

Sustainability Report 2022

ORT
UNIVERSIDAD ORT
Uruguay



MESSAGE FROM THE RECTOR

I am pleased to share with you some of the activities carried out during 2022. I trust that this selection conveys a representative image of the diversity of our academic life. During 2022, the Architecture program received, for the third time, the ARCU-SUR accreditation, the System of Regional Accreditation of Mercosur University Careers. In turn, Systems Engineering obtained its first ARCU-SUR accreditation, after appearing in the first call authorized for that career. ORT was again ranked among the top 500 universities in the world by QS World University Rankings. Likewise, ORT is the only Uruguayan university present in the Times Latin American ranking Higher Education (THE Latin America University Rankings), for the third consecutive year. At the same time, for the fourth time, was highlighted in the Sustainability ranking THE Impact Rankings, which measures the achievements of universities with relation to the 17 Sustainable Development Goals (SDG) of the United Nations. The Eduniversal Best Masters Rankings once again ranked six postgraduate degrees from the Business School among the best in the region of Postgraduate Studies in Business. The MBA is once again among the best in Latin America according to the QS Executive MBA Ranking, for third consecutive year. The MBA reached its best position history in the ranking of América Economía magazine, where it was ranked 16th in the Latin MBA Ranking 2022. For more than 25 years it is the only Uruguayan MBA present in the classification. Since March, the university has had the new ORT Rambla academic space. It is a strategically located site, with the most modern technology, where postgraduate and executive education courses are taught. Characterized by its accessibility, it has spacious rooms, acoustically conditioned, with excellent luminosity and a privileged view. The Sustainable Development Monitor (MDS), created by the Chair of Management and Accounting for Sustainable Development - Deloitte of the School of Management and Social Sciences, with the support of DERES, obtained the "Sustainable Uruguay" National Award for the Environment in the HEI category. It was delivered by the President of the Republic, Dr. Luis Lacalle Pou. The MDS provides companies with seventeen indicators to measure their progress towards sustainability in three dimensions: environmental, social and economic/governance.



Dr. Fernando Paganini, vice dean of research and professor of Telecommunications Theory at the School of Engineering, and Dr. Sergio Yovine, professor and academic coordinator of Artificial Intelligence and Big Data at the same School, make up the ranking of 2% of researchers most prominent in the world for the impact of their publications, according to the publication "Updated science-wide author databases of standardized citation indicators", conducted by Dr. John Ioannidis, Professor of Medicine at Stanford University.

During 2022, 1.473 professionals graduated. A total of 42 academics from our university were categorized as active researchers by the National System of Researchers. This year, 110 foreign students took courses at our university and another 59 participated in the framework of the University Study Abroad Consortium programs, made up of more than 30 universities in the United States, of which our university is a hostess. In turn, 229 of our students completed semesters at universities in Germany, Belgium, Canada, South Korea, Spain, the United States, Finland, France, Israel, Italy, Netherlands, Portugal, United Kingdom, Sweden and Turkey. We are proud of our history, but our focus is on the future. We do not know what that future will be like, but whatever it is we are committed to continue providing the best possible education to Uruguayans.



Dr. Jorge Grünberg

THE SDGS IN NUMBERS

OUR PROGRESS



*4652 total students in 2022 compared to 4560 in 2021.
1286 students started a degree in 2022 and 1286 in 2021*



*55% male MBA students and 45% female MBA students in 2022
60% male MBA students and 40% female MBA students in 2021*



*620 first/generation students started a degree in 2022
compared to 519 in 2021.*



*During 2022, 80.69 tons of waste were generated, of which
almost 11 were recycled. A decrease in the total waste
generated is observed, which in 2017 was 143 tons per year.*



*94% of the of our total energy used for campus electricity was
from renewable resources as Uruguay gets 94% of its energy
from renewables.*



*The Sustainable Development Monitor prepared together
with Deloitte and DERES (Companies for Sustainable
Development) got the National Award for the Environment.*

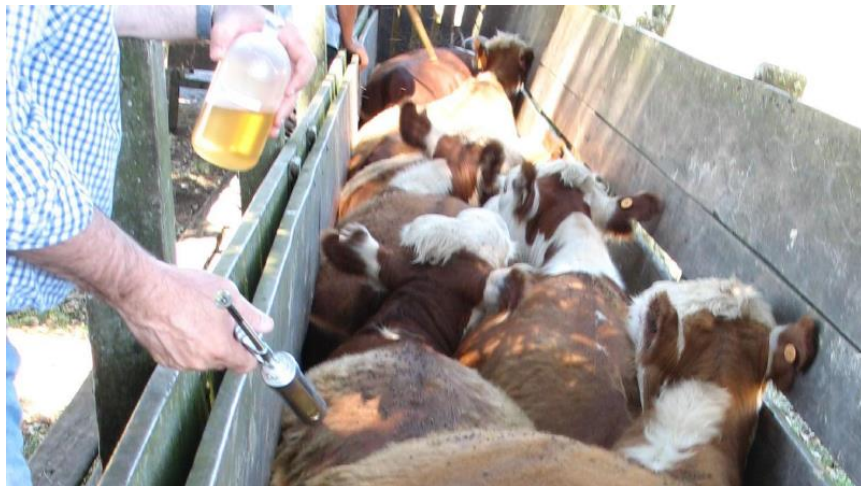
PREPARED FOR TIME OF CHANGE AND UNCERTAINTY

HEALTH

3 GOOD HEALTH
AND WELL-BEING



The Department of Biotechnology of ORT and the CBI+I, which operates at the university, developed, together with the La Buena Estrella veterinary laboratory, the first vaccine capable of effectively combating the native ticks that attack productive livestock in Uruguay. It emerges as a harmless alternative to the chemical products that are used today and generate side effects not only in the environment, but also in the animals themselves—which affects the quality of meat and milk. Ticks are conquering more and more land in the Uruguayan countryside and in



greater numbers. Faced with the need to stop the sustained advance of the parasite, the La Buena Estrella veterinary laboratory knocked on the door of the ORT Uruguay University to find a partner to accompany it in the search for a harmless tool (with animals and the environment) and effective in the fight against ticks on livestock.

