

UNDERGRADUATE STUDENTS REPORT

CAMPUS	EDUCATION PROGRAM	PROGRAM GOAL	2020 y 2021
			SUSTAINABLE ACADEMIC PROGRAMS
TAMPICO	DEGREE IN ARCHITECTURE	To train professionals in architectural design, urban planning, administration, supervision and construction of living spaces and their urban context based on environmental, cultural and socio-political requirements, with cutting-edge creative, technical and technological knowledge and skills, with competitive quality entrepreneurial and sustainable vision in the national and international contexts of his/her profession	115
	CIVIL ENGINEER	To train competent professionals in the areas of structures, construction, hydraulics, environment, geotechnics, transportation and planning, who provide comprehensive solutions in the efficiency of the territory and the conception, implementation and management of urban, rural, industrial infrastructure projects, among others, as well as for the means of transport and communications, the use of hydraulic resources and other natural resources, the generation and distribution of energy, sanitation, the protection of the environment, the reduction of incidents and effects caused by natural or anthropogenic events, that are required for social development, economic growth and environmental conservation; with the ability to plan, design, build, operate, manage, conserve, rehabilitate and modernize systems, structures and facilities, applying scientific knowledge, engineering principles and technology integration, with creativity, entrepreneurship and social responsibility, within a framework of environmental transversality, multidisciplinary collaboration, internationalization, evolution of science and technological innovation.	158
	BUSINES ENGINEERING	To train professionals who apply the knowledge of basic sciences, engineering sciences and applied engineering for the development and productivity of companies, which promote the competitiveness of the organization, evaluate business opportunities and promote the economic growth of the company; using knowledge of administration, business management, economics and finance, business models, logistics, production and quality management and integrating state-of-the-art technology in the exercise of the profession. The professional in business engineering with leadership skills, creativity, innovation and entrepreneurship; respectful of human rights, the environment and gender equality; and with a global vision.	0
	AGRICULTURAL ENGINEER	To train professionals capable of influencing the areas of agricultural production, research, innovation and technology transfer, under the principles of sustainable use of natural resources. They will also be able to develop and evaluate productive and research projects, as well as participate in the productive chains of the agricultural sector, in the transformation and commercialization of agricultural products.	127

VICTORIA	DEGREE IN ENVIRONMENTAL SCIENCE ENGINEER	To train professionals in the areas of natural resource management, environmental management and pollution control, who contribute to sustainable development and mitigation and adaptability to climate change in the country through the formulation of strategies for the sustainable use of natural resources, risk assessment of anthropogenic activities and application of technologies for the prevention and mitigation of pollution, in public and private institutions.	32
	DEGREE IN ECONOMICS AND SUSTAINABLE DEVELOPMENT	To train professionals with a solid background in economics. The professional specializes in solving problems in various areas: social socioeconomics, international trade policy, regulation of competition between companies, exchange rate management, evaluation of investment projects and operation of the stock market, all of them related to the better use of physical, financial and human resources in the corporate, government, social and financial sectors for the benefit of society.	13
	ZOOTECNICIAN VETERINARY DOCTOR	To train professionals prepared for the global world with social responsibility who has up-to-date knowledge with the capacity for analysis and synthesis to solve problems inherent to the exercise of his profession in an innovative and creative way; with aptitude for entrepreneurship and labor leadership; and with ethics and a positive attitude towards individual or team work, aware of the impact on the environment.	156
	DEGREE IN PSICOLOGY	To train psychology professionals to prevent, care for and solve psychosocial problems in the educational, organizational, clinical and social fields that contribute to individual, group and social well-being, using knowledge about human behavior from different theoretical-methodological approaches with the ability to apply techniques, instruments and processes in evaluation and diagnosis, research and intervention with ethical values, proactive attitude, institutional identity, critical judgment and social commitment.	555
DISTANCE	DEGREE IN RENEWABLE ENERGY ENGINEER	To train competent professionals in renewable energies capable of implementing solutions to the problem of depletion of energy sources emanating from fossil fuels to favor the conservation of ecosystems. As well as evaluating the energy potential of biomass, wind, solar, hydraulic, marine and geothermal sources within a framework of ecological, ethical and social responsibility.	28
	ENGINEER IN PETROCHEMICAL PROCESSES	To train professionals of excellence with high technical quality, social and environmental awareness and professional ethics. Contribute to the transformation of crude oil and natural gas into chemical and petrochemical products with a high commercial value. Participate in research groups that promote innovation and technological development in the gas industry and oil. Promote the petrochemical business nationally and internationally and promote the sustainability of the industry from an environmental point of view.	44

