G420501	Fundamentals of Business Mngmt & Health Mngmt	FOEGS (Lecture) + p-FOEGS (Lab)
G420504	Fluid Mechanics	MF (Lecture) + p-MF (Lab)
G420503	Solid Mechanics in Biomedical engineering	MSDIB (Lecture) + p-MSDIB (Lab)
G420505	Sensors & Acquisition of Biomedical Signals	SASB (Lecture) + p-SASB (Lab)

3.4 Courses available on Campus, 4th year, 1st semester

Link to page in the timetables

Electronics and Automation Engineering. Groups: 4º A11 (Electrónica industrial), 4º A12, 4º A13 and 4 A14 (Automática).

Subject code	Subject name	Abbreviation in timetables
G330701	Power Electronics	EP (Lecture) + p-EP (Lab)
G330702	Industrial Robotics	RI (Lecture) + p-RI (Lab)
G330921	Electronic Instrumentation II	IE-II (Lecture) + p-IE-II (Lab)
G330923	Digital Electronic Systems	SED (Lecture) + p-SED (Lab)
G330922	Electronic Communication Systems	SEC (Lecture) + p-SEC (Lab)
G330911	Control Engineering II	IC-II (Lecture) + p-IC-II (Lab)
G330912	Industrial Communication Networks	RCI (Lecture) + p-RCI (Lab)
G330913	Real-Time Control Systems	SCTR (Lecture) + p-SCTR (Lab)
G330701	Power Electronics	EP (Lecture) + p-EP (Lab)
G330702	Industrial Robotics	RI (Lecture) + p-RI (Lab)

Organisation Engineering. Groups: 4º O11 (Prod. y logística), 4º O12 (Prod. y logística), 4º O13 (Gest. empr.)

Subject code	Subject name	Abbreviation in timetables
G340503	Business Administration	AE (Lecture) + p-AE (Lab)
G340504	Information Systems in Management Engineering	SIIO (Lecture) + p-SIIO (Lab)
G340307	Project Elaboration and Management in Engineering	OT (Lecture) + p-OT (Lab)
G340912	Warehouse and Transport Management	GAT (Lecture) + p-GAT (Lab)
G340911	Quantitative Methods and Management Tools	MCHG (Lecture) + p-MCHG (Lab)
G340922	Enterprise Assets Management	GMAE (Lecture) + p-GMAE (Lab)
G340921	Tools for Organisation and Business Management	HOGE (Lecture) + p-HOGE (Lab)

Mechanical Engineering. Morning+afternoon groups: 4º MT1, 4º MT2, 4º MM1

Subject code	Subject name	Abbreviation in timetables
G380941	Automobiles and railways	AyF (Lecture) + p-AyF (Lab)
G380945	Transport Engineering	IT (Lecture) + p-IT (Lab)
G380942	Fluidmech. Systems & Advanced Mat. for Transportation	SFyMAT (Lecture) + p-SFyMAT (Lab)
G380943	Powertrain Systems	SMP (Lecture) + p-SMP (Lab)
G380911	Machine Design II	DM-II (Lecture) + p-DM-II (Lab)
G380912	Materials and Technologies in Mech. Manufacturing	MyTFM-II (Lect.) + p-MyTFM-II (Lab)
G380913	Thermal Engines and Machines	MMT (Lecture) + p-MMT (Lab)
G380701	Project elaboration and Management in Engineering	OT (Lecture) + p-OT (Lab)

Electrical Engineering. Morning+afternoon group: 4º E11

Subject code	Subject name	Abbreviation in timetables
G320702	Power Plants	CE (Lecture) + p-CE (Lab)
G320701	Control of Machines and Electric Actuators	CMAE (Lecture) + p-CMAE (Lab)
G320912	Electrification and Electric Traction	ETE (Lecture) + p-ETE (Lab)
G320914	Special Electric Installations	IEE (Lecture) + IEE (Lab)
G320703	Power Lines and Electric Energy Transmission	LETE (Lecture) + p-LETE (Lab)
G320704	Project Elaboration and Management in Engineering	OT (Lecture) + p-OT (Lab)