All the schools of the University, depending on their careers and subjects, have established for the beginning of March 2021 an action protocol, capacity and a grid of face-to-face, semi-face-to-face or blended, distance or online dictations and HyFlex®, to maximize the protection of the health of students, teachers and officials.

Hybrid: The courses are taught simultaneously with face-to-face and online modality. In some cases, students can freely choose which modality to attend. HyFlex® is a state-of-the-art hybrid case. The HyFlex® modality courses are mostly synchronous, taught in person and online simultaneously.



They require a combination of technology, logistics, teacher training, and curriculum planning that allows the student the flexibility to decide whether they prefer to participate in person or remotely throughout the course. It involves audio and video technology specially integrated for this solution, using robotic cameras and multiple audio and video channels with optimal quality for image and sound transmission, and for the active participation in class of face-to-face and remote students.

*100% of faculty and students trained to use HyFlex®
100% of the School of Management and Social Sciences
equipped with HyFlex®.*

OUR NEW DEGREES

TECHNOLOGY AND

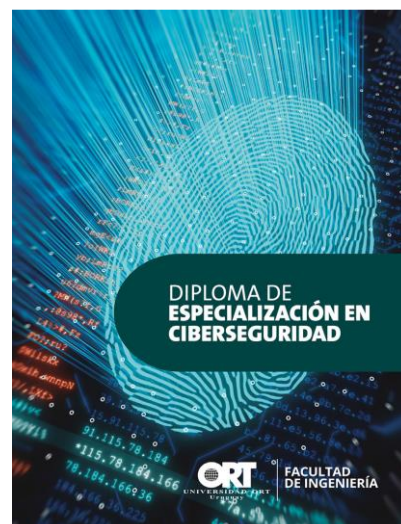
VALUE CHAIN

Master in Creativity, Innovation and Communication (2 years): Prepares professionals to assume team leadership that provide differential value in companies, organizations or projects, from trend analysis, creative application of technologies and the management of innovative product developments, services or processes.

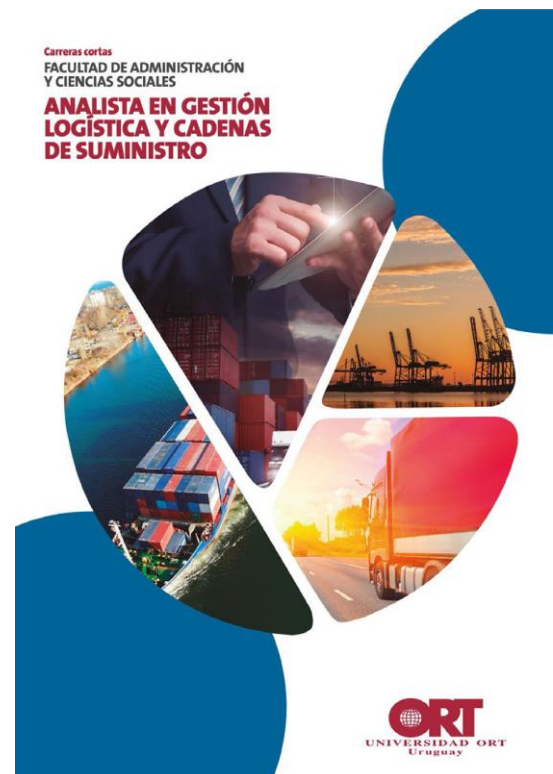


Master in Digital Business blended (2 years): In the context of the challenges posed by the digital economy, this postgraduate degree offers tools to acquire a comprehensive vision of business, thus allowing solutions to be developed for problems complex, generate a positive impact and lead processes of transformation in this area.

Specialization Diploma in Cybersecurity (1 year): Train professionals in the skills and competencies necessary to detect, evaluate and reduce the risks associated with cybersecurity, using innovative strategies, technologies adequate and effective performance in this sensitive area.



Analyst in Logistics Management and Supply Chains (2 years): It allows you to acquire comprehensive training and training in the competencies and skills required to occupy the different jobs in the logistics sector, both to work in both nationally and internationally.



Master in Taxes and Taxation International (2 years): Provides the knowledge essential for effective management taxes in a company and allows specialization and update on aspects specific to functional management of the area in which they work participants.



Target 4.7: By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development.

OUR SUSTAINABLE CAMPUS



ORT is carrying out actions that allow it to recycle part of the waste generated by the institution in the more than 25,000 m² that its Centro and Pocitos campuses occupy.

Universidad ORT Uruguay managed to recycle almost 11 tons of waste in 2022

Throughout the year, the efforts of the campaign called ORT Recicla continued, which seeks to generate environmental awareness among students and officials of the institution.

The ORT Recicla campaign, which emerged in 2016 from the objective of improving the institution's waste management and following a path of environmental awareness, was consolidated in 2019 with the inauguration of the Environmental Management area, focused on monitoring waste recycling and proposals for responsible consumption.



