

UFU Course Catalog | 4th edition



Physical Education
Campus Glória Campus
Santa Mônica Campus
Umuarama Campus



Universidade
Federal de
Uberlândia

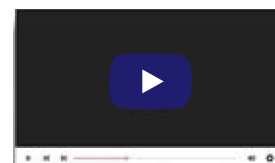
Uberlândia



About the city

The city of Uberlândia is present in the Triângulo Mineiro region, standing out as one of the most promising and prosperous in the Brazilian countryside. With the second largest population in the state of Minas Gerais, the city is a reference in the technological, agro-industrial and cultural sectors. Presenting numerous possibilities for insertion in a diverse and receptive job market. In addition, there are various recreational and cultural spaces available in the city such as museums, parks, art galleries, cathedrals and many others.

The UFU in Uberlândia is installed on four different campuses: **Physical Education Campus**, in the Nossa Senhora Aparecida neighborhood. **Glória Campus**, in the south of the city. **Santa Monica Campus**, in the Santa Monica neighborhood and **Umuarama Campus**, in the Umuarama neighborhood.



Watch the video to learn more about the Campis and the city!

UFU Course Catalog | 4th edition



Campus
Physical Education

Physical Education - Bachelor's Degree



What Does a Bachelor of Science in Physical Education Do

The job market for this professional is quite broad and diverse. It is possible to work in companies, institutions, sports schools, rehabilitation projects and many others. One of the most sought after branches by physical education professionals is that of personal trainer in gyms. In this area, he will work by improving the physical conditioning of people who prefer a closer and more intimate service.

What you need to know about the course:

The Physical Education course at UFU is organized into different training centers that cover different areas of knowledge, seeking to offer an interdisciplinary and complete training to the student. Disciplines such as the History of Physical Education, Anatomy, Biochemistry, Sports Psychology, among many others, will be worked on. To complete the course, it is necessary to develop a final work and have completed a supervised internship.

UFU Highlights

UFU offers Physical Education students an infrastructure consisting of seven gymnasiums for practical classes, an athletics track, two swimming pools, a soccer field, research laboratories and a gym. The spaces are designed so that students can put into practice all the knowledge acquired in the classroom, autonomously and with the help of highly qualified teachers.



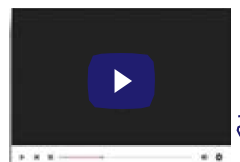
Modalities: bachelor's degree
Academic Unit: Faculty of Physical Education and Physiotherapy
Campus: Physical Education
Turno: integral
Vacancies per semester: 40
Duration: 4 years

Site: www.fae.fi.ufu.br/graduacao/educacao-fisica-%28bacharelado%29

Telephones: (34) 3218-2914
 (34) 3218-2970

Talk to the coordinator:
colef@ufu.br

Watch the video to learn more!



Physical Education - Bachelor's degree



What Does a Physical Education Graduate Do

The main field of work for graduates in Physical Education is educational institutions. Where educational activities and programs will be developed in both public and private schools. The discipline of physical education is present in the school curriculum from Basic Education to High School, proving to be indispensable. It is also possible to work as an educator in universities after attending a postgraduate course.

What you need to know about the course:

The Physical Education course in a degree format at UFU is organized in training centers that seek to integrate and train the student through interdisciplinary disciplines. Specific and general subjects will be studied, such as History of Physical Education in School Curriculums, Leisure and Recreation, General Didactics, and disciplines focused on sports such as Handball, Wrestling, Football and others. The student's training also takes place through complementary activities that will be developed throughout the semesters, such as participation in events, projects, seminars and other actions.

UFU Highlights

UFU offers Physical Education students an infrastructure consisting of seven gymnasiums for practical classes, an athletics track, two swimming pools, a soccer field, research laboratories and a gym. The spaces are designed so that students can put into practice all the knowledge acquired in the classroom, autonomously and with the help of highly qualified teachers.

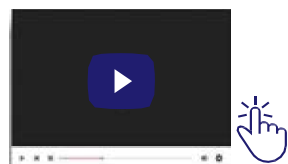


Modalities: licensure
Academic Unit: Faculty of Physical Education and Physiotherapy
Campus: Physical Education
Turno: integral
Vacancies per semester: 40
Duration: 4 years

Site: www.faefi.ufu.br/graduacao/educacao-fisica-%28licenciatura%29
Telephones: (34) 3218-2914

Talk to the coordinator:
 licef@faefi.ufu.br

Watch the video to learn more!