REYNOSA	INDUSTRIAL ENGINEERING	To train professionals in industrial engineering with an emphasis on manufacturing systems, management, environment, safety and occupational health that facilitate continuous improvement within the various areas of national and foreign industries through knowledge, skills and attitudes that allow them to apply interdisciplinary way operations in the processes, design, evaluation and financial analysis, for the transformation of materials and obtain products with world-class standards, which are distinguished by their focus on improving the quality of life of society, in the economic and sustainable potential of your entity	147
	CHEMICAL ENGINEERING	Train professionals in Chemical Engineering in the areas of process, production and environment that allows them to apply scientific and technological knowledge for the transformation of materials into products, through the design, operation, evaluation, control and optimization of Chemical, Industrial Processes and services with the ability to make decisions and effectively resolve the operation of processes, through the rational and efficient use of resources, conserving the environment and contributing to the sustainable development of society	66
MANTE	INDUSTRIAL BIOCHEMICAL ENGINEERING	The Industrial Biochemical Engineer is the professional who has knowledge in bioprocess engineering operations, scientific-technological research, industrial administration and operations; trained to participate in transformation processes in the agri-food and bioprocess industry as well as to develop and evaluate products and processes, with an innovative mentality, analytical and critical attitude, values and a vision of sustainability	45
MATAMOROS	DEGREE IN SAFETY, HEALTH AND ENVIRONMENT	The Bachelor of Safety, Health and Environment is a professional who serves society and the various public and private organizations, such as those of extraction, transformation, services or through their development as an independent professional; applying in his work knowledge, skills, abilities and values, which allow him to have a comprehensive vision and an efficient attitude regarding prevention, through the recognition, evaluation, investigation and control of the risk factors present in the work environment, for the care for the health of workers and society, as well as the implementation of strategies aimed at sustainability	54
	DEGREE IN ENVIRONMENTAL AND SAFETY ENGINEER	Train competent and participatory professionals in the solution to environmental problems; and the analysis of occupational safety and hygiene, with the perspective of investigating, developing and implementing strategic projects and programs under a regulatory, ethical and professional commitment framework for sustainable development.	74
TOTAL SUSTAINABILITY UNDERGRADUATE STUDENTS			1,614

POSTGRADUATE STUDENTS REPORT

CAMPUS	EDUCATION PROGRAM	PROGRAM GOAL	2020 y 2021
			SUSTAINABLE ACADEMIC PROGRAMS
TAMPICO	DOCTORADO IN ARQUIECTURE WITH AN EMPHASIS ON HOUSING	Students must acquire the knowledge and skills to consolidate their training as expert researchers in a defined line of the housing phenomenon and will be able to generate and disseminate relevant knowledge to solve problems related to the subject. As well as efficiently intervening in the creation and process of research projects and efficiently advising both public sector authorities and businessmen to achieve better housing development.	8
	MASTER OF ARCHITECTURE WITH EMPHASIS IN ARCHITECTURAL DESIGN	Train professionals capable of proposing the ideal options for the architectural design of the built habitat to be rehabilitated and revitalized, applying technological innovations in an integrating context and within a framework of respect for human and environmental factors.	0
	MASTER'S DEGREE IN STRATEGIC BUSINESS MANAGEMENT	Train Human Capital with a high level for Strategic Management that allows you to create and develop effective and innovative organizations, both public and private, local and regional in the country, within competitive environments of business intelligence, with assertive and ethical leadership that contribute to increase its efficiency with a high sense of social responsibility.	0
	MASTER IN VALUATION	To train professionals of excellence and a high level of competence in solving the problems of appraisal activity, research and teaching, committed to a spirit of service and an ethical sense, in order to meet the demand of the industrial, commercial, financial, agricultural, urban and educational, thus contributing to the production and development of the country's economy.	14
VICTORIA	DOCTORATE IN AGRICULTURAL SCIENCE AND ENVIRONMENTAL SCIENCE	Train human resources in agricultural sciences, natural resources and the environment with skills to develop and propose solutions to contemporary problems through the design and application of original research, capable of opening other frontiers of knowledge in order to ensure new opportunities in science and technology. associated with agricultural production, environmental conservation and natural resources.	3
	DOCTORATE IN HUMAN RIGHTS	Contribute to the training of high-level resources, qualified and with the necessary skills so that, through research and from a human rights perspective, they problematize the state of the art in their area and produce original knowledge on the subject.	3
	MASTER IN HUMAN RIGHTS	Contribute to the professionalization of qualified human resources with the necessary skills so that, from a human rights perspective, they develop intervention programs, implementation and evaluation of the full exercise of rights and freedoms, which lead to the construction of a democratic culture and positive assessment of the differences.	5

	MASTER IN ECOLOGY AND MANAGEMENT OF NATURAL RESOURCES	To train professionals through the implementation of doctoral-level curricula, so that they can develop original research that generates basic and applied knowledge useful for the solution of ecological problems at local, regional and national level in order to generate sustainable development	3
	MASTER OF SCIENCE AGRICULTURAL SYSTEMS AND ENVIRONMENT	Train human resources in the areas of agricultural sciences, natural resources and the environment with skills to participate in the search for contemporary solutions through their participation in original research, capable of opening other frontiers of knowledge in order to ensure new opportunities in science and technology associated with agricultural production, conservation of the environment and natural resources.	9
	MASTER IN MANAGEMENT AND EDUCATIONAL INTERVENTION	Train highly qualified teachers from a solid theoretical and methodological background, to design and implement projects aimed at innovation and improvement of educational management and intervention in formal contexts of basic and higher education.	39
NUEVO LAREDO	DOCTORATE IN MANAGEMENT	Train researchers who identify problems, challenges, and opportunities for improvement and propose innovative solutions to the priority needs of economic, regional, and business development in Tamaulipas and Mexico. That they be generators of new knowledge in the areas related to Administration Sciences; as well as promoters of the transfer of said knowledge, through their academic and/or professional activities, both to HEIs and public and private institutions.	5
	DOCTORATE IN ECOLOGY AND MANAGEMENT OF NATURAL RESOURCES MANAGEMENT	Train professionals through the implementation of curricula at the doctoral level, in such a way that they can develop original research that generates basic and applied knowledge useful for the solution of ecological problems at the local, regional and national levels.	9
REYNOSA	MASTER OF COMPUTER SCIENCE AND TECHNOLOGY	Train human resources capable of developing basic and applied computational science that allows identifying and solving the problems that arise, the design, integration, automation, administration and protection of computational technologies in public and private organizations, both nationally and internationally, responding suitably to the needs that arise in their work field, efficiently using their capacity for analysis, creativity, critical thinking, entrepreneurship and research skills, prioritizing leadership, teamwork and adaptability to change; always acting with loyalty, honesty, tolerance, professional ethics and respect for the rules that govern the sustainability of the environment.	13
	MASTER OF ELECTRICAL AND ELECTRONIC ENGINEERING	Train highly qualified researchers in the electrical-electronic sector, who are capable of generating and contributing new knowledge by themselves through the performance of original research work, which contributes to the scientific and technological progress of the region and the country.	2
TOTAL SUSTAINABILITY POSTGRADUATE STUDENTS			113