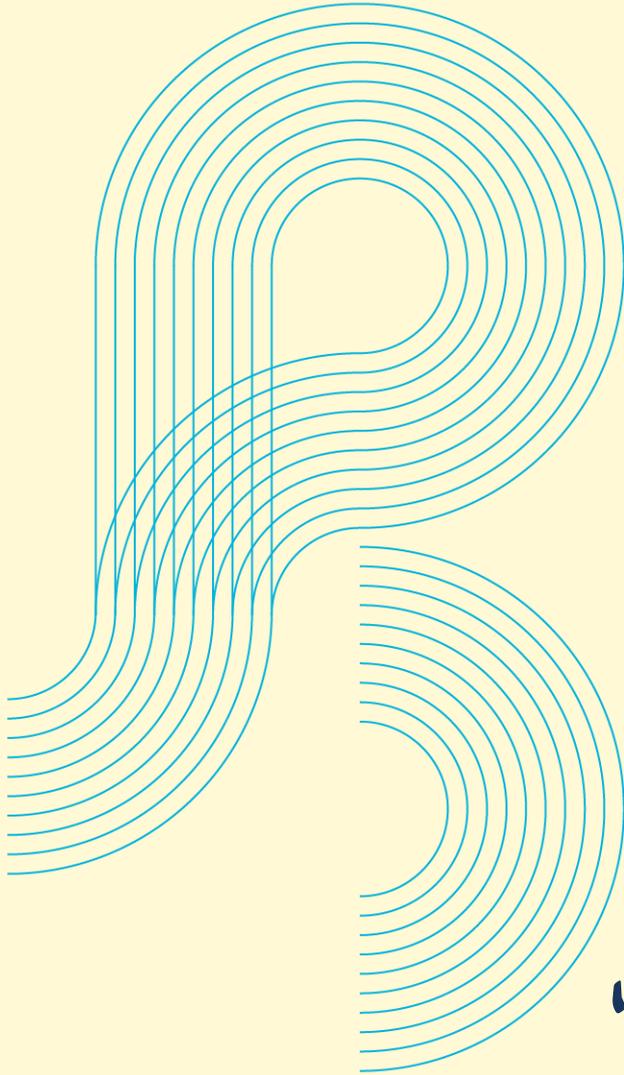




Course 2024~2025

BIOLOGY DEGREE



**“Feel life,
live Biology”**

STUDENT GUIDE



Centro certificado
FIDES-AUDIT



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Dean Presentation

In the University of Vigo, colloquially known as “CUVI”, the studies in Biology began in 1977, but only the first course of the degree in Biology was taught, under the University of Santiago de Compostela.

The creation of the University of Vigo in 1990 facilitated the implementation of the full degree in 1994, with the approval of the first study programme that same year. In 2001, the last degree programme was introduced. Since January of 1990, the Faculty of Biology of the University of Vigo has grown at a considerable rate. Teachers and researchers are mostly PhDs and participate in research projects in various fields of the broad world of Biology. Our faculty is also very involved in the Campus del Mar (Campus of the Sea) recognised as International Campus of Excellence.

The studies in the Degree in Biology that are currently offered following the guidelines of EHEA (European High Education Area). According to the Postgraduate studies, we offer seven master's degrees, mostly interuniversity, with diverse research fields and a professionalizing character: Aquaculture, Marine Biology, Advanced Biotechnology, Neuroscience, Genomics and Genetics, Terrestrial Biodiversity: Characterization, conservation and Management, and Teaching Training.

The constant work has positioned our faculty in an excellent level of resources acquisition, teaching and research infrastructures, as well as researcher training. The teaching work improves day by day constantly fostering the coordination between teachers and the use, both in the classroom and the laboratories, of innovative methodologies applied to the teaching role.

The mobility of our students through national and international exchange programmes, as well as carrying out external internships in companies, research centres and other organisms, are also priority objectives of our faculty. The presence of a specialized Administration and Services Staff (PAS), with great professionalism, contributes to the functioning of the centre.

It is my pleasure to welcome you to our faculty on behalf of all its members.

Regards

Mercedes Gallardo Medina

The Dean of the Faculty of Biology

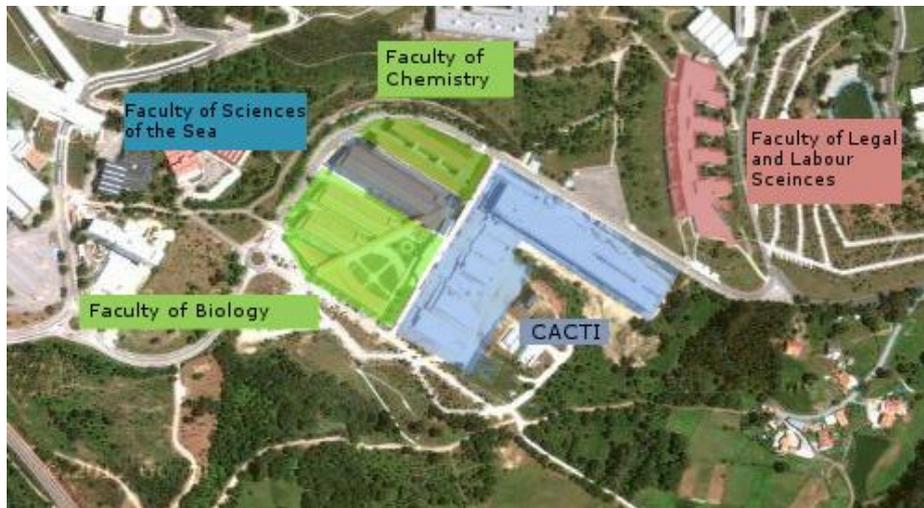
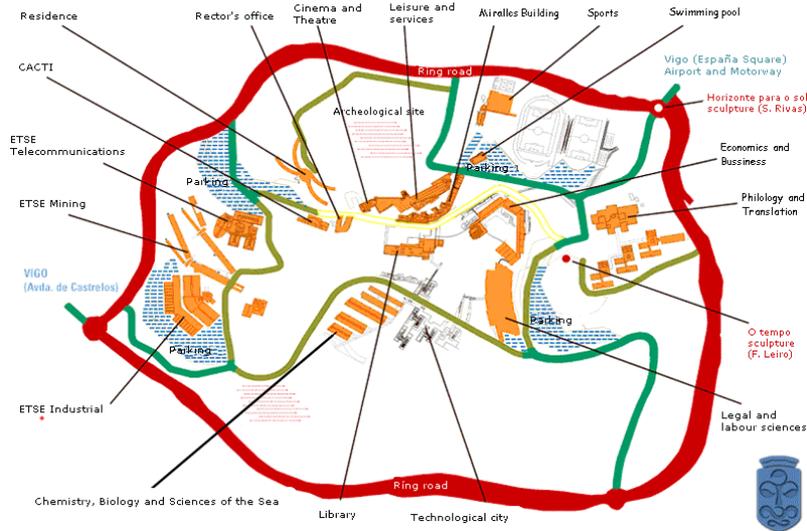


Location, contact and schedule of the faculty

Location

The faculty is located in the university Campus Lagoas-Marcosende, at 14 km from the city of Vigo.

It shares the building with the Faculties of Marine Sciences and Chemistry. The following general plan indicates the location of the Experimental Sciences building where the Faculty of Biology is located.



Detailed location of the Faculty of Biology



Contact

Address	Faculty of Biology Campus Lagoas-Marcosende 36310, Vigo (Pontevedra)
Telephones	Caretaker's office: (+34) 986 812550; Fax: (+34) 986812556 Students' secretary: (+34) 986 812 555 Deanery: (+34) 986811976
WEB	http://bioloxia.uvigo.es/en/
E-mail	decanatobioloxia@uvigo.es

Schedule

- **Faculty**

The faculty is open from Monday to Friday from 8:00 to 21:00 h, in July from 9:00 to 19:00 h, and in August from 9:00 to 14:00 h.

- **Study secretary**

Open Monday to Friday from 8:30 to 14:00 h (all year around).

Organs of the Government and Committees

Decanal Team

Dean.- Mercedes Gallardo Medina.

Vice-dean of Quality, Innovation and Social Outreach. - Jesús M. Míguez Miramontes.

Vice-dean of Students and Teaching Organization. - M^a Fuencisla Mariño Callejo.

Vice-dean of Mobility, Internationalization and External Practices. - Juan Pérez Fernández.

Secretary.- Emilio Gil Martín.

Telephone: 986 81 19 76

Fax: 986 81 25 56

Email: decanatobioloxia@uvigo.es

Faculty Board

The Faculty Board is the collegiate body of representation, decision and control of the faculty. It is composed by the Dean, the Deans's Team, the teaching staff and a representation of the students and the administration and services staff.



Delegated Committee

The Faculty Board can create delegated committees that can carry out study and advisory functions and propose solutions to specific themes or issues under their consideration. Those committees can be stable or relevant.

These are the stable committees:

- Permanent Committee
- Quality Assurance Committee
- Teaching and Validation Committee
- End-of-Degree Project Committee
- Cultural Activities Committee

The functions and the composition of the different committees can be consulted at the following link:
<http://bioloxia.uvigo.es/es/facultad/organos-de-gobierno/comisiones-delegadas>

Departments of the Centre

The Faculty of Biology has the following Departments whose teaching staff offers most of the teaching of the degree:

Department of Functional Biology and Health Sciences

- Telephone 986 812 646
- Email depc01@uvigo.es
- Web <https://webc01.webs.uvigo.es/gl/>

Director Carmen Sieiro Vázquez
Telephone: 986 812 389
Email: mcsieiro@uvigo.gal

Secretary Marcos Antonio López Patiño
Telephone: 986 130 209
Email: mlopezpat@uvigo.gals

Department of Plant Biology and Soil Sciences

- Telephone 986 812 665
- Email departamentos_ciencias@uvigo.es
- Web <http://webc02.webs.uvigo.es/>

Director Manuel Arias Estévez
Telephone: 988 387 193
Email: mastevez@uvigo.gal

Secretary Castor Muñoz Sobrino
Telephone: 986 812 007



Email: bycastor@uvigo.gal

Department of Biochemistry, Genetics and Immunology

- Telephone 986 812 665
- Email departamentos_ciencias@uvigo.es
- Web <http://webc03.webs.uvigo.es/index.html>

Director Diana Valverde Pérez
Telephone: 986 811 953
Email: dianaval@uvigo.gal

Secretary Paloma Morán Martínez
Telephone: 986 813 899
Email: paloma@uvigo.gal

Other Departments with teaching in the Faculty

In addition to those mentioned above, the Faculty of Biology also has the support of other departments that, although not assigned to the degree, teach various subjects in the Degree in Biology. Among them are:

- **Department of Ecology and Animal Biology** (Faculty of Marine Sciences)
<http://webc04.webs.uvigo.es/en/>
- **Department of Analytical and Food Chemistry** (Faculty of Chemistry)
<https://depc07.webs.uvigo.es/gl/>
- **Department of Organic Chemistry** (Faculty of Chemistry)
<http://qo.webs.uvigo.es/gl/>
- **Department of Applied Physics** (Faculty of Marine Sciences)
<https://dept08.webs.uvigo.es/gl/>
- **Department of Marine Geosciences and Organization of the territory** (Faculty of Marine Sciences)
<https://webc10.webs.uvigo.es/gl/>
- **Department of Statistics and Operative Research** (Faculty of Economic Sciences and Business)
<https://depc05.webs.uvigo.es/index.html>
- **Department of Mathematics** (Faculty of Economic Sciences and Business)
<http://webs.uvigo.es/matematicas>
- **Department of Engineering Design** (School of Industrial Engineering - City campus)
<https://webt01.webs.uvigo.es/>
- **Department of Organization of Companies and Marketing** (Faculty of Economic Sciences and Business)
<http://doem.uvigo.es/>



Faculty of Biology



Location of the different blocks and services of the Faculty of Biology

Teaching spaces and resources

The Faculty of Biology of the University of Vigo has sufficient equipment and infrastructure to guarantee the adequate development of the programmed educational activities. In this sense, it has numerous spaces adapted to teaching (classrooms, teaching laboratories, seminar rooms, specialized laboratories, etc.) and research (research laboratories), making these activities and their daily coexistence more comfortable. Within the faculty, the following spaces and services are included:

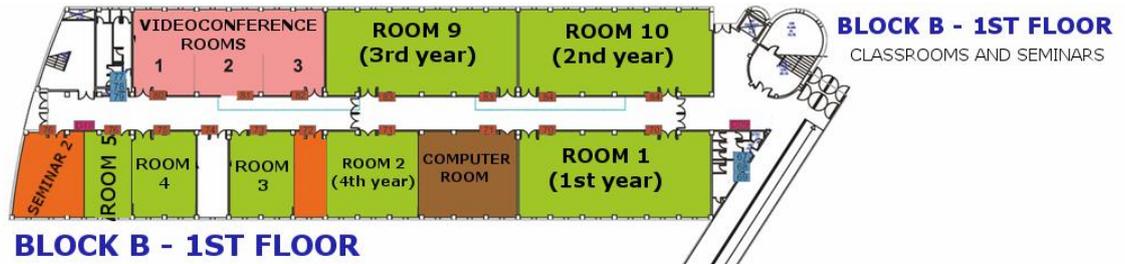


- **Teaching classrooms:** eight classrooms where lectures and exams are carried out. All of them are adapted for people with disabilities and are equipped with computers and digital and analogic projectors for multimedia presentations. They also have an Internet connection and interactive whiteboards.
- **Computer rooms:** there are two classrooms for multiple uses equipped with 23 and 24 computers with Internet connection, digital projection system and interactive whiteboard. During school hours,



the classroom is used for computer-assisted theoretical and practical classes. In non-school hours, there are periods of free use of computers under the supervisions and support of a specialist.

- **Seminar rooms:** there are four classrooms to work in small groups or for tutoring. All of them are equipped with Internet connection.
- **Video conference classrooms:** there are three classrooms with the necessary equipment to make video conference connections.



- **Teaching laboratories:** there are 13 laboratories for the execution of experimental practices and practical seminars, with a capacity of 20-24 seats each. All of them are equipped with the instruments and equipment necessary to execute the practices of the different subjects of the Degree. In the laboratories, there are a series of safety rules specified in the regulations for the prevention of risks in the laboratory's workplace. In addition, in the coordination platform, there is a PDF with all the necessary regulations to work in the biology laboratories.
- **Library Service:** it is available in the centre and has 220 reading seats and a wide and updated range of titles to consult in the room. In addition, it offers the possibility of home loan as well as to obtain more resources through interlibrary loans. The [library](#) service has a computer systems in the room that allow consulting the catalogue.
- **Study rooms:** in the spaces of the library.



- **Students Delegation "Lynn Margulis":** it carries out information functions on academic and non-academic issues for students. It also constitutes a link between the students and the teachers and/or the decanal team. Information about the student's delegation is available at the following [link](#).
- **Computer loan:** computers can be borrowed in the library.
- **Dining room, coffee shop and reprography services.**
- **Graduate hall and Assembly Hall.**
- **Meeting room.**
- **WIFI throughout the area.**





Research laboratories

Research constitutes a fundamental pillar of the activity that is developed in the Faculty of Biology, which complements the teaching activity developed by the teachers in the different areas of biology.

The numerous laboratories of the faculty have modern scientific-technological equipment that makes possible the research at the highest level in the different specialities, including Botany, Cell Biology and Histology, Biochemistry and Molecular Biology, Animal Physiology, Plant Physiology, Genetics, Microbiology and Parasitology, Zoology, Soil Science, Ecology and Immunology among others. For more information, see the following link: <http://bioloxia.uvigo.es/en/research/research-groups>



Regulations for the use of Faculty facilities

1. The correct use of the resources available in the faculty will result in benefits in the academic activity. Use them responsibly and remember that they are limited and that we all pay them.
2. The damages and losses caused by the misuse of the facilities have a cost that we cannot afford. The money saved in maintenance will affect more and better resources for a quality education.
3. The classrooms are the place for the teaching activity. Facilitate this function by avoiding talking loudly in the corridors and/or performing any activity that disrupts normal operation.
4. The classroom is not a place to perform other activities (meetings, meals, phone calls...). The centre has spaces and services where complementary activities can be carried out. Use them properly.
5. The spaces dedicated to seminars, computers classrooms and videoconferencing classrooms are exclusively directed to the academic activity. Respect this function and do not use them for other purposes.
6. Teaching laboratories are oriented and equipped for practical teaching. It is mandatory to follow strict regulations for the use of available materials and resources, as well as to respect the rules of use established by the persons responsible for them.
7. The order and cleanliness of the facilities are essential for a good coexistence and for everyone to feel comfortable. Do not throw papers or debris on the floor, do not graffiti, do not mark the walls... Collaborate, you will also feel better.
8. There are many things you can do to make everything work better. If you are the last to leave the classroom, leave everything neat, turn off the lights and/or inform caretaker's office if necessary. Do not miss it, this also affects you. Think of yourself and your fellows.



9. The image and good reputation of the faculty are not innate. Your implication and effort to do it well will make us proud of what we are and what we can obtain. Reputation is achieved with tenacity, day by day.
10. If all of us (students, teachers, and support and services staff) respect these regulations, we will make this centre a more pleasant place and we will take better advantage of the resources to offer a better education. You can do a lot to help us progress.



The Degree in Biology

The Degree in Biology prepares to practice the profession of biologist, which is regulated in Spain according to the Royal Decree 1754/1998, 31st July. A biologist is a graduated in Biology, prepared for understanding the functioning and behaviour of living organisms, their origin, evolution and their relationship with the environment. The biologist tries to apply biological knowledge to the fields of medicine (biomedicine), industry and productive services (biotechnology), new technologies (bioinformatics) and the environment (biodiversity, control and management of the environment).

Biologists work and research in various areas:

- **Health:** clinical analysis, microbiology and parasitology, immunology, genetic advice, human reproduction, water and food analysis, risk assessment, phytosanitary and pathogen control, sanitary and environmental biotechnology, bioinformatics, etc.
- **Environment:** management and protection of the environment, audits, management of protected areas, environmental impact studies, species conservation, landscape restoration, waste and pollution management, ecological studies, etc.
- **Production and Quality:** animal and plant production and improvement, aquaculture, microbial biotechnology, pharmaceutical industry, agri-food analysis and traceability, product transformation, quality management in the productive sectors, etc.
- **Education and Teaching:** university, high school and professional training, occupational and company training, environmental education workshops, leisure and health, etc.
- **Research:** basic and applied research projects in biomedicine, biochemistry and molecular biology, genetics and genomics, immunology, bioinformatics, microbiology, cytology, botany, ecology, zoology, physiology, plant production, edaphology, etc.
- **Services:** museums and thematic parks, scientific dissemination, prevention of labour risks, valuation and expert opinion, etc.

Description of the degree

Area: sciences

Duration: 4 years

Basic training: 60 ECTS

Mandatory subjects: 126 ECTS

Optional subjects (includes external internships): 42 ECTS

Final degree project: 12 ECTS

Credits ECTS: 240

The studies leading to the degree of graduate in Biology are structured in four modules whose design and objectives are described in the following lines:



- **Basic Module. 60 credits. 1st year, 1st and 2nd semesters.**
Subjects from the first year that make up the basic education in science, with an emphasis on biology. Most of the subjects present very practical contents (laboratory, field, computer rooms and workshops) with which the students acquire the competences and skills that need to be developed in more specialized modules.
- **Mandatory Module: 120 credits. 2nd and 3rd year, 3rd, 4th, 5th and 6th semesters.**
Mandatory subjects that make up the essential core of biology. They cover the fundamental knowledge of animal and plant organisms and microorganisms, cellular and molecular elements, functional regulation, the mechanisms of interrelation between living beings and with their environment, and how this affects their distribution and abundance. These subjects are distributed in the second- and third-year courses, and all of them have theoretical teaching and extensive modules of practical teaching in small groups.
- **Optional Module: 42 credits. 4th year, 7th and 8th semesters.**
It is distributed in the two semesters of the fourth year and allows the student to complement its specialization through subjects that deepen knowledge and competencies that have a more professional approach. This module also includes the possibility of doing external internships in companies, research centres and other collaborating entities with which there is an academic agreement.
There are two blocks of optional subjects: i) those that form specific itineraries to obtain mentions, ii) those of a general nature. The mentions constitute a specialization that is based on matters of a field of knowledge or professional activity.
In the current plan 3 mentions are offered:
 - ✓ Mention in Biology applied to health. Delve into aspects of the health field, clinical analytics, infectious diseases and public health, human cytology and physiology, and genetics and molecular pathology.
 - ✓ Mention in Biology applied to production. Applies biotechnology to production systems, agri-food analysis, productive innovation and microbiology technology.
 - ✓ Mention in Biology applied to the environment. Applies the methodologies for the analysis of biological resources and ecosystems, the evaluation of environmental impact, the effects of global change on biodiversity, the conservation of species and the restoration of contaminated environments, among others.

To obtain one of the mentions offered in the degree, the student must take the 24 credits of the specific subjects of the mention and supplement them with 18 credits of general elective subjects or of the other mentions. There is also the possibility of staggered without mention, choosing 42 optional credits from all the subjects offered, without adhering to a specific mention, depending on the compatibility of schedules.

- **Project and End-of-Degree Project Module: 18 credits. 4th Year, 8th semester.**
It has the subject of Writing and Execution of Projects (6 ECTS credits) and the End-of-Degree Project of 12 ECTS credits that are carried out during the last semester of the Degree. This mandatory module will allow students to develop part of their educational activity in a practical way in the institution itself or external entities.



Structure of the Degree

BASIC MODULE (60 ECTS. Mandatory Nature)			
1ST YEAR			
1ST Semester		2ND Semester	
Evolution	6 ECTS	Soil, Aquatic Environment and Climate	6 ECTS
Physics of Biological Processes	6 ECTS	Laboratory Basic Techniques	6 ECTS
Geology	6 ECTS	Land Basic Techniques	6 ECTS
Mathematics applied to Biology	6 ECTS	Computer tools in biology	6 ECTS
Chemistry applied to Biology	6 ECTS	Biostatistics	6 ECTS
MANDATORY MODULE (120 ECTS. Mandatory Nature)			
2ND YEAR			
1ST Semester		2ND Semester	
Biochemistry I	6 ECTS	Biochemistry II	6 ECTS
Botany I: Algae and Fungi	6 ECTS	Botany II: Archegonia	6 ECTS
Animal and Plant Cytology and Histology I	6 ECTS	Animal and Plant Cytology and Histology II	6 ECTS
Microbiology I	6 ECTS	Genetics I	6 ECTS
Zoology I: Invertebrates non-Arthropods	6 ECTS	Zoology II: Invertebrates Arthropods and Chordata	6 ECTS
3RD YEAR			
1ST Semester		2ND Semester	
Ecology I	6 ECTS	Ecology II	6 ECTS
Animal Physiology I	6 ECTS	Animal Physiology II	6 ECTS
Plant Physiology I	6 ECTS	Plant Physiology II	6 ECTS
Genetics II	6 ECTS	Microbiology II	6 ECTS
Immunology and Parasitology	6 ECTS	Techniques in Cellular and Molecular Biology	6 ECTS
JOB EDUCATION MODULE			
4TH YEAR (*)			
Mention subjects and general elective subjects			
Mention: Biology applied to health			
Clinical Biochemistry and Immunology	6 ECTS	Integrative Cell Biology and Physiology: Implications for Health	6 ECTS
Sanitary Microbiology and Parasitology	6 ECTS	Human Genetics and Molecular Pathology	6 ECTS
Mention: Biology applied to production			
Agri-Food Analysis and Diagnosis	6 ECTS	Biotechnology Applied to Plant Production	6 ECTS
Biotechnology Applied to Animal Production	6 ECTS	Biotechnology Applied to Microbial Production	6 ECTS
Mention: Biology applied to the environment			
Environmental Analysis and Diagnosis	6 ECTS	Biodiversity: Management and Conservation	6 ECTS
Environmental Impact Evaluation	6 ECTS	Management and Conservation of Spaces	6 ECTS
General Elective Subjects			
Quality Management and Control	6 ECTS 1 st Semester	Bioinformatics	6 ECTS 2 nd Semester
Pollution	6 ECTS 2 nd Semester	External Internships	6 ECTS 2 nd Semester
Project and End-of-Degree Project			
Drafting and Execution of Projects	6 ECTS 2 nd Semester	End-of-Degree Project	12 ECTS 2 nd Semester

(*) Students must study 36 ECTS of the elective subjects of the course of the total of credits offered. It is possible to accept 6 ECTS for academic recognition.



The structure of the Programme of Studies of the Degree in Biology is available in this link: [study programme](#).

Curricular External Internships

The curricular external internships are aimed at completing and reinforcing the competences associated with the degree. The internships will be carried out in a real labour and professional environment related to some of the areas of biology, always under the supervision of a tutor of the collaborative entity and an academic tutor in the Faculty of Biology.

The subject External Internships is optional and takes place in the second semester of the 4th year of the Degree. The internships provide a professional view of the contents of the studies and allow direct contact between the faculty and the professional world.

Nowadays, there are many agreements with more than 90 companies, institutions and organisms that allow students to choose from a wide range of options in the areas of health, environment, biotechnology, research, development and innovation, education and others.

Project and End-of-Degree Project

In the subject named Drafting and Execution of Projects, students will learn the methodology and basic aspects for the elaboration of a project related to the professional field of the biologist.

The aim of the End-of-Degree Project is for students to implement knowledge as well as the skills and abilities acquired throughout their academic education. It is based on the realization of a project related to some of the multiple labour areas of a biologist, always under the supervision of an academic tutor. It will be carried out in the laboratories of the faculty or in companies and other external institutions that the Faculty has an agreement with. The End-of-Degree Project will be presented through a written memory and will be defended orally in front of a jury.

For more information about the End-of-Degree Project, click in the following link: [End-of-Degree Project](#)

Academic Coordination in the Degree

Degree Coordinator

In the Degree in Biology, there is the leading figure of the degree coordinator that is held by the Dean of the Faculty. His/her main function is the vertical coordination of all the years of the Degree.

Year coordinators

For each year, there is the main figure of a coordinator, a position held by a teacher of the degree. For the year 2024-25 the year coordinators are the followings:



Year	Coordinator	e-mail	Office's location
Tutoría-coordinación 1º de grado: 302 2425-11460_PAT1	Mª Fuencisla Mariño Callejo	mmarino@uvigo.gal	Block B, 2 nd floor, LI47
Tutoría-coordinación 2º de grado: 302 2425-11460_PAT2	Manuel Megías Pacheco	mmegias@uvigo.gal	Block B, 3 rd floor, D22
Tutoría-coordinación 3º de grado: 302 2425-11460_PAT3	Raúl Iglesias Blanco	rib@uvigo.gal	Block A, 3 rd floor, L38
Tutoría-coordinación 4º de grado: 302 2425-11460_PAT4	Emma Fernández Covelo	emmaf@uvigo.gal	Block B, 3 rd floor, D21

Subject's coordinators of the Degree

In the following tables, there is information about the different subject's coordinators of the Degree in Biology for the year 2024-25. If you want information about the rest of the teaching staff of the other subjects, you can consult it in this [link](#).

1st year

Subject	Coordinator	e-mail	Office's location
Evolution	Rolán Álvarez, Emilio	rolan@uvigo.gal	Block B, 3 rd floor, LI51
Physics of Biological Processes	Ulla Miguel, Ana Mª	ulla@uvigo.gal	Block C, 3 rd floor, D53
Mathematics applied to Biology	Sanmartín Carbón, Esperanza	esanmart@uvigo.gal	Block C, 2 nd floor, D2 Economic Fac. D117
Chemistry applied to Biology	Domínguez Seoane, Marta Salonen, Laura (inglés)	mseoane@uvigo.gal lauramaria.salonen@uvigo.gal	Block E, 2 nd floor, D12 CINBIO, polyvalent 2
Geology	Francés Pedraz, Guillermo	gfrances@uvigo.gal	Block C, 3 rd floor, D45
Soil, Aquatic Environment and Climate	Soto González, Benedicto	edbene@uvigo.gal	Block A, 3 rd floor, LI36
Land Basic Techniques	Serret Ituarte, Pablo	pserret@uvigo.gal	Block B, 3 rd floor, D4
Laboratory Basic Techniques	Gil Martín, Emilio	egil@uvigo.gal	Block B, 3 rd floor, D12
Computer Tools in Biology	Carvajal Rodríguez, Antonio	acraaj@uvigo.gal	Block C, 2 nd floor, D31
Biostatistics	Sánchez Rodríguez, Mª Estela	esanchez@uvigo.gal	Office 235 Economic Fac.

2nd year

Subject	Coordinator	e-mail	Office's location
Biochemistry I	Suárez Alonso, María Pilar	psuarez@uvigo.gal	Block B, 3 rd floor, LI56
Botany I: Algae and Fungi	García Molares, Aida	molares@uvigo.gal	Block C, 3 rd floor, D41
Animal and Plant Cytology and Histology I	Megías Pacheco, Manuel Pérez Fernández, Juan (inglés)	mmegias@uvigo.gal jperezf@uvigo.gal	Block B, 3 rd floor, D22 Block A, 3 rd floor, D30
Microbiology I	Bodelón González, Gustavo	gbodelon@uvigo.gal	Block C, 3 rd floor, D49
Zoology I: Invertebrates non-Arthropods	Mariño Callejo, Mª Fuencisla	mmarino@uvigo.gal	Block B, 2 nd floor, LI47
Biochemistry II	Suárez Alonso, María Pilar	psuarez@uvigo.gal	Block B, 3 rd floor, LI56
Botany II: Archegonia	García Molares, Aida	molares@uvigo.gal	Block C, 2 nd floor, D41
Animal and Plant Cytology and Histology II	Molist García, Mª del Pilar	pmolist@uvigo.gal	Block A, 2 nd floor, L28
Genetics I	Quesada Rodríguez, Humberto (Spanish) Pérez Diz, Ángel Eduardo (English)	hquesada@uvigo.gal angel.p.diz@uvigo.gal	Block B, 3 rd floor, D23 Block C, 3 rd floor, D23
Zoology II: Invertebrates Arthropods and Chordata	Iglesias Briones, Mª Jesús (English) Mato de la Iglesia, Salustiano (Spanish)	mbriones@uvigo.gal smato@uvigo.gal	Block B, 2 nd floor, D5 Block B, 2 nd floor, D6

3rd year

Subject	Coordinator	e-mail	Office's location
Ecology I	González Castro, Bernardino	bcastro@uvigo.gal	Block C, 2 nd floor, D36
Animal Physiology I	Lamas Castro, José Antonio	antoniolamas@uvigo.gal	Block A, 2 nd floor, I24
Plant Physiology I	González Rodríguez, Luis	luis@uvigo.gal	Block A, 1 ^a floor, D3
Immunology and Parasitology	González Fernández, África	africa@uvigo.gal	Block C, 2 nd floor, D34
Ecology II	Pardo Gamundi, Isabel	ipardo@uvigo.gal	Block B, 2 nd floor, LI41
Animal Physiology II	Soengas Fernández, José Luis	jsoengas@uvigo.gal	Block A, 2 nd floor, LI25
Plant Physiology II	Rey Fraile, Manuel	rsantiago@uvigo.gal	Block A, 1 ^a floor, LI18
Genetics II	Caballero Rúa, Armando (Spanish) Carvajal Rodríguez, Antonio (English)	armando@uvigo.gal canhavaj@uvigo.gal	Block B, 3 rd floor, D14 Block C, 2 nd floor, D30
Microbiology II	Combarro Combarro, M ^a Pilar	pcombarro@uvigo.gal	Block B, 3 rd floor, D16
Techniques in Cellular and Molecular Biology	De Carlos Villamarín, Alejandro	adcarlos@uvigo.gal	Block C, 3 rd floor, D45

4th year

Subject	Coordinator	e-mail	Office's location
Agri-Food Analysis and Diagnosis	Iglesias Blanco, Raúl	rib@uvigo.gal	Block A, 3 rd floor, LI38
Biodiversity: Management and Conservation	Garrido González, Josefina	jgarrido@uvigo.gal	Block B, 2 nd floor, D8
Biotechnology Applied to Animal Production	Soengas Fernández, José Luis	jsoengas@uvigo.gal	Block A, 2 nd floor, LI25
Biotechnology Applied to Microbial Production	Sieiro Vázquez, Carmen	mcsieiro@uvigo.gal	Block C, 3 rd floor, D52
Biotechnology Applied to Plant Production	Barreal Modroño, Esther	edesther@uvigo.gal	Block A, 1 ^a floor, LI20
Clinical Biochemistry and Immunology	González Fernández, África	africa@uvigo.gal	Block C, 2 nd floor, D34
Environmental Analysis and Diagnosis	Delgado Núñez, Cristina	cdelgado@uvigo.gal	Block C, 1 ^o floor, LD14
Environmental Impact Evaluation	Olabarria Uzquiano, Celia	colabarria@uvigo.gal	Block B, 2 nd floor, D43
Human Genetics and Molecular Pathology	Valverde Pérez, Diana	dianaval@uvigo.gal	Block B, 3 ^a floor, D11
Integrative Cell Biology and Physiology: Implications for Health	Míguez Miramontes, Jesús M.	jmmiguez@uvigo.gal	Block A, 2 nd floor, LI31
Management and Conservation of Spaces	Calviño Cancela, María	maria@uvigo.gal	Block C, 2 nd floor, L60
Quality Management and Control	Gallardo Medina, Mercedes Cal Arca, Ángela María	medina@uvigo.gal angela.cal@uvigo.gal	Block A, 1 ^a floor, LI17
Sanitary Microbiology and Parasitology	Combarro Combarro, M ^a Pilar	pcombarro@uvigo.gal	Block B, 3 rd floor, D16
Bioinformatics	Posada González, David	dposada@uvigo.gal	Block C, 2 nd floor, D31
Drafting and Execution of Projects	Gallego Veigas, Pedro Pablo González Cespón, Jose Luis	pgallego@uvigo.gal epi@uvigo.gal	Block A, 1 ^a floor, LI20 Esc. Ing. Industrial (sede ciudad), 1 ^a floor 0, D124
External Internships	Pérez Fernández, Juan	jperezf@uvigo.gal	Block A, 2 nd floor, D30
Pollution	Fernández Covelo, Emma	emmaf@uvigo.gal	Block B, 3 rd floor, D21
End-of-Degree Project	Míguez Miramontes, Jesús M.	jmmiguez@uvigo.gal	Block A, 2 nd floor, LI31



Mobility Programmes

SICUE

The SICUE is a programme that allows one academic year or one semester in another Spanish university with an exchange agreement, that requires the academic recognition of the subjects approved at the destination centre.

For more information about the [SICUE](#) programme, click on the link.

ERASMUS

The ERASMUS programme is a programme that allows one academic year or one semester in a European university with an agreement, that requires the academic recognition of the subjects approved in the foreign centre.

For more information about the [ERASMUS](#) programme, click on the link.

ISEP

This programme allows for one academic year or one semester in a US university with an agreement.

For more information about [ISEP](#) programmes, click on the link.

Own Scholarships

The University of Vigo has its own exchange Scholarships, depending on the different agreements with universities around the world. Vacancies offered change from one degree to another.

For more information about these scholarships, click on the following link: [own scholarships](#)

Free Mobility

This programme has the specific objective of promoting the international mobility of students, supporting during this process the individual initiatives of the students and facilitating the additional mobility means different from the already established institutional mobility programmes and agreements. The regulations of the UVI about this programme can be found in the following link: [free mobility](#)

You can find more information about international mobility in this link on the web of the Faculty of Biology <http://bioloxia.uvigo.es/en/students/mobility-programmes/international-mobility>



MAP-AENAE

The Mentoring Action Programme (MAP-AENAE) of the Faculty of Biology is configured as the instrument through which the content and the execution of the different actions related to the university tutorial is designed. This supposes the overcoming of the specifically academic model, more concerned with the transmission of knowledge and the commitment to an educational model where the other socio-educational functions converge and that are based on reciprocal relationships and interactions tutor-student, student-student, etc.

With this plan, it is expected to consolidate a line of tutorial action coherent with the needs of the students, normalising the different actions and achieving an adequate balance between the expectations of the students and the objectives from the framework of the European Higher Education Area. In this sense, the Plan tries to give coherence to one of the principles of the Quality Assurance System of the Faculty of Biology: the adaptation of teaching and learning methods and de acquisition of competences, attention to diversity, guidance to learning, etc.

In the Degree in Biology, the TAP is developed from 2009-10, covering all the years of the study programme. Nowadays, the Degree has 36 tutors who hold scheduled meeting with a small number of students (6-8 each tutor) that participate voluntarily in the TAP activities. Within these activities there are also various vocational guidance contents in the last year of the degree.

Within the TAP, special attention is paid to diversity, guaranteeing the development of actions aimed at students with specific needs that will be assigned by the PIUNE coordinator to one of the TAP tutors.

The Tutorial Action Plan is available in this [link](#).



Academic Schedule

The school period of the Faculty of Biology, according to the calendar of the University of Vigo, begins in September and ends in July, with a division of the year in two semesters. The official School Schedule for 2024-25 is available at the following link: [academic schedule year 2024/25](#)

2024 September						
L	M	Me	X	V	S	D
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

2024 October						
L	M	Me	X	V	S	D
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

2024 November						
L	M	Me	X	V	S	D
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

2024 December						
L	M	Me	X	V	S	D
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2025 January						
L	M	Me	X	V	S	D
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

2025 February						
L	M	Me	X	V	S	D
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

2025 March						
L	M	Me	X	V	S	D
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

2025 April						
L	M	Me	X	V	S	D
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

2025 May						
L	M	Me	X	V	S	D
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

2025 June						
L	M	Me	X	V	S	D
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

2025 July						
L	M	Me	X	V	S	D
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Degree records period

FDC: 13 September - 8 November

1° semester: 5 December - 14 February

2° semester: 7 April - 27 June

July: 2 July - 21 July

Start/end 1 st semester
Start/end 2 nd semester
Zero Week Activities, 1 st Year

Non-school period

Holidays
San Albarte Magno
Sto. Tomás de Aquino

Schedule of educational activities

The schedules of activities (theory, practice, seminars, tutorials, etc.) of all the subjects included in each year are approved before the start of the year by the Faculty Board.

For the year 2024-25, the schedules of the different subjects are available in the following link: [Degree schedules](#)

Schedule of exams and calls

Ordinary call

Following the regulations of the University of Vigo, the qualifications have only one grade per academic year, even though it is made in evaluation steps, one at the end of each semester and another in July. The latter will allow students to retake the subjects.

Three periods are established for the execution of the evaluation tests:

- December-January; 1st semester.
- May-June, 2nd semester.
- July, second opportunity for both semesters.



The Faculty Board approved the specific dates of the exams for the Degree in Biology in the year 2024-25. This information is available in the following link: [Schedule of exams of the Degree](#)

End-of-degree extra call

This option is for those students who have left a maximum 24 ECTS to complete their studies (the credits of the End-of-Degree Project will not be considered). It is an essential requirement to have been previously evaluated in these contents and that students had been enrolled in the End-of-Degree Project in previous years.

Student's secretary

The administrative procedures (enrolment, record, certifications, etc.) are carried out through the student's secretary of the centre. Phone: 986 812 555

It is also possible to perform various administrative tasks (self-enrolment, request for certifications and records, etc.) through the [virtual secretary of the University of Vigo](#)

Enrolment

All the information related to the enrolment in the University of Vigo is available in the following link: [enrolment](#).

In this link, there is information about regulations, news, periods, specific requirements of the degrees, required documentation, etc.

Enrolment modification

The information related to the enrolment modification is available in the enrolment call, accessing [here](#).

Enrolment cancellation

The information related to enrolment cancellation is available in the enrolment call through this [link](#).

Recognition of credits for extra-academic activities

Students will obtain the academic recognition of maximum 6 credits for the participation in university activities. These activities can be cultural, sportive, student representation, volunteer and cooperation. The recognised ECTS will be added to the record of the student and to the European Diploma Supplement.

The regulation of the University of Vigo on the recognition of credits for activities and procedures are available at this link:

http://secxeral.uvigo.es/opencms/export/sites/secxeral/secxeral_gl/galeria_descargas/normativa_reconecemento_creditos_por_actividades_en_titulacions_oficiais_de_grao.pdf

Stay

The regulations on the stay at the University of Vigo are available in the following link: [stay](#).



Teleteaching Service Moovi

The University of Vigo has a teleteaching service from where you can access the teaching platforms of the different subjects and coordination platforms of the different years. Once the enrolment is signed, you can access that platform, where you will find information about your subjects. Link: <https://moovi.uvigo.gal/>

In the year coordination platform (1st grade tutoring-coordination, 2123-V02G031V01_PAT1) you will have information about timetables, practice groups, courses and any other information that is considered relevant for the development of the course.

Regulation of students at the University of Vigo

It is important to know the rights and obligations of the regulation of students. This regulation guarantees a quality education and a fair evaluation, the rights to review and contest the exams, the right to intellectual property, the right to receive information and educational guidance, as well as your duty to respect the University heritage, comply with academic obligations and current legislation according to the statutes of the University of Vigo and the regulations that develop them.

The regulation of students of the University of Vigo is available in this [link](#).



Quality Management of in the Degree in Biology

The University of Vigo has as one of its priority objectives “To reach the highest levels of quality in teaching and research”.

According to this, the academic degrees incorporate various mechanisms that allow the management and evaluation of educational activities and services for the students.

The Faculty of Biology has different tools that allow the control of educational quality through the planning of the educational offer, its evaluation and review of its development. These tools favour decision-making for the implementation of actions to improve teaching so that students receive the available resources and the teaching and support staff. All this is included in the Internal Quality Assurance System (QAS) that has:

- Various documented procedures for the control and improvement of academic activities and services available in the Faculty of Biology. They cover all aspects related to the development of the degree, such as:
 - Mechanisms for the planning and development of teaching.
 - Promotion and recruitment plans.
 - Admission criteria.
 - Teaching of subject and degree guides.
 - Academic actions of coordination.
 - Guidance actions for students.
 - Management of material resources and services.
 - Tools for the measurement and analysis of results.
- A procedure for the management of complaints and suggestions, with available forms ([link](#)) for the different groups of interest that develop their activity in degrees of the centre.
- Conduct teaching satisfaction surveys at the end of each academic year. The different collectives of the degree participate in these surveys expressing their valuation of the activities developed and the available resources. This allows the continuous implementation of improvement plans that help to achieve higher levels of quality in the degree.



Postgraduate Studies

To complete the education of graduated students, the Faculty of Biology of the University of Vigo has a wide range of postgraduate studies that include different job education and research master's degree aimed at providing students with an advanced education, either for their insertion in the labour world or for their access to a PhD programme to achieve the title of Doctor.

Nowadays, the Faculty of Biology has 7 official master's degrees that cover a wide variety of contents that allow the biologist's education to be completed. It also includes a master's degree in teaching training that prepares teachers for high school and vocational education.

Below, it is the list of masters offered by the faculty for the 2024-25 academic year. In the corresponding web addresses, you can consult in detail the specific information of each degree:

- [Master's degree in Aquaculture](#)
- [Master's degree in Marine Biology](#)
- [Master's degree in Advanced Biotechnology](#)
- [Master's degree in Neuroscience](#)
- [Master's degree for Teaching Training in Secondary Education, A levels, Vocational Education and Language Education.](#)
- [Master's degree in Terrestrial Biodiversity](#)
- [Master's degree in Genomics and Genetics](#)



Research in the Faculty of Biology

Research is an important activity of the Faculty of Biology. The research activity is carried out by different Research Groups composed of researchers working in different areas of biology.

The faculty has laboratories for different specialities that are equipped with modern scientific-technological equipment that makes possible the research at the highest level. The specialities of our laboratories include Botany, Cellular Biology and Histology, Biochemistry and Molecular Biology, Animal Physiology, Plant Physiology, Genetics, Microbiology and Parasitology, Zoology, Soil Science, Immunology and others. Likewise, the research groups established in the faculty has the scientific support of other centres of the University of Vigo, such as CACTI (Assistance Centre for Scientific and Technological Research) and ECIMAT (Toralla Marine Science Station). Several research groups are integrated in the Campus del Mar (Campus of the Sea), which recently has obtained the mention of Campus of International Excellence. More information in the following link:

<http://bioloxia.uvigo.es/gl/investigacion/centros-e-laboratorios>

Therefore, students who enter the Faculty of Biology are integrated into a scientific space where excellence research is carried out with a great national and international projection. The scientific production of our research Groups, where the teaching and research staff is, is high and materialises in numerous Doctoral Thesis, books, scientific articles, reports, conferences and communications to congresses, whose number and quality improve every year.

Students can access the work made in the Research Groups through different ways, particularly during the last year of the degree in the subject End-of-Degree Project, where with the support of a tutor they can develop small research projects in thematic lines that are proposed by the teachers. Another way of access is through the collaboration scholarships that different official organisms (Galicia Government, MEC) offer for the start of the scientific career.

After obtaining the graduate degree, students can direct their professional future towards the research activity through the various master's degrees and PhDs offered by the Faculty of Biology and/or offered by other national and international centres.



Library

Physically present in the three campuses of the University of Vigo (Vigo, Orense and Pontevedra), the University Library has in each one a central library and many rooms distributed for the schools and faculties that compound the University. Their services include consultation in the room, the checkout loan, bibliographic information, electronic resources and interlibrary exchange. In 2007, the University Library received the ISO:9000 quality certification, which places it at the forefront of the Spanish universities.

Information about loan of the library, as well as the schedules of the University Central Library are available on the [general information website of the library service](#).



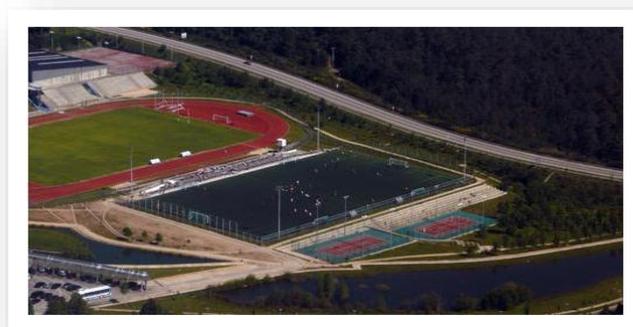
The library offers first-year students a welcome session at the beginning of the year to explain its functioning.

Students need to have the university card to borrow books or articles from the library.

Sports

The University of Vigo has modern sport facilities for conducting guided activities, as well as for sports. In addition to other activities offered at the University of Vigo, students can choose between football, futsal, basketball, tennis, rugby, climbing, etc.

All sports information of the University of Vigo is available at the following link: [Sport Service](#).



Culture

The University of Vigo develops a wide variety of cultural activities during the year: photography contests, painting, musical demos, university extension courses, music workshops, photography, theatre, exhibitions, university choir, etc. For further information, click [here](#).



University Card

Its objective is to identify the members of the university community and may be required in any installation of the University of Vigo. The owner identifies with personal information and a photo. It also indicates the collective to which the person belongs to (student, PDI; PAS...)

It has a chip with additional information for its use in different services and a barcode used in the University libraries. The card has a personal identification number that identifies the user.



You can request it at any time in the Santander Offices of the campus with a photo. During the enrolment period, the form is available at the entrance of the faculty. Office hours are Monday through Friday from 9:00 to 14:00 and from 16:00 to 19:00. In August, it is open from 9:00 to 14:00.

It is not necessary to renew it every year.

What can you use the card for?

- University certification
- Access to facilities and computers in the computer rooms
- Book loans
- Sports card
- Electronic purse (if requested)
- Electronic signature

For more information, consult the link: <https://www.uvigo.gal/en/campus/advantages/university-card>

Email of the University of Vigo

The University of Vigo makes available to the university community (PAS, PDI and students) user accounts in the **uvigo.gal** domain for all staff.

The Computer Services staff of the University of Vigo manage the accounts of these domains.

The user counts are held in accordance with the regulations on the use of services published on the [ATIC website in the normative section](#).

Related links:

[Access to Email web](#)

[More information about the Email @uvigo.gal](#)

It is convenient and advisable to have an account with the domain **alumnos.uvigo.gal** because many teachers only respond to these accounts. In addition, Hotmail has problems with the Email service, so it is recommended to modify this email account.

Remember that, if you are a student at the University of Vigo, you have automatically created an account with the domain **alumnus.uvigo.gal**.



Scholarships and Job

The University of Vigo has a complete programme of scholarships and grants for students who take the degree or master's degree: exchange programmes scholarships (Erasmus, own scholarships, etc.), residency and dining scholarship, etc. Likewise, those students who decide to continue their training with research will also have different scholarship offers, both from the University of Vigo and from different regional and local calls.

To support integration into the labour market, the University has the UVIGO Foundation service (FUVI), which is responsible for the management of non-curricular external pre-professional internships, as well as announcements and job offers focused on graduates (or last year) University students. It also organises courses and active workshops for job search and has a career guidance area to inform and assist in job search (creation of the CV, cover letters, job interviews, etc.).

Links of interest:

- [Scholarships of the University of Vigo.](#)
- [University of Vigo Foundation.](#)
- [Job area.](#)

Transport

The municipal transport company maintains the communication of the University with the city throughout the year. It is reinforced during the school period with a fluid bus system. The schedules and lines of public transport are available on its [webpage](#).

There are vehicles from the University of Vigo that offer the possibility of moving around the University Campus (Circular bus every hour between 9:00 and 14:00).

School Insurance

The University of Vigo students are covered by a school insurance that is paid with the enrolment so that there is no additional cost. For more information, check this [link](#).

Psycho-pedagogical Office

The psycho-pedagogical office is assigned to the University Extension service. It offers information, advice and education both in the personal and academic fields. For more information, check this [link](#).

Medical Centre

A doctor and a graduate in nursing manage the [medical centre](#) of the campus of Vigo in a building next to the central library.

Phone: 986 813 451

Schedule: Monday to Friday; from 8:30 to 14:00 and Monday to Thursday; from 15:00 to 17:00.



Courses

Through this [link](#) you can access offers of different courses: language courses and complementary educational activities, etc. that are developed during the academic year. In addition, you will have information on the coordination platform (see below) of all those that may be of your interest.

Other Services

In addition to the aforementioned, the University has other complementary activities and services such as: Economic Services, Communication and Information Technologies Area, Legal Advice Service, University Extension and Voluntary Service, International Relations Office, etc. You can consult the complete list of services in the following links:

- [Administration and Services.](#)

Contacts of interest at the University of Vigo

Webpage <http://www.uvigo.gal/en>

Phone office: 986 81 20 00

General information: 986 81 36 00

Information for students: 986 81 36 30

General register: 986 81 39 02

Register of the Campus of Vigo: 986 84 36 10

[Guarantee Court](#): 986 81 38 30; tgarant@uvigo.gal

Cultural activities: 986 81 63 03; 986 81 63 26; vicext@uvigo.gal

Sport activities: 986 81 21 82; 986 81 22 04; deportes@uvigo.gal

Student service: 986 84 36 07; 986 84 36 09; xsadal@uvigo.gal

Scholarships: 986 19 99; 986 81 36 12; bolsas@uvigo.gal 986 19 99; 986 81 36 12 bolsas@uvigo.gal



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www.biologia.uvigo.es

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