Physiotherapy



What Does a Physical Therapist Do

This professional is indispensable to maintain quality of life and human health. The physiotherapist works in the prevention, treatment and cure of diseases and injuries, which are usually caused by accidents, genetic malformation or posture addiction. The professional performs diagnoses, monitors the patient's clinical condition and prescribes what should be done for improvement. They can work in hospitals, outpatient clinics, health units, clinics and rehabilitation centers, gyms, sports clubs, companies and several other places, whether in the private or public sector.

What you need to know about the course:

The Physiotherapy student at UFU will have an interdisciplinary and humanistic training, where the student will act in the protection of public health. Subjects are taught in the field of Biological Sciences, Health, Social Sciences and Humanities. Such as, the subjects of Collective Health, Aquatic Physiotherapy, Pediatric Physiotherapy and others. The student must also participate in complementary activities to expand their experience at the university and in their academic curriculum.

UFU Highlights

The university's infrastructure allows the student to develop practical activities in several laboratories equipped with all the necessary material and resources, such as Cardiorespiratory, Physical Resources, Physiotherapy and others. In addition, as an academic and cultural incentive, the course promotes the Physiotherapy Journey, where lectures, seminars and an indispensable immersion for the student take place.



Modality: bachelor's degree

Academic Unit: Faculty of Physical Education and Physiotherapy

Campus: Physical Education

Turno: integral

Vacancies per semester: 30

Duration: 5 years

Website:

www.fae.fi.ufu.br/graduation/physiotherapy

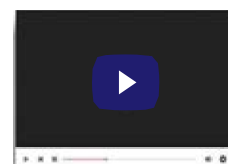
Telephones: (34) 3218-2968

(34) 3218-2969

Talk to the coordinator:

cofit@faefi.ufu.br

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UFU Course Catalog | 4th edition



Campus Glory

Agronomy



What Does an Agronomist Do

The agronomist has numerous possibilities when it comes to entering the job market, because the professional works in one of the most valued and fastest growing sectors in the country today. In the agribusiness area, it is possible to work taking care of the planning, coordination and execution of activities related to soil cultivation, harvesting, storage and distribution of food.

In addition, the agronomist can work for private or government companies in the area of export and import of food, fertilizers and seeds.

Animal husbandry is also a sector to be explored by this professional, where he will take care of feeding the herd, reproduction, health and slaughter. He can still work in educational institutions, both public and private, pursuing an academic career as an educator or researcher.

What you need to know about the course:

During the Agronomy course, the student will be introduced to several areas of knowledge, which cover six thematic axes: plant production, animal production, environmental management, agro-industrial economics and administration, rural engineering and biotechnology. In addition, the student will learn to work with planning and development of agricultural and livestock activities, encompassing production, distribution, financial management and administration, covering the entire production chain, from soil preparation to arrival at the consumer's table, with ethics, respecting the environment, always following principles of sustainability. The supervised internship will introduce the student to the routine activities of an agronomist, making their professional skills even more concrete.

UFU differentials

UFU provides agronomy students with access to several high-tech laboratories, where practical classes, joint activities, studies and research will be taught. During graduation, the student will have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas. In addition, practical and field classes are recurrent, providing greater experience. UFU also offers complementary activities, such as extension projects, scientific initiation, monitoring, conferences and seminars, which will contribute in an essential way to your training.

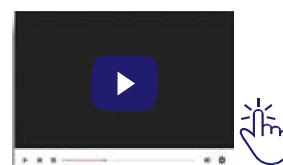


Modality: bachelor's degree
Academic Unit: Institute of Agrarian Sciences **Campus:** Glória
Turno: integral
Vacancies per semester: 40
Duration: 5 years

Site: www.iciag.ufu.br/graduacao/agronomia-uberlandia
Telephone: (34) 2512-6708

Talk to the coordinator:
coago@ufu.br

Watch the video to learn more!