What we promote within the university is a change of consciousness, that an ORT graduate may be surprised to start working in a place where there is no waste classification, and that they themselves be the drivers of that type of change. It is another part of university education, that they see in their daily lives concrete actions in favor of caring for the environment. Recycling is a part of something bigger, which is the objective of the ORT Recicla program, to generate environmental awareness in students and officials. For this, it is essential that there be concrete actions and keep the communication campaign active, providing information and new dissemination content.

The university is also part of the National Waste Management Plan (PNGR) called “Uruguay + Circular”, a collective instrument headed by the Ministry of the Environment for strategic planning at the national level for the next 10 years, which is It proposes, broadly speaking, **to stop talking about waste and talk about resources**

During 2022, 80.69 tons of waste were generated, of which 10.53 were recycled:

8.70 tons of paper and cardboard were donated to the non-governmental organization REPAPEL

0.88 tons of PET bottles and HDPE drums were managed by the company ECOPET

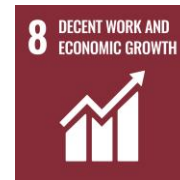
0.95 tons of WEEE and iron scrap were managed by WERBA and Filmetal.

With the proposed reduction and recycling strategies, a decrease in the total waste generated is observed, which in 2017 was 143 tons per year.

ON CAMPUS ACTIONS



HackORT Contest: My Sustainable High School: The Faculty of Engineering organized the first edition of the competition HackORT: My Sustainable High School, challenge aimed at high school students 5th and 6th year of secondary school of any orientation. The contest, which had 53 registered, consisted of several stages. The students participated in workshops on Innovation and Creativity, Sustainability, Arduino and Programming. The winners were Luciana Arancet, Javier Pena and Nanami Cabrera from the Liceo Militar General Artigas, who presented the EcoFit proposal. The project is based on reducing the impact of climate change and helping new generations to have healthy habits, since they propose store, through batteries, the energy they spend doing exercise and then use it in case of an emergency, such as a blackout at the high school.



School of Engineering Job Fair: On October 20, the Graduate Coordination organized a new edition of the Employment Fair of the Faculty of Engineering, declared of interest by the Ministry of Education and Culture and by the Ministry of Labor and Social Security. This annual event links students and graduates of the faculty with technology companies, with the aim of contributing to the development of the sector, generating links and innovation opportunities. The fair had a total of more of 2,000 attendees and the participation of more than 50 companies and organizations, such as Arnaldo Castro, AstroPay, BASF, BBVA, FNC, Jetmar, Light-it, Moove It, Orders Now, Perficient, PwC, Business Network Inclusive Uruguay, AFAP Republic, Sabre, Santander, Smart Talent, TATA Consultancy Services and Xmartlabs.



On the occasion of the global celebration of Scratch, Laboratorios Digitales of Ceibal and the ORT Uruguay University invited to participate in the Scratch Day in our country, which took place on May 19 in the LATU facilities. The objective was to promote the learning of programming and computational

thinking. Dr. Inés Friss de Kereki, professor of Programming at the Faculty of Engineering, gave the Workshop for Teachers, in which 40 teachers from primary, secondary and UTU. Scratch is a programming language developed by Massachusetts Institute of Technology (MIT) that allows you to learn and take the first steps in the world of programming, using a block programming environment.



Science in the Bar: The CIE BIO Biotechnology Incubator, promoted by the Center Biotechnological Research and



Innovation (CBI+I), the Center for Innovation and Entrepreneurship of the ORT Uruguay University and the Technological University of Uruguay, organized a new edition of the Science in the Bar meeting cycle. The objective was to promote the emergence of biotechnology ventures and promote the exchange between entrepreneurs, businessmen, scientists and others interested in solving problems in environmental issues, health and agroindustry. The cycle was carried out in alliance with Ingenio, the KhemBio Incubator, the Marco Podesta Foundation, the Clemente Estable Biological Research Institute, the Institute Inter-American Cooperation for Agriculture and Pedeciba. The meetings took place within the framework of Support for Activities of Promotion of the Culture of Entrepreneurship of the National Agency of Development (ANDE), and had the support of the National Agency of Research and Innovation (ANII) and Biko Uruguay.

RESEARCH FOR THE PLANET



Landscapers in Anima Technological Baccalaureate: During the month of March, first and third year students semester of the Landscaping Technician degree they visited different communities to intervene in vegetal spaces and be able to put the theoretical knowledge acquired into practice during the first semesters of his career. In the courtyard of Anima Technological Baccalaureate carried out planting and pruning tasks and relocation of plant material. These types of activities brings the academic community closer to real situations, in which Students must give quick answers, with the materials existing on the site and a limited budget for its intervention. In this way, they approach possible situations within the work context, to create tools and opportunities for development of natural spaces.



Food and Agriculture Organization of the United Nations

Study on digitalization in the artisanal cheese factory from Uruguay - second edition. The objective of this project is experiment with a prototype that presents the opportunities that provides blockchain technology to achieve sector traceability of artisanal

cheese makers. Responsible: Lic. Enrique Topolansky Funding: Food and Agriculture Organization (FAO). Duration: 12 months.



Control and optimization of electrical distribution systems through storage batteries. This project was developed from the model validated by a prototype made by the Faculty of Engineering, which allows calculate the optimal load flow in a distribution network with high penetration of renewables. This prototype is based on the studies

carried out by the Applied Mathematics Group Telecommunications and Energy of the faculty, which incorporates the most recent advances in optimal load flow through optimization convex. The objective of the project is to obtain an innovative solution oriented to the technical-economic operation of the distribution, the dispatch of the battery system and the control of the classic devices of the distribution network itself. Responsible: Dr. Andrés Ferragut. Financing: National Administration of Power Plants and Transmissions Electrical (UTE). Duration: 12 months.



RESEARCH FOR THE WORLD



150 research papers published in academic journals in 2022
125 research papers published in 2021

2022	Facultad de Ingeniería	Facultad de Comunicación y Diseño	Facultad de Administración y Ciencias Sociales	Facultad de Arquitectura	Instituto de Educación	Total
Artículos en publicaciones arbitradas	16	2	23	10	10	61
Artículos en conferencias arbitradas	28		26	1		55
Libros				1	2	3
Capítulos en libros	11		1		9	21
Documentos de investigación			10			10
Total	55	2	60	12	21	150

2021	Facultad de Ingeniería	Facultad de Comunicación y Diseño	Facultad de Administración y Ciencias Sociales	Facultad de Arquitectura	Instituto de Educación	Total
Artículos en publicaciones arbitradas	28	2	28	4	6	68
Artículos en conferencias arbitradas	17		15	4	5	41
Libros			1	3		4
Capítulos en libros	1		1	1	3	6
Producción literaria		1				1
Documentos de investigación			5			5
Total	46	3	50	12	14	125

WORKING WITH THE COMMUNITY



In 2022, the 15th edition of the Arena program Entrepreneur, a cycle of training meetings that combine tools and ecosystem knowledge entrepreneur with dynamics, games and training from the world of circus and theater. The program Its purpose is to promote the culture of entrepreneurship in the women. It had the participation of 72 women from all over the country of which 40 graduated. The program was directed by the Center of Innovation and Entrepreneurship and had the collaboration of the National Institute of Employment

and Vocational Training (INEFOP).



Meta Challenge: The School of Management and Social Sciences and Cisneros Interactive, representative of Facebook in Uruguay, they

organized the Meta Challenge contest. It was a competition in which more than 60 students of the subject Bachelor's Digital Marketing in Management and Administration, working in teams, presented Real advertising campaigns in the app family Facebook to get donors for the Liceo Jubilar Juan Pablo II, of Montevideo, and the Liceo Francisco, of Paysandú. The objective was to offer students the opportunity to experience a Complete campaign development and implementation experience marketing with real results, so that they can capture in the practice the concepts

learned in their career and, at the same time, generate a positive impact on the Uruguayan community. Through all the campaigns, 77,984 people were reached and 52 registrations were obtained, of which 30% were willing to donate. The winning team sought donors for the Liceo Jubilar was made up of Héctor Brasesco, Juan Andrés Lizarralde, Patricia Nizarala, Tomás Outeiro and Santiago Saavedra, while the winning group that worked with the Liceo Francisco was made up of Juan Martín Aguiar, Juan Alvarellos, Valeria Añón, Julieta De Gaspari, Gianfranco Dirusso, Agustina Lasowski, Malena López, Francisco Quiñones, Valentina Ribeiro and Maite Ruiz.



WORKING WITH OUR PARTNERS



International Girls in ICT Day: On April 28, within the framework of the International Day of Girls in ICT, the Faculty of Engineering organized the Arduino Workshop, aimed at high school girls. 35 4th grade high school students participated. Paulo Freire, Santa María, St. Brendan's and Hans Christian schools Andersen. The workshop was led by Gabriel Rodríguez and Valentina Alzugaray, students of Electronics and Engineering Engineering Electrical, respectively. Likewise, high school students participated in the Art

and Creative Programming workshop, taught by Engineer Jimena Arruti, professor of the Bachelor's Degree in Design, Art and Technology of the Faculty of Communication and Design, and the Lic. Silvina Cortés, graduated from the aforementioned career. Activity was organized by the academic coordinator of Engineering in Systems, Mag. Cecilia Belletti, and the deputy academic coordinator of Electronic, Telecommunications and Electrical Engineering, Ing. Mariana Derderian. International Day of Girls in ICT is a global event promoted by the International Union of Telecommunications that seeks to make visible the opportunities that women have in the field of technology.

Digital Transformation Challenge: The Innovation and Entrepreneurship Center and the Business Chair and Innovation of the School of Engineering, together with IBM, ThalesLab and the National Development Agency (ANDE), organized the Challenge Digital Transformation, which began on August 10. The objective was raise awareness and develop new skills in participants through training and lecturing by more of 25 leading exhibitors on topics related to disruption digital, exponential technologies, new businesses and pillars of digital transformation.



Carolan Fund for Entrepreneurial Research The Center for Innovation and Entrepreneurship (CIE) and the Carolan Research Institute (CRI) of the United States developed the Carolan Fund for Entrepreneurial Research, in order to support entrepreneurs

who are students or graduates of ORT to carry successfully bring their ideas to the market, providing them with financing, training and mentoring. More than 30 businesses applied at the bottom, of which the best 9 were selected for their financing: La Rifamos, Gol to data, Credifama, Life Tripper, Agribo, Mobilitech, Enteria, Bitypagos and Nanogrow obtained a prize of 5,000 USD each.

OUR AWARDS



Sustainable Development Monitor won the National Award for the Environment: The Sustainable

Development Monitor (MDS), created by the Chair of Management and Accounting for Sustainable Development - Deloitte of the School of Management and Social Sciences, in collaboration with DERES, obtained the National Award for the Environment "Sustainable Uruguay" in the HEI category. The MDS provides companies with 17 indicators that measure the impact that their actions have in three dimensions: environmental, social and economic/governance, to measure their progress towards sustainability. The President of the Republic, Dr. Luis Lacalle Pou, delivered the Award to Dr. Nicolás Gambetta, Chair for Business Sustainability of the School of Management and Social Sciences.



Fernando Paganini, vice dean of Research and professor of Telecommunications Theory. He won the Morosoli Gold Award at the 26th Morosoli Awards for Uruguayan Culture, that distinguishes outstanding people or institutions of culture, science or education, in tribute to his career, organized by the Lolita Rubial Foundation (November). Likewise, he was named Fellow of the International Federation of Automatic



Control (IFAC), distinction granted to people who make extraordinary contributions, in the field of interest of the federation, in their roles as engineers/scientists, technical leaders or educators (August). At the same time, it integrates the ranking of the most outstanding researchers in the world for the impact of their publications, according with the publication "Updated science-wide author databases of standardized citation indicators", carried out by Dr. John Ioannidis, Professor of Medicine at Stanford University (October).



Eduardo Mangarelli, dean of the School of Engineering was recognized as one of the two business leaders of the year, chosen through the Dream

Employment study, carried out by Create Communication, voted by more than 3,000 young university students between 17 and 26 years old.



Systems Engineering received its first ARCU-SUR accreditation: The Systems Engineering degree obtained its ARCU-

SUR regional academic accreditation, the evaluation system and accreditation of Mercosur university courses. With this incorporation, the School of Engineering currently has three careers accredited by this system: Electronic Engineering, Telecommunications Engineering and the aforementioned Engineering in Systems. The ARCU-SUR system is intended to ensure and promote the quality of the degree courses taught by the institutions of higher education in Mercosur countries.



Architecture received its third ARCU-SUR accreditation: On December 5, the School of Architecture received, from the ARCU-SUR Ad Hoc Accreditation Commission, the resolution of the accreditation of the Architecture degree for a period of 6 years. This is the third accreditation that the race has received for this system (the previous ones were in 2009 and 2016). For 13 years the Architecture career has shown to carry out a process of continuous improvement of its educational quality, which once again has been evaluated and recognized by the ARCU-SUR regional system.



OUR GRADUATES



Undergraduate degrees		2022	2021	2020
FI	ID (Ingeniería en Sistemas)	74	70	59
	ID (Licenciatura en Ingeniería de Software)	8	5	3
	AN (Licenciatura en Sistemas)	28	43	39
	YI (Ingeniería en Electrónica)	9	5	5
	IZ (Ingeniería en Telecomunicaciones)	4	3	6
	IZ (Licenciatura en Telecomunicaciones)	0	0	0
	IZ (Licenciatura en Electrónica)	0	1	1
	LE (Licenciatura en Electrónica)	0	0	0
	BI (Ingeniería en Biotecnología)	19	12	9
	BI (Licenciatura en Biotecnología)	4	5	4
	Total	146	144	126
FCD	CV (Licenciatura en Comunicación)	38	40	35
	LG (Licenciatura en Diseño Gráfico)	20	38	30
	WY (Licenciatura en Diseño de Modas)	19	15	11
	LD (Licenciatura en Diseño Multimedia)	17	12	9
	YN (Licenciatura en Diseño Industrial)	13	12	11
	LT (Lic. Diseño, Arte y Tecnología)	9	0	0
	LV (Licenciatura en Animación y Videojuegos)	15	9	12
	Total	131	126	108
FACS	LA (Licenciatura en Ger. y Adm.)	86	81	88
	LM (Contador Público)	42	49	75
	LI (Licenciatura en Est. Internacionales)	23	26	33
	EQ (Licenciatura en Economía)	18	27	7
	Total	169	183	203
FA	QT (Arquitectura)	47	62	61
	VQ (Licenciatura en Diseño de Interiores)	15	17	14
	Total	62	79	75
Total Undergraduate degrees		508	532	512

Postgraduate degrees		2022	2021	2020
FI	MI (Master en Ingeniería)	0	3	3
	MI (Diploma en Ingeniería)	0	0	0
	BD (Dip. de Esp. en Analítica de Big Data)	36	24	16
	MD (Master en Big Data)	13	23	2
	DR (Dip. Esp. en Inteligencia Artificial)	9	7	9
	YJ (Master en Ger.de Tecnología de Inf.)	0	0	0
	YK (Diploma en Sistemas de Información)	0	0	0
	YL (Diploma en Tecnología de Información)	0	0	0
	MC (Master en Computación)	0	0	0
	MC (Diploma en Computación y Sistemas de Información)	0	0	0
	KU (Diploma en S.I. y Reingeniería)	0	0	0
	KW (Diploma en Telecom. y Redes)	0	0	0
	KV (Diploma en Ing. de software)	0	0	0
	Total	58	57	30
FCD	CC (Diploma de Especialización en Dirección de Comunicación)	0	3	2
	CM (Master en Dirección de Comunicación y Marketing)	16	6	2
	Total	16	9	4
FACS	MB (Master en Adm. de Empresas)	35	34	25
	EMBA (Master en Administración EMBA)	7	0	0
	DD (Dip. En Dirección de Marketing)	12	18	20
	DH (Diploma en Recursos Humanos)	14	6	8
	KH (Master en Dirección de RRHH)	10	11	11
	DF(Diploma en Finanzas)	7	7	10
	DG (Dip. de Especialización en Analítica de Negocios)	30	30	16
	KN (Master en Dirección Financiera)	12	7	10
	MF (Matser en Contabilidad y Finanzas)	5	6	1
	IM (Diploma en Impuestos)	23	14	22
	DN (Diploma de Especialización en Contabilidad)	8	7	6
	ML (Master en Contabilidad e Impuestos)	3	6	1
	ME (Master en Economía por Investigación)	0	0	0
	ME (Diploma Esp. en Economía)	0	0	0
	WQ (Master en Agronegocios)	0	0	0
	DY (Diploma en Agronegocios)	0	0	0
	DY (Diploma de Esp. en Agro. Sost.)	13	0	0
	MG (Master en Gerencia de Empresas Tecnológicas)	0	0	0
	XL (Diploma en Logística Empresarial)	0	1	0
	DM (Diploma en Negocios Internacionales)	0	0	0
	XH (Diploma en E-business)	0	0	0
	KL (Master en Políticas Públicas)	0	0	0
	SR (Diploma en Políticas Públicas)	0	0	0
	Total	179	147	130
FA	GO (Diploma en Gestión de la Constr.)	0	0	0
	RQ (Dip en Cons. y Rehab. de Edificios)	0	0	0
	ED (Diploma de Estrcturas de Madera)	1	0	1
	EI (Diploma de Esp. en Desarrollos Inmobiliarios)	27	1	11
	TOTAL	28	1	12
IE	ZC (Master en Educación)	14	9	17
	AA (Diploma en Educación)	0	0	0
	WF (Diploma en Educación-dist)	16	20	15
	KR (Master en Gestión Educativa)	23	0	8
	XG (Dip en Planif y Gestión Educativa)	0	0	0
	ZE (Dip en Planif y Gestión Educativa a dist.)	26	50	41
	ZB (Master en Formación de Formadores)	12	0	0
	ZB(Diploma en Formación de Formadores)	0	0	8
	DC (Doctorado en Educación)	2	5	2
	Total	93	84	91
Total Postgraduate degrees		374	298	267

INNOVATION AND ENTREPRENEURSHIP



Since 2019 the School added a Biotechnological area. The objective of the CIE BIO is to promote and promote biotechnology-based ventures. To achieve this we have formed an alliance between the Biotechnological Center for Research and Innovation (CBI + I), the [UTEC Technological University](#) and the [CIE Center for Innovation and Entrepreneurship](#) of the [ORT Uruguay University](#) , THE CIE BIO executes actions aimed at developing, strengthening and coordinating an ecosystem that links: university, business, society and the financial sector. Making entrepreneurial initiatives turn into innovative ventures that add value to society.

SERVICES

Support to entrepreneurs: CIE BIO provides support to entrepreneurs in the pre-incubation and incubation stages of their ideas. In the first stage, we accompany entrepreneurs in the technical and market evaluation process. Those ventures that successfully pass the validation stage can enter the incubation stage. At this stage we have incubation services to turn that idea into a company in the market.

- **Awareness-raising activities:** CIE BIO regularly organizes different types of activities with the aim of collaborating in the development of an entrepreneurial culture in the Biotec sector. Activities such as Science at the BAR, or meetups are held regularly for this purpose.
- **Training activities:** Entrepreneurs incubated in the CIE BIO access the training workshops offered through the Center for Innovation and Entrepreneurship of the ORT Uruguay University with the aim of strengthening their knowledge in business areas. In particular we offer workshops:
 - Entrepreneurial attitude
 - Business Model
 - Business idea validation
 - Elevator Pitch
 - Commercialization
 - Business plan



CIE BIO allows technical validation for entrepreneurs in biotec fields. Some examples are HIFA, that generates a 100% environmentally friendly biomaterial, using agroindustrial waste and an edible mushroom (selected as the circular venture of the year by ANDE), and ENTERIA, a startup dedicated to the study of the human intestinal microbiota, through metagenomic data analysis. The company is dedicated to detecting possible health risks, through the study of the variations in the microbial community of each person, as well as identifying the necessary actions to return the levels to normal.

COMMITMENT WITH THE COMMUNITY

Scholarships to study at the university

ORT has different scholarship funds available to support students finance their studies.

Woman 2022



Various studies indicate that rigid organizational training structures, the lack of female mentors and stereotypes could discourage the entry of women into the university environment linked to technology careers.

According to a note published in the newspaper *El Observador*, on January 14, 2020, women who enter to study careers in the area of

Science, Technology, Engineering and Mathematics (STEM, for its acronym in English) represent only 23%.

That is why the ORT Uruguay University has been granting **an 80% scholarship for** three years, which will be assigned to the woman who obtains the highest score in the Academic Aptitude Test (PAA) and begins to take the careers of Electrical Engineering, Engineering in Electronics or Telecommunications Engineering.

Terms and conditions

Women interested in pursuing one of the following courses at ORT Uruguay University that begin in 2022, may participate in the Competitive Scholarship Fund: Woman 2022:

- **Electric engineering**
- **Electronics Engineering**
- **Telecommunications engineering**

This scholarship fund is open only to female students who are entering university life for the first time, not being able to participate students from other university careers at the ORT Uruguay University or from another university who are interested in changing and / or starting a second career in Electrical Engineering, Electronics Engineering or Telecommunications Engineering.

There will be a winning person, who will obtain 80% of the scholarship of the total value of the career of their choice between: Electrical Engineering, Electronics Engineering or Telecommunications Engineering.

Scholarships for Academic Excellence



ORT Uruguay encourages students to make a sustained effort during the last two years of high school, considering that it is one of the elements that will allow them to have the best chance of success in their university studies.

Only those who meet the following requirements can participate in the Scholarship Fund for Academic Excellence (FEXA):

- Pass the International Baccalaureate (IB) or pass with 8 or more 5th year and with 9 or more 6th year of high school or pass with 9 or more 5th year of high school.
- Be in or have completed the 6th year of secondary school in the school year immediately prior to the start of the degree.
- Obtain a score equal to or greater than 1,900 on the Academic Aptitude Test (the maximum possible score is 2,400).

This scholarship fund is only allocated for the beginning of March and has two variants:

1. Students who, meeting all the requirements, do not require financial assistance to study.

This fund is exclusively meritocratic, so it is not necessary to present an Income Affidavit.

The only thing that is taken into account for the award of these scholarships is the score obtained in the PAA.

In this fund, the maximum scholarship is 35% and covers the total duration of the degree, not being necessary to renew it.

Scholars must maintain acceptable conditions of academic performance.

2. Students who, meeting all the requirements, also require financial assistance to pursue their studies

Applicants for this fund must submit a Sworn Statement of Income.

The scholarships from this fund are awarded taking into account the score obtained in the PAA test and the need for assistance that arises from the evaluation of the Affidavit of Income.

The maximum scholarship is 60% and covers the total duration of the degree, not being necessary to renew it.

Scholars must maintain acceptable conditions of academic performance.

In this particular background, students who come from the interior have an interview with a social worker to analyze their specific situation.

In order to apply for this fund, the student must have a personal interview with an academic advisor of the career to which he is applying. These funds do not apply to those students who wish to revalidate their studies and continue their career at the ORT Uruguay University.

Special scholarships

ORT Uruguay University grants special scholarships of 80% exceptionally to those who meet the following two requirements:

1. Obtain a score of 2205 points or higher on the PAA exam.
2. The total income of the family nucleus must be equal to or less than \$ 15,130 (fifteen thousand one hundred thirty Uruguayan pesos) for each member of the same. For this calculation, nominal income (without discounts) must be considered.

Competitive Scholarships



The Competitive Scholarship Fund is open to all students who start a university career from the first semester. It takes into account both the result of the Academic Aptitude Test and the need for financial assistance arising from the Affidavit of Income that the applicant must complete as part of the application for the scholarship.

The Competitive Scholarship Fund is open to all applicants without special requirements for high school academic performance.

It takes into account both the result of the Academic Aptitude Test and the need for financial assistance arising from the Affidavit of Income that the applicant must submit as part of the scholarship management process.

This test is taken for two starts annually:

- Beginning of March: the test is taken in October and December (the year prior to the start of the race), and in February and March of the year in which the race begins.
- Beginning of August: the test is taken in July and in August of the year the race begins.

The maximum scholarship is 50%. These scholarships cover the entire duration of the degree, not being necessary to renew them. Scholars must maintain acceptable conditions of academic performance.

IMPORTANT: To apply for this fund, the student must have a personal interview with an academic advisor of the degree to which they are applying. This fund does not apply to those students who wish to revalidate their studies and continue their career at the ORT Uruguay University.

Health



All exchange students are required to purchase medical insurance that covers medical assistance and ambulance service.

To register for courses, you are required to hold insurance covering at least € 30,000 (as established by the Schengen agreement) and valid during the entire stay in Uruguay, plus 15 additional days.

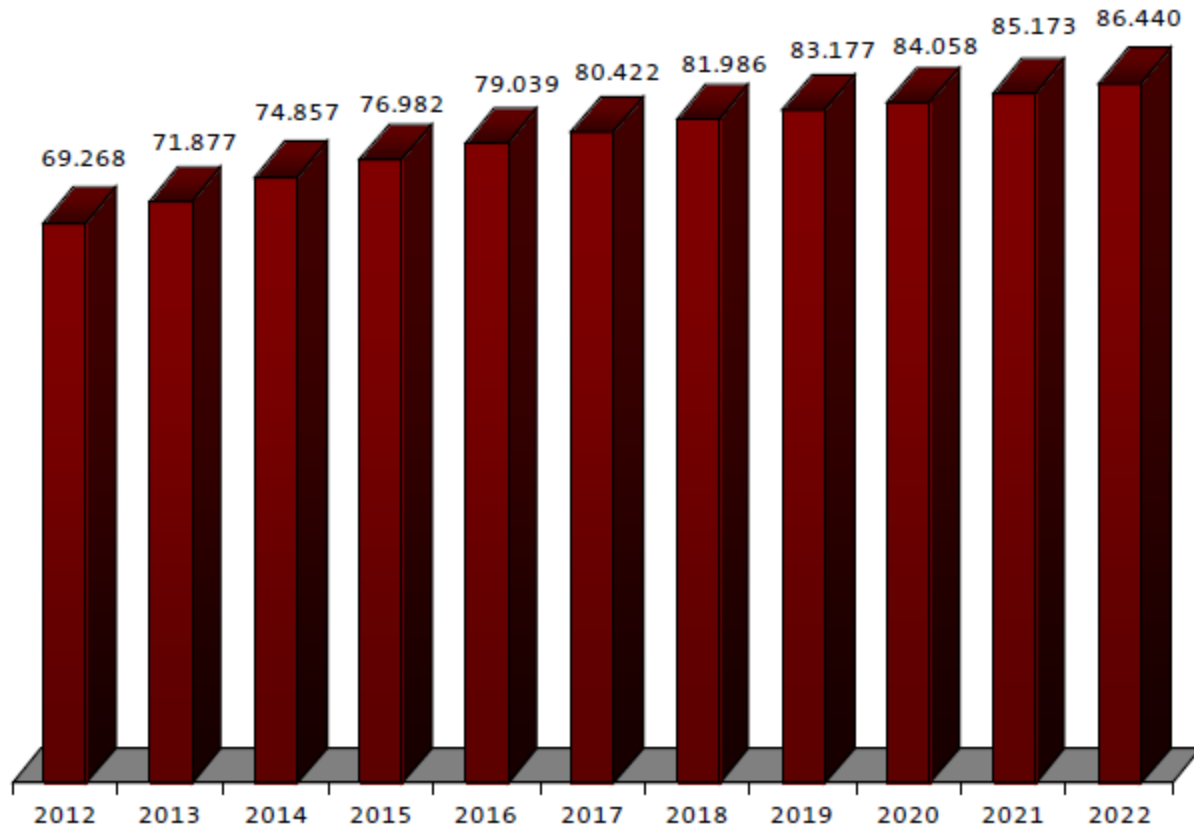
On campus emergency cases are covered by institutional insurance, limited to emergency assistance and transportation to a hospital if needed.

OUR RESOURCES

86,440 books and magazines in the library in 2022

85,173 books and magazines in the library in 2021

	2021	2022	Incremento
Facultad de Ingeniería	16,331	16,524	193
Facultad de Comunicación y Diseño	24,810	25,384	574
Facultad de Administración y Ciencias Sociales	27,498	27,708	210
Facultad de Arquitectura	10,760	10,924	164
Instituto de Educación	4,190	4,269	79
Departamento de Estudios Judaicos	812	852	40
Centro de Idiomas	772	779	7
Total	85,173	86,440	1,267



STUDENTS

MOBILITY



Foreign university students who took courses at Universidad ORT Uruguay in 2022 by country of origin

España	34
Francia	31
Alemania	9
Estados Unidos	6
Reino Unido	5
Brasil	5
Suecia	4
Países Bajos	4
Chile	4
Corea	3
Portugal	1
Italia	1
Argentina	1
México	1
Canadá	1
Total	110

Foreign university students who took courses at Universidad ORT Uruguay in 2021 by country of origin

Francia	22
España	9
Alemania	2
Brasil	2
Argentina	1
Bélgica	1
Finlandia	1
Portugal	1
Total	39

Foreign university students who took courses at Universidad ORT Uruguay in 2020 by country of origin

Francia	17
España	4
Estados Unidos	4
México	3
Argentina	1
Bolivia	1
Canadá	1
Colombia	1
Corea del Sur	1
Reino Unido	1
Total	34

Students of Universidad ORT Uruguay who took courses at universities foreigners in 2022 by country of destination

España	121
Francia	41
Reino Unido	15
Italia	10
Finlandia	7
Alemania	6
Países bajos	6
Canadá	5
Suecia	4
Bélgica	4
Portugal	3
Corea del Sur	2
EE.UU.	2
Israel	2
Turquía	1
Total	229

Students of Universidad ORT Uruguay who took courses at universities foreigners in 2021 by country of destination

España	58
Francia	9
Corea del Sur	5
Italia	5
Reino Unido	5
Estados Unidos	3
Israel	3
Alemania	2
Portugal	2
Suecia	2
Turquía	2
Total	96

Students of Universidad ORT Uruguay who took courses at universities foreigners in 2020 by country of destination

España	23
Australia	6
Francia	5
Alemania	3
Bélgica	2
Canadá	2
Chile	1
Finlandia	1
Total	43



WORKING WITH THE GOVERNMENT



Centro Tecnológico del Agua (CTAguia)



Promote and articulate an ecosystem of innovation around technology linked to water resources, to provide technological solutions that are according to water regulations defined

by government agencies. Francisco Rosas (Universidad ORT Uruguay) member of the Board of Directors and member of the Committee of Assessment. Mariana Umpierrez (Universidad ORT

Uruguay) member of the Executive Board



Network for Climate Change and Decision Making



The Network for Climate Change and Decision Making is an institutional alliance between Unesco, Fundación Avina and 10 universities and research organizations from Argentina,

Brasil, Chile, Paraguay and Uruguay. It was created in 2013 to support and strengthen the public and private sectors in Latin America in climate change decision-making and to promote effective integration between science and policy to address the challenges of global change. The Center is a UNITWIN network, member of the Research for Climate Action partnership, and works regionally through activities of research, analysis, training, regional and national seminars and virtual debates to strengthen public policy decisions to incorporate the complexity of climate change in decision-making processes. The School of Management and Social Sciences is a member of the Network. Francisco Rosas (Universidad ORT Uruguay) is a member of the Executive Board



Transformation and Sustainability Governance in South American Bioeconomies (SABio)

Our research seeks to inform governmental and non-governmental, including private, decision-makers in South America and beyond about entry points for action towards promoting climate smart bio-based innovation processes that safeguard rural employment and the equitable distribution of the benefits and costs of bio-based transformation. Through strong partnerships with Universities in the Southern Cone and engagement at the science-policy interface, the project will strengthen international collaboration and its impact in the region. Funded by the The German Federal Ministry of Food and Agriculture (BMEL) and supported by the Ministries of Agriculture of Argentina, Brazil and Uruguay.

Universidad ORT Uruguay is a partner organization. Francisco Rosas (Universidad ORT Uruguay) is a Member of the research partner.