Biomedical Engineering. Morning+afternoon groups: 4º B11 (Mec), 4º B12 (Mec), 4º B13 (Tec)

Subject code	Subject name	Abbreviation in timetables
G420903	Biocompat. & Mech. Behav. Materials Implantology	BCMMI (Lecture) + p- BCMMI (Lab)
G420904	Design & Manuf. Biomedical Prod.& Equipment	DF_PEB (Lecture) + p- DF_PEB (Lab)
G420913	Image Generation and Processing in Biomedicine	GP_IB (Lecture) + p- GP_IB (Lab)
G420905	Hospital Facilities	IH (Lecture) + p-IH (Lab)
G420914	Communication, Manip. & Telemedicine Networks	RCMT (Lecture) + p- RCMT (Lab)
G420701	Drafting & Implement. Projects in Biomedical Eng.	RP_IB (Lecture) + p- RP_IB (Lab)
G420915	Automatic Control Systems in Biomedicine	SACB (Lecture) + p- SACB (Lab)

3.5 Courses available on Campus, 1st year, 2nd semester

Link to page in the timetables

The courses are identical for all our bachelor's degrees. Every group hosts students from different degrees.

"GXXX" denotes that a course is common to all the bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree as indicated in Table 1.

Courses available in English are herein highlighted in red and taught in group A07_I. The remaining groups are taught in Spanish.

Subject code	Subject name	Abbreviation in timetables
GXXX201	Business: Introduction to Business Management	Xest_Empr
GXXX202	Physics II	Física II
GXXX203	Computing for Engineering	Informática
GXXX204	Calculus II and Differential Equations	Cálculo II
GXXX205	Chemistry	Química

3.6 Courses available on Campus, 2nd year, 2nd semester

Link to page in the timetables

Mechanical Engineering (Morning groups: 2º M11, 2º M12. Afternoon groups: 2º M21, 2º M22)

Subject code	Subject name	Abbreviation in timetables
G380402	Mechanics of Materials	RM (Lecture) + p-RM (Lab)
G380404	Electronic Technology	Tel-nica (Lecture) + p-Tel-nica (Lab)
G380403	Fundamentals of Automation	Fau (Lecture) + p-Fau (Lab)
G380301	Materials Science and Technology	CTM (Lecture) + p-CTM (Lab)
G380405	Fluid Mechanics	MF (Lecture) + p-MF (Lab)

Electronics and Automation Engineering (Morning groups: 2º A11, 2º A12, 2º A13)

Subject code	Subject name	Abbreviation in timetables
G330402	Fundamentals of Electronics	Fel-nica (Lecture) + p-Fel-nica(Lab)
G330405	Mechanics of Materials	RM (Lecture) + p-RM (Lab)
G330403	Basics of Operations Management	FOE (Lecture) + p-FOE (Lab)
G330401	Fundamentals of Automation	Fdau (Lecture) + p-Fdau (Lab)
G330404	Fluid Mechanics	MF (Lecture) + p-MF (Lab)

Organisation Engineering (Morning groups: 2º O11, 2º O12, 2º O13)

Subject code	Subject name	Abbreviation in timetables
G340402	Electronic Technology	Tel-nica (Lecture) + p-Tel-nica (Lab)
G340405	Basics of Operations Management	FOE (Lecture) + p-FOE (Lab)
G340404	Mechanics of Materials	RM (Lecture) + p-RM (Lab)
G340301	Materials Science and Technology	CTM (Lecture) + p-CTM (Lab)
G340305	Fundamentals of Manufacturing Systems & Technol.	FSTF (Lecture) + p-FSTF (Lab)

Electrical Engineering (Afternoon groups: 2º E11, 2º E12)

Subject code	Subject name	Abbreviation in timetables
G320401	Electrical Engineering	El-nia(Lecture)+p-El-nia(Lab)
G320404	Fundamentals of Electronics	Fel-nica(Lecture)+p-Fel-nica(Lab)
G320405	Fundamentals of Automation	Fdau(Lecture)+p-Fdau(Lab)
G320502	Thermal & Fluid Machines in Power Plants & Renewable Energies	MTFC-ER (Lecture) + p- MTFC-ER (Lab)