Aeronautical Engineering



What Does an Aeronautical Engineer Do

This engineer is the professional who works with aircraft and aeronautical components, from design and development to operation and maintenance. The job market for this area is very promising since the aeronautical industry, Brazilian and worldwide, is always looking for qualified professionals. From the technical training of the course, it is possible to work in aircraft and aeronautical component development companies, maintenance companies, air transport companies, aviation instruction and training centers and aeronautical consulting companies.

What you need to know about the course:

The curriculum of the Aeronautical Engineering course at UFU is organized in order to offer the student a solid and comprehensive training in the areas of mathematics, physics and computing. The student will have contact with the specific disciplines of Engineering and Aeronautics, such as: Aerodynamics, Structures and Materials, Flight Mechanics, Flight Performance, Maintenance, Regulation and several others. In addition to the mandatory activities, students can also expand their experience at the university by participating in other complementary projects. To complete the course, it is necessary to complete a mandatory internship and present a final work.

UFU Highlights

Ensuring excellent quality training, UFU provides the student with a set of 23 laboratories, all with high-tech equipment and an adequate structure to meet all the demands and needs that practical classes require. To further develop and complement the knowledge acquired in the classroom, students can also participate in Student Competition Teams, the Junior Enterprise Meta and the PET Tutorial Education Program, which also covers the Mechanical Engineering and Mechatronics Engineering courses.



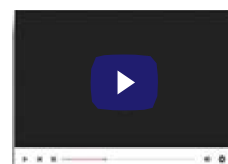
Modalities: bachelor's degree
Academic Unit: Faculty of Mechanical Engineering
Campus: Glória
Turno: integral
Vacancies per semester: 20
Duration: 5 years

Site: www.femec.ufu.br/graduacao/engenharia-aeronautica

Telephones: (34) 34 2512-6768

Talk to the coordinator:
coceaero@mecanica.ufu.br

Watch the video to learn more!



Environmental and Sanitary Engineering



What an environmental and sanitary engineer does

This professional studies environmental problems, with the aim of promoting sustainable development. The environmental and sanitary engineer is the professional who can work in the areas of planning, management and environmental technologies. In his activity, the professional designs and monitors the execution of hydraulic infrastructure and environmental sanitation works. It evaluates and analyzes the environmental impacts of projects on natural ecosystems and proposes actions for the preservation, conservation and recovery of the environment. Coordinates and supervises work teams, conducts scientific and technological research and technical and economic feasibility studies, executes and inspects works and technical services, carries out inspections, expertise and evaluations, issuing reports and opinions

What you need to know about the course:

The course is organized into three content cores: basic, vocational and a specific content core. In this way, the student has a broad training in the area of Environmental and Sanitary Engineering. The student will have contact with disciplines such as Differential and Integral Calculus, General and Analytical Chemistry, Cell Biology, among others. Complementary activities, mandatory internship and course completion work complement the student's training.

UFU Highlights

The Environmental and Sanitary Engineering student can carry out numerous activities in the laboratories, which are set up with high-tech equipment, thinking about the practical and intuitive development of the student. In addition, students are encouraged to participate in scientific initiation programs, extension projects, exchanges, as well as events and congresses related to the environmental area.



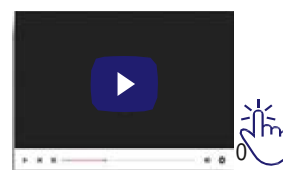
Modality: bachelor's degree
Academic Unit: Institute of Agrarian Sciences Campus: Glória
Turno: integral
Vacancies per semester: 40
Duration: 5 years

Website:
www.iciag.ufu.br/graduacao/engineering-environmental-and-sanitary-uberlandia/know

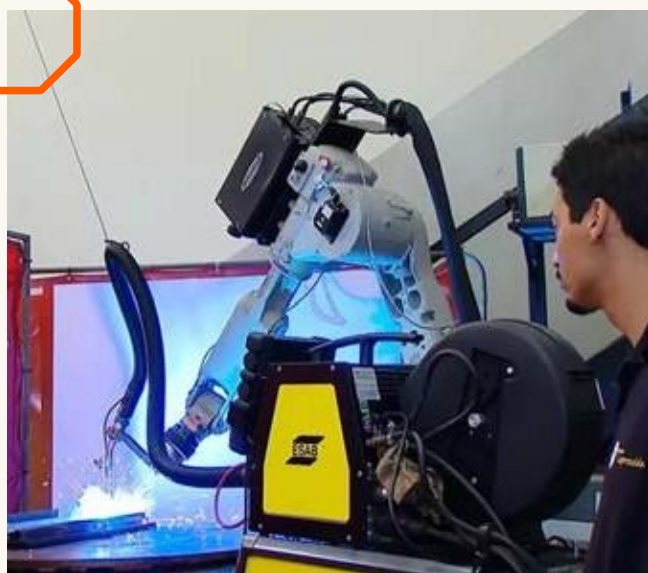
Phone: (34) 2512-6711



Watch the video to learn more!



Mechanical Engineering



What Does a Mechanical Engineer Do

When it comes to the branch of engineering that takes care of the design, construction, analysis, operation and maintenance of machinery and equipment, the Mechanical Engineer designs engines, structures, vehicles, machines, industrial and energy production equipment. It can also work in research of cutting-edge technologies and quality control. He can also lead production and maintenance teams and design plants and factories.

As it is a very comprehensive profession, there are numerous opportunities for mechanical engineers in various fields, such as: food, textile and petroleum industries, car assemblers, metallurgy, steel, aviation, machinery, electronics, petrochemicals, cellulose, sugar, alcohol, gas, refrigeration and air conditioning, among others.

What you need to know about the course:

The curricular structure of the course takes into account the student's protagonism, and with a proposition for a solid education, throughout the undergraduate course. In the first periods, the student takes basic subjects such as Calculus, Physics, Chemistry and Informatics. Then, they start to acquire knowledge, skills and abilities in a specific and professionalizing way, with the fulfillment of the other disciplines. It is noteworthy that the curricular components have a theoretical and practical workload, and are called mandatory and specific disciplines, complementary academic activities, end-of-course project, extension curricular activities and supervised internship.

UFU Highlights

The course has well-structured laboratories with high-tech equipment, to ensure high-quality training for students. In addition, the student has opportunities to participate in several initiatives, which expand their training: teaching monitoring, Scientific Initiation projects, national and international mobility, Junior Enterprise META Consultoria, Tutorial Education Program (PETMEC), Academic Directory (DAGEMP) and member of teams: Cerrado Baja SAE, Tucano Aerodesign, Mobile Robotics Development Team (EDROM), DELTA Automotive Engineering, UFU Racing Formula SAE and Aerospace Propulsion and Technology Team (EPTA).



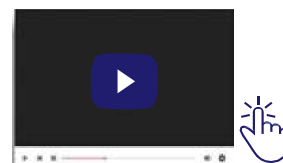
Modality: bachelor's degree
Academic Unit: Mechanical Engineering Faculty
Campus: Glória
Turno: integral
Vacancies per semester: 40
Duration: 5 years

Website: www.femec.ufu.br/graduation/engineering-mechanical/know

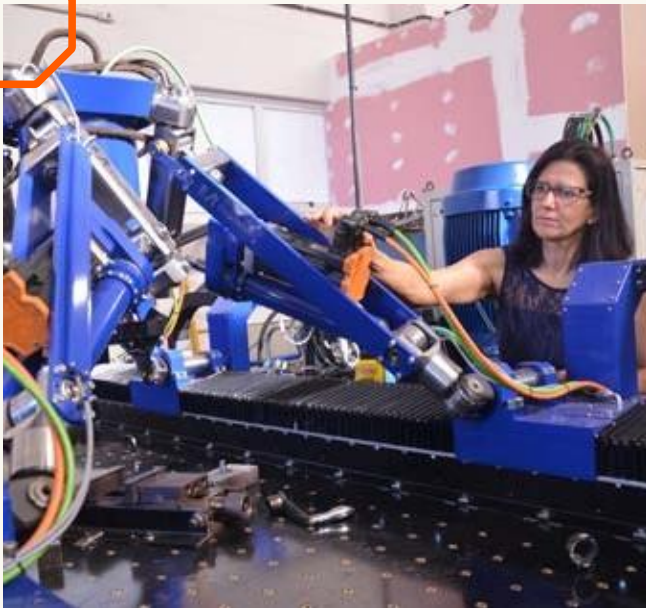
Phone: (34) 2512-6773
 (34) 2512-6772

Talk to the coordinator:

Watch the video to learn more!