Biomedical Engineering (Groups 2º B11, 2º B12, 2º B13)

Subject code	Subject name	Abbreviation in timetables
G420402	General Physiology	FG (Lecture) + p-FG (Lab)
G420401	Fundamentals of Electronics	Fel-nica-B (Lecture) + p-Fel-nica-B (Lab)

3.7 Courses available on Campus, 3rd year, 2nd semester

Link to page in the timetables

Mechanical Engineering (Morning groups: 3º M11, 3º M12, 3º M13, 3º M14)

Courses available in English are herein highlighted in red and taught in group 3º M14

Subject code	Subject name	Abbreviation in timetables
G380602	Graphical Engineering	IG (Lecture) + p-IG (Lab)
G380601	Basics of Operations Management	FOE (Lecture) + p-FOE (Lab)
G380603	Theory of Structures and Industrial Constructions	TEyCI (Lecture) + p-TEyCI (Lab)
G380304	Machine Design I	DM-I (Lecture) + p-DM-I (Lab)
G380604	Manufacturing engineering and dimensional quality	IFyCD (Lecture) + p-IFyCD (Lab)

Electrical Engineering (Morning groups: 3º E11)

Subject code	Subject name	Abbreviation in timetables
G320605	Basics of Operations Management	FOE (Lecture) + p-FOE (Lab)
G320603	Fundamentals of Systems & Manufacturing Technol.	FSTF (Lecture) + p-FSTF (Lab)
G320601	Design and Calculating of Electric Machines	DCME (Lecture) + p-DCME (Lab)
G320602	Electrical Installations	IEle-II (Lecture) + p-IEle-II (Lab)
G320604	Environmental Technology	Tma (Lecture) + p-Tma (Lab)

Biomedical Engineering (Groups 3º B11, 3º B12, 3º B13)

Subject code	Subject name	Abbreviation in timetables
G420601	Biostatistics	BIOEST (Lecture) + p- BIOEST (Lab)
G420901	Biomaterials	BIOMAT (Lecture) + p- BIOMAT (Lab)
G420902	Biomechanics	BIOMEC (Lecture) + p-BIOMEC (Lab)
G420912	Digital Electronics Devices in Medicine	DEDM (Lecture) + p-DEDM (Lab)
G420911	Processing Techniques of Biomedical Signals	TPSB (Lecture) + p-TPSB (Lab)

Electronics and Automation Engineering (Afternoon groups: 3º A11, 3º A12, 3º A13)

Subject code	Subject name	Abbreviation in timetables
G330603	Environmental Technology	Tma (Lecture) + p-Tma (Lab)
G330602	Control Engineering	IC (Lecture) + p-IC (Lab)
G330601	Digital Engineering and Microcontrollers	EDyM (Lecture) + p-EDyM (Lab)
G330604	Project Elaboration and Management in Engineering	OT (Lecture) + p-OT (Lab)

Organisation Engineering (Afternoon groups: 3º O11, 3º O12, 3º O13)

Subject code	Subject name	Abbreviation in timetables
G340602	Quality, Safety and Sustainability Management	GCSS (Lecture) + p-GCSS (Lab)
G340803	Materials Engineering	IM (Lecture) + p-IM (Lab)
G340801	Electronic Instrumentation	IE (Lecture) + p-IE (Lab)
G340601	Organization of Production	OP (Lecture) + p-OP (Lab)
G340603	Organization of Work and Human Factor	OTFH (Lecture) + p-OTFH (Lab)
G340804	Electrical Technology	TE (Lecture) + p-TE (Lab)
G340802	Thermal Technology	TT (Lecture) + p-TT (Lab)

3.8 Courses available on Campus, 4th year, 2nd semester, 1st part

Link to page in the timetables

The 1st part of the 2nd semester applies **only** to courses taught in the 4th year of the bachelor's degrees.
Lectures and labs are taught from January 29th 2024 to March 15th 2024.

Mechanical Engineering (Track *Transports*: groups 4º MT1, 4º MT2. Track *Machines:* group 4º MM1)

Subject code	Subject name	Abbreviation in timetables
G380914	Hydraulic Machines & Oleopneumatic Systems Design	DMHySO (Lect.) + p- DMHySO (Lab)
G380915	Computer-aided Mechanical Design	DMA (Lecture) + p-DMA (Lab)
G380701	Project Elaboration and Management in Engineering	OT (Lecture) + p-OT (Lab)
G380944	Hybrid and Electric Automotive Vehicles	VAHE (Lecture) + p-VAHE (Lab)

Electrical Engineering (Group 4º E11).

Subject code	Subject name	Abbreviation in timetables
G320801	Power Generation with Renewable Energies	GEER (Lecture) + p- GEER (Lab)
G320802	Electric Power Systems	SEP (Lecture) + p-SEP (Lab)

Electronics and Automation Engineering (A11, A12, A13)

Electronics and Automation Engineering. Groups: 4º A11 (Electrónica industrial), 4º A12, A13, A14 (Electrónica industrial), 4º A12 (Automática), 4º A13 (Automática), 4º A14 (Automática), 4º A15 (Automática)

Subject code	Subject name	Abbreviation in timetables
G330914	Industrial Automation	AI (Lecture) + p-AI (Lab)
G330915	Laboratory of Programmable Digital Systems	LSDP (Lecture) + p- LSDP (Lab)
G330924	Industrial Electronics	EI (Lecture) + p-EI (Lab)
G330925	Control Engineering Laboratory	LIC (Lecture) + p-LIC (Lab)

Organisation Engineering Groups: 4º O11 (Prod. y logística), 4º O12 (Prod. y logística), 4º O13 (Gest. empr.)

Subject code	Subject name	Abbreviation in timetables
G340914	Information Systems & Integrated Management Systems	SIySIG (Lecture) + p- SIySIG (Lab)
G340913	Instruments for Control & Management of Companies	ICyGE (Lecture) + p- ICyGE (Lab)
G340924	Innovation and Technology Management	GIT (Lecture) + p-GIT (Lab)
G340923	Business administration and organization	AEyEO (Lecture) + p- AEyEO (Lab)

Biomedical Engineering . Morning+afternoon groups: 4º B11 (Mec), 4º B12 (Mec), 4º B13 (Tec)

Subject code	Subject name	Abbreviation in timetables
G420906	Simulation Applied to Fluids & Mechanical Systems	SAFSM (Lecture) + p- SAFSM (Lab)
G420907	Nanomedicine	NANOMED (Lect.)+p-NANOMED (Lab)
G420916	Biomedical Instrumentation	IB (Lecture) + p-IB (Lab)
G420917	Information Systems in Biomedical Environments	SI_EB (Lecture) + p-SI_EB (Lab)

General elective courses common to all bachelor's Degrees

- Information is indicated in the timetable of group MT1 but applies to all groups and degrees (time slot in dark orange background)
- "GXXX" denotes that a course is common to all bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree indicated in Table 1.
- Courses available in English are herein highlighted in red

Subject code	Subject name	Abbreviation in timetables
GXXX902	Electrical Components in Vehicles	CEV (Lecture) + p- CEV (Lab)
GXXX904	Technical English 2	IT-2 (Lecture) + p- IT-2 (Lab)
GXXX908	Laser Technology	TL (Lecture) + p-TL (Lab)

3.9 Courses available on Campus, 4th year, 2nd semester, 2nd part

Link to page in the timetables

The 2nd part of the 2nd semester applies **only** to a few courses taught in the 4th year of the bachelor's degrees. Lectures and labs in this period are taught from March 18th 2024 to May 10th 2024.

General elective courses common to all bachelor's degrees:

- "GXXX" denotes that a course is common to all bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree indicated in Table 1.
- Courses available in English are herein highlighted in red.

Subject code	Subject name	Abbreviation in timetables
GXXX905	Methodology for the preparation, presentation and management of technical projects	MdeTT (Lecture) + p- MdeTT (Lab)
GXXX903	Technical English 1	IT-1 (Lecture) + p- IT-1 (Lab)
GXXX906	Advanced Programming for Engineering	PAI (Lecture) + p-PAI (Lab)
GXXX907	Safety and Industrial Hygiene	SHI (Lecture) + p-SHI (Lab)

4 Detailed schedules – City

4.1 Courses available in the City, 1st year, 1st semester

Link to page in the timetables

The courses are identical for all our bachelor's degrees. Every group hosts students from different degrees.

"GXXX" denotes that a course is common to all bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree as indicated in Table 1.

All groups are taught in Spanish. English-taught subjects are available in group A07_I on Campus.

Lectures: green background. Labs: blue background

Subject code	Subject name	Abbreviation in timetables
GXXX101	Fundamentals of Engineering Graphics	Expr_Grafica
GXXX102	Physics I	Física I
GXXX103	Algebra & Statistics	Álxebra Estatística
GXXX104	Calculus I	Cálculo I

4.2 Courses available in the City, 2nd year, 1st semester

Link to page in the timetables

Courses available in English are herein highlighted in red and taught in group 2º T13.

Lectures: green background. Labs: blue background

Technology Engineering – Spanish (Morning groups: 2º T11, 2º T12. Afternoon groups: 2º T21)

Subject code	Subject name	Abbreviation in timetables
G360301	Materials Science & Technology	C_Tec_Mat
G360302	Fundamentals of Circuit Analysis and Electrical Machines	F_T_C_Maq_El
G360305	Basics of Operations Management	F_Org_E
G360303	Mechanism and Machine Theory	T_Maq_Mec
G360304	Automation and Control Fundamentals	F_Auto-ca

Technology Engineering – English (Morning groups: 2º T13 – T1_I)

Subject code	Subject name	Abbreviation in timetables
G363301	Materials Science & Technology	C_Tec_Mat
G363302	Fundamentals of Circuit Analysis and Electrical Machines	F_T_C_Maq_El
G363305	Basics of Operations Management	F_Org_E
G363303	Mechanism and Machine Theory	T_Maq_Mec
G363304	Automation and Control Fundamentals	F_Auto-ca

Electronics and Automation Engineering (Afternoon groups: 2º A21, 2º A22)

Subject code	Subject name	Abbreviation in timetables
G330301	Materials Science & Technology	C_Tec_Mat
G330302	Fundamentals of Manufacturing Systems & Technol.	Fu_Si_Te_Fa
G330303	Basics of Circuit Analysis & Electrical Machines	F_T_C_Maq_El
G330304	Mechanism and Machine Theory	T_Maq_Mec
G330305	Thermodynamics and Heat Transfer	Termo_T_Cal

Chemical Engineering (Morning groups: 2º Q11)

Subject code	Subject name	Abbreviation in timetables
G350301	Thermodynamics and Heat Transfer	Termo_T_Cal
G350302	Fundamentals of Electrical Engineering	F_Elnia
G350303	Mechanism and Machine Theory	T_Maq_Mec
G350403	Automation and Control Fundamentals	F_Auto-ca
G350305	Materials Science & Technology	C_Tec_Mat

Mechanical Engineering (Morning groups: 2º M31, 2º M32, 2º M33. Afternoon groups: 2º M41, 2º M42)

Subject code	Subject name	Abbreviation in timetables
G380302	Thermodynamics and Heat Transfer	Termo_T_Cal
G380303	Fundamentals of Electrical Engineering	F_Elnia
G380305	Fundamentals of Manufacturing Systems & Technologies	Fu_Si_Te_Fa
G380306	Mechanism and Machine Theory	T_Maq_Mec
G380401	Environmental Technology	Tec_Med-amb

4.3 Courses available in the City, 3rd year, 1st semester

Link to page in the timetables

Courses available in English are herein highlighted in red and taught in group 3º T1_I.

Lectures: green background. Labs: blue background

Technology Engineering – Spanish (Afternoon groups: 3º T11, 3º T12, 3º T13)

Subject code	Subject name	Abbreviation in timetables
G360502	Materials Engineering	Enx_Mat
G360502	Physics 3	Física-III
G360505	Specialized Mathematics	Mac_Espec
G360501	Applied Electrotechnics	Elnia_Aplic
G360504	Hydraulic Turbomachines	TurboM_Hidr

Technology Engineering – English (Afternoon groups: 3º T1_I)

Subject code	Subject name	Abbreviation in timetables
G363502	Materials Engineering	Enx_Mat
G363502	Physics 3	Física-III
G363505	Specialized Mathematics	Mac_Espec
G363501	Applied Electrotechnics	Elnia_Aplic
G363504	Hydraulic Turbomachines	TurboM_Hidr

Electronics and Automation Engineering (Morning groups: 3º A21, 3º A22)

Subject code	Subject name	Abbreviation in timetables
G330501	Industrial Informatics	Inf_Indust
G330502	Additional Topics (in Mathematics & Fluid Systems)	C_Form_Mat/C_Form_Flu
G330503	Electronic Instrumentation I	Ins_Elnica-I
G330505	Three-phase Systems & Electrical Machines	S_3F_Maq_El

Chemical Engineering (Afternoon groups: 3º Q11, 3º Q12)

Subject code	Subject name	Abbreviation in timetables
G350503	Chemical Engineering II	Enx_Qim-II
G350501	Basic of Operation Management	F_Org_E
G350504	Industrial Chemistry	Qim_Indust
G350505	Experimentation in Industrial Chemistry I	Exp_Q_Ind-I
G350502	Environmental Technology	Tec_Med-amb

Mechanical Engineering (Afternoon groups: 3º M21, 3º M22, 3º M23)

Subject code	Subject name	Abbreviation in timetables
G380501	Thermal Engineering I	Enx_Term-I
G380502	Elasticity & Additional Topics in Mechanics of Materials	El_A_Res_Mat
G380504	Materials Engineering	Enx_Mat
G380505	Fluid Machines	Maq_Fluídos

4.4 Courses available in the City, 4th year, 1st semester

Link to page in the timetables

Courses available in English are herein highlighted in red and taught in group 4º T1_I.

Lectures: green background. Labs: blue background

Technology Engineering – Spanish (Morning groups: 4º T11, 4º T12)

Subject code	Subject name	Abbreviation in timetables
G360704	Thermal Technology	Tec_Térmica
G360701	Electronic Instrumentation	Instr_Elnica
G360703	Environmental Technology	Tec_Med-amb
G360705	Electrical Systems	Sist_Eltricos
G360702	Projects Elaboration and Management in Engineering	Oficina_Tec

Technology Engineering – English (Morning groups: 4º T1_I)

Subject code	Subject name	Abbreviation in timetables
G363704	Thermal Technology	Tec_Térmica
G363701	Electronic Instrumentation	Instr_Elnica
G363703	Environmental Technology	Tec_Med-amb
G363705	Electrical Systems	Sist_Eltricos
G363702	Projects Elaboration and Management in Engineering	Oficina_Tec

Chemical Engineering (Morning groups: 4º Q11-bio, 4º Q11-procesos)

Subject code	Subject name	Abbreviation in timetables
G350923	Industrial Organic Chemistry	Q_Org_Ind
G350922	Biotechnological Processes and Products	P_P_Biotec
G350921	Bioelectrochemistry	BioelectroQ
G350702	Simulation and Optimization of Chemical Processes	Sim_Opt_P_Q
G350701	Product Optimization	Optim_Prod

Mechanical Engineering (Track *Design& Manufacturing*: groups 4º MD1, 4º MD2. Track *Installations and Construction:* group 4º MC1)

Subject code	Subject name	Abbreviation in timetables
G380924	Themal and Fluid Installations	Inst_Term_F
G380923	Electrical Installations, Surveying and Construction	I_E_Topo_Con
G380921	Concrete Structures	Est_Formigón
G380922	Metal Structures	Est_Metálicas
G380931	Product Design and Communication, and Automation of Plant Elements	DC_Pdt_ADF
G380933	Systems for Data Analysis, Simulation and Validation	S_A_S_V_Datos
G380932	Materials, Tools and Manufacturing Resources	Sel_Mat_FMP
G380701	Project elaboration and Management in Engineering	Oficina_Tec

4.5 Courses available in the City, 1st year, 2nd semester

Link to page in the timetables

The courses are identical for all our bachelor's degrees. Every group hosts students from different degrees.

"GXXX" denotes that a course is common to all bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree as indicated in Table 1.

All groups are taught in Spanish. English-taught subjects are available in group A07_I on Campus.

Lectures: green background. Labs: blue background

Subject code	Subject name	Abbreviation in timetables
GXXX201	Introduction to Business Management	Xest_Empr
GXXX202	Physics I	Física II
GXXX203	Computing for Engineerings	Informática
GXXX204	Calculus II & Differential Equations	Cálculo II
GXXX205	Chemistry	Química

4.6 Courses available in the City, 2nd year, 2nd semester

Link to page in the timetables

Lectures: green background. Labs: blue background

Courses available in English are herein highlighted in red and taught in group 2º T13.

Technology Engineering – Spanish (Morning groups: 2º T11, 2º T12. Afternoon groups: 2º T21)

Subject code	Subject name	Abbreviation in timetables
G360403	Fluid Mechanics	Mec_Fluídos
G360405	Thermodynamics and Heat Transfer	Termo_T_Cal
G360401	Electronic Technology	T_Elnica
G360402	Fundamentals of manufacturing systems and technologies	Fu_Si_Te_Fa
G360404	Mechanics of Materials	Resist_Mat

Technology Engineering – English (Morning groups: 2º T13)

Subject code	Subject name	Abbreviation in timetables
G363403	Fluid Mechanics	Mec_Fluídos
G363405	Thermodynamics and Heat Transfer	Termo_T_Cal
G363401	Electronic Technology	T_Elnica
G363402	Fundamentals of manufacturing systems and technologies	Fu_Si_Te_Fa
G363404	Mechanics of Materials	Resist_Mat

Electronics and Automation Engineering (Afternoon groups: 2º A21, 2º A22)

Subject code	Subject name	Abbreviation in timetables
G330402	Fundamentals of Electronics	F_Elnica
G330405	Mechanics of Materials	Resist_Mat
G330403	Basics of Operations Management	F_Org_E
G330401	Fundamentals of Automation	F_Auto-ción
G330404	Fluid Mechanics	Mec_Fluídos

Chemical Engineering (Morning groups: 2º Q11)

Subject code	Subject name	Abbreviation in timetables
G350401	Fluid Mechanics	Mec_Fluídos
G350304	Fundamentals of Manufacturing Systems & Technol.	Fu_Si_Te_Fa
G350404	Mechanics of Materials	Resist_Mat
G350402	Electronic Technology	T_Elnica
G350401	Chemical Engineering I	Enx_Quim-I

Mechanical Engineering (Morning groups: 2º M31, 2º M32, 2º M33. Afternoon groups: 2º M41, 2º M42)

Subject code	Subject name	Abbreviation in timetables
G380402	Mechanics of Materials	Resist_Mat
G380404	Electronic Technology	T_Elnica
G380403	Fundamentals of Automation	F_Auto-ción
G380301	Materials Science and Technology	C_Tec_Mat
G380405	Fluid Mechanics	Mec_Fluídos

4.7 Courses available in the City, 3rd year, 2nd semester

Link to page in the timetables

Lectures: green background. Labs: blue background

Courses available in English are herein highlighted in red and taught in group 3º T1_I.

Technology Engineering (Afternoon groups: 3º T11, 3º T12, 3º T13)

Subject code	Subject name	Abbreviation in timetables
G360604	Manufacturing Engineering	Enx_Fabric
G360606	Chemical Technology	Tec_Química
G360603	Elasticity & Additional Topics in Mechanics of Materials	El_A_Res_Mat
G360602	Machine Design and Testing	Des_Ens_Maq
G360605	Electrical Machines	Máq_Electr

Technology Engineering (Afternoon groups: 3º T1_I)

Subject code	Subject name	Abbreviation in timetables
G363604	Manufacturing Engineering	Enx_Fabric
G363606	Chemical Technology	Tec_Química
G363603	Elasticity & Additional Topics in Mechanics of Materials	El_A_Res_Mat
G363602	Machine Design and Testing	Des_Ens_Maq
G363605	Electrical Machines	Máq_Electr

Electronics and Automation Engineering (Morning groups: 3º A21, 3º A22)

Subject code	Subject name	Abbreviation in timetables
G330603	Environmental Technology	Tec_Med-amb
G330602	Control Engineering	Enx_Control-I
G330601	Digital Engineering and Microcontrollers	Elnica_Dix_Mic
G330604	Project Elaboration and Management in Engineering	Oficina_Tec

Chemical Engineering (Afternoon groups: 3º Q11, 3º Q12)

Subject code	Subject name	Abbreviation in timetables
G350505	Experimentation in Industrial Chemistry	Exp_Q_Ind-II
G350601	Reactors and Biotechnology	React_Biotec
G350604	Project Elaboration and Management in Engineering	Oficina_Tec
G350603	Control and Instrumentation in Chemical Processes	Contr_Ins_P_Q

Mechanical Engineering (Afternoon groups: 3º M21, 3º M22, 3º M23)

Subject code	Subject name	Abbreviation in timetables
G380602	Graphical Engineering	Enx_Gráfica
G380601	Basics of Operations Management	F_Org_E
G380603	Theory of Structures and Industrial Constructions	T_E_C_I
G380304	Machine Design I	Des_Maq_I
G380604	Manufacturing engineering and dimensional quality	Enx_Fab_C_D

4.8 Courses available in the City, 4th year, 2nd semester, 1st part

Link to page in the timetables

Lectures: green background. Labs: blue background

The 1st part of the 2nd semester applies **only** to courses taught in the 4th year of the bachelor's degrees.

Lectures and labs are taught from January 29th 2024 to March 15th 2024**.**

Technology Engineering (Groups: 4º T11, 4º T12).

Subject code	Subject name	Abbreviation in timetables
G360802	Basics of Business Administration	F_Admin_E
G360801	Control and Industrial Automation	Ctrl_Aut_Ind

Chemical Engineering (Groups 4º Q11-PBM, 4º Q11-COP).

Subject code	Subject name	Abbreviation in timetables
G350502	Environmental Technology	T_X_Medioamb
G350924	Modelling of Biotechnological Processes	Mod_Proc_BT
G350914	Design of Chemical and Processing Plants	Des_Pta_Q_P
G350913	Heating and Cooling in the Process Industry	Cal_Frío_I_P

Mechanical Engineering (Track *Design& Manufacturing*: groups 4º MD1, 4º MD2. Track *Installations and Construction:* group 4º MC1).

Subject code	Subject name	Abbreviation in timetables
G380701	Project Elaboration and Management in Engineering	Oficina_Tec
G380925	Additional Topics in Structures and Foundations	Amp_Estr_Cim
G380935	Advanced Manufacturing Technologies	Tec_Av_Fab
G380934	Systems for Product Design and Development	S_D_D_Prod

General elective courses common to all bachelor's Degrees

- "GXXX" denotes that a course is common to all bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree indicated in Table 1.
- Courses available in English are herein highlighted in red.

Subject code	Subject name	Abbreviation in timetables
GXXX905	Methodology for the preparation, presentation and management of technical projects	Met_Trab_Tec
GXXX903	Technical English 1	Inglés_Tec-I
GXXX906	Advanced Programming for Engineering	Prog_Av_Enx
GXXX907	Safety and Industrial Hygiene	Seg_Hix_Ind

4.9 Courses available in the City, 4th year, 2nd semester, 2nd part

Link to page in the timetables

The 2nd part of the 2nd semester applies only to a few courses taught in the 4th year of the Bachelor degrees.

Lectures and labs in this period are taught from March 18th 2024 to May 10th 2024.

General elective courses common to all bachelor's degrees

- "GXXX" denotes that a course is common to all bachelor's degrees. To get the code of such course, replace the "XXX" with the code of the degree indicated in Table 1.
- Courses available in English are herein highlighted in red.

Subject code	Subject name	Abbreviation in timetables
GXXX902	Electrical Components in Vehicles	Comp.El.Veh
GXXX904	Technical English 2	Inglés_Tec-II
GXXX908	Laser Technology	Tec Láser