Mechatronics Engineering



What does a mechatronics engineer do

It is the task of this engineer to use computer science and mathematical, scientific, technological and instrumental knowledge in solving problems. He is responsible for planning, supervising, elaborating and coordinating engineering projects and services; evaluate the economic feasibility of these projects and conceive, design and analyze engineering systems, products and processes. It is possible to follow through several sectors of this field, such as the automotive, food, chemical, steel, petrochemical, packaging and information technology industries.

What you need to know about the course:

The curricular activities of the course are distributed in mandatory and optional subjects, end-of-course project, mandatory internship and complementary activities. The mandatory disciplines are related to basic, professionalizing and specific contents, in order to insert the mechatronics engineer to the necessary knowledge through theory and practice. Disciplines such as Psychology Applied to Work and Education for the Environment are also taught, further expanding the training of students.

UFU Highlights

All the subjects of the course are designed to offer the student a strong theoretical content combined with specific practical objectives. For this reason, a large number of disciplines have practical activities taught in the laboratories, which have an infrastructure equipped with high-tech materials. Students can also participate in activities that expand their knowledge during graduation such as: Teaching Monitoring, Scientific Initiation projects, national and international mobility, Junior Enterprise META Consultoria, and be a member of teams such as Cerrado Baja SAE, Tucano Aerodesign, Mobile Robotics Development Team (EDROM), DELTA Automotive Engineering, UFU Racing Formula SAE and Aerospace Propulsion and Technology Team (EPTA).



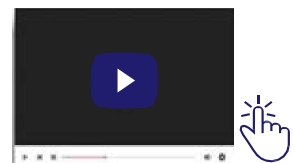
Modality: bachelor's degree
Academic Unit: Mechanical Engineering Faculty
Campus: Glória
Turno: integral
Vacancies per semester: 20
Duration: 5 years

Website:
www.femec.ufu.br/graduacao/engineering-mechatronics/know

Telephones: (34) 2512-6771

Talk to the coordinator:
 mecatronica@mecanica.ufu.br

Watch the video to learn more!



Veterinary Medicine



What Does a Veterinarian Do

The veterinarian is responsible for performing examinations, identifying and understanding diseases and functional changes in animals, helping in the prevention, control and treatment of these pathologies. He also inspects the production of food of animal origin for human consumption, thus being an indispensable profession for social life. This professional can work in hospitals, veterinary clinics and outpatient clinics, agribusinesses, sanitary control and food production companies.

What you need to know about the course:

During the training in Veterinary Medicine at UFU, the student will have contact with general and specific disciplines in the area, which combined provide quality and comprehensive training to students. Classes will be taught in Animal Anatomy, Genetics, Parasitology, Operative Techniques, Animal Pathologies, Animal Obstetrics and several others. In addition, to complete the course, the student must participate in complementary activities, a mandatory internship and present a final paper.

UFU Highlights

For practical classes, UFU's infrastructure offers students 20 laboratories, three experimental farms and a veterinary hospital for clinical and surgical care of small and large domestic and wild animals. Students can also participate in the Junior Enterprise Conavet that provides veterinary consulting and assistance, thus managing to expand their experiences beyond the classroom.

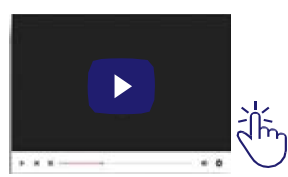


Modality: bachelor's degree
Academic Unit: Faculty of Veterinary Medicine
Fields: Glória
Turno: integral
Vacancies per semester: 40
Duration: 5 years

Site: fmvz.ufu.br/graduacao/medicina-veterinaria
Telephone: (34) 2512-6807

Talk to the coordinator:
cocve@ufu.br

Watch the video to learn more!



Animal husbandry



What does a zotechnician do

This professional has the function of promoting genetic improvement, nutritional and food management, health, animal feed production and increasing animal productivity, working so that animals live in good conditions and ensuring animal welfare. The zotechnician has a fundamental role for agribusiness, which is one of the most profitable sectors in the country, thus becoming an indispensable professional. He can work in zoos, wild animal screening centers, in animal products industries, agricultural companies, in management plans related to fauna, slaughterhouses, financial markets, vivariums, farms, among other places. The field is also promising in areas of research in laboratories (public or private) and in companies that export products of animal origin.

What you need to know about the course:

At UFU, the Animal Science student has an education organized in three nuclei: basic content, professional and specific content. These centers are organized in such a way that they include some fields of study, such as Environmental Sciences, Genetics, Breeding, Animal Reproduction, Nutrition and Feeding, Animal Production, among others. For the completion of the course, the supervised internship and the presentation of a final work are mandatory.

UFU Highlights

The university's infrastructure offers students 20 laboratories to carry out practical activities and other projects, such as animal anatomy, research on wild animals, animal nutrition laboratory, in addition to the breeding sectors such as dairy cattle, beef cattle, sheep and goats, horses, frog farming and forage farming. It is also possible to develop research together with the course professors, who are specialists and highly qualified in various segments.



Modality: bachelor's degree

Academic Unit:

Faculty of Veterinary Medicine

Campus: Glória

Turno: integral

Vacancies per semester: 40

Duration: 5 years

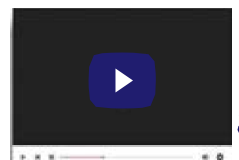
Site: fmvz.ufu.br/graduacao/zootecnia

Phone: (34) 25126809 **Talk**

to the coordinator:

zootecnia@famev.ufu.br

Watch the video to learn more!



UFU Course Catalog | 4th edition



**Campus
Santa Monica**

Administration



What an administrator does

This professional has a vast power of choice when he is inserted in the job market, since it is an essential profession for all institutions. The administrator can act by planning and managing a company's projects, making sure that they are executed in the best possible way on a daily basis. He can also pursue a career in the area of marketing management, where he will be responsible for conducting market research, defining the profile of consumers, proposing improvements, among others.

In addition, the administrator can still work in the logistics sector, where he will be responsible for the purchase of raw materials, from the organization of the processes for its transformation into a product until the complete completion of its sale. The sectors of people management, finance, operations, and strategy also present great opportunities for this professional.

What you need to know about the course:

Seeking to train qualified and competent professionals, the Administration course at UFU is composed of disciplines related to sociological, philosophical, psychological, behavioral, economic and accounting studies. In addition, the student will have contact with professional training content, related to specific areas such as theories of administration, market and marketing, production and logistics, financial and budgeting, information systems, strategic planning and services. In this way, the course offers the student the possibility of developing a varied trajectory, according to their own interests.

UFU differentials

With a focus on intuitive and dynamic learning, the Administration course has highly qualified professionals in various areas of knowledge ready to contribute to all phases of the graduation of freshmen. In addition, the university has a high-tech infrastructure, where students are free to use the equipment for their extension and research projects. In addition to the possibility of joining the Junior Enterprise, where skills can be developed in a practical way, having an experience similar to the job market.



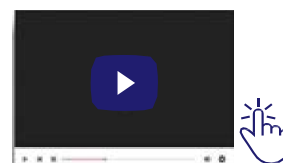
Modality: Bachelor's Degree
Academic Unit: Faculty of Management and Business
Campus: Santa Mônica
Shifts: full-time and night
Vacancies per semester: 40 (full-time) 40 (evening)
Duration: 4 years

Site: www.fagen.ufu.br/graduacao/administracao

Telephones: (34) 3230-9480

Talk to the coordinator:
cocad@ufu.br

Watch the video to learn more!



Architecture and Urbanism



What an architect does

The architect and urban planner is a professional with broad and generalist training, which involves the design, organization and construction of interior and exterior space, covering urbanism, building, landscaping, as well as the conservation and enhancement of the built heritage, the protection of the balance of the natural environment and the rational use of available resources.

The largest fields of activity are in the area of civil construction, especially in the development of projects for new buildings, renovations and interventions in the built heritage. He can also work in interior architecture, where he is responsible for the ambiance and design of objects and furniture.

The main employers are: civil construction, urbanization and landscaping companies; consulting companies; scientific and technological research companies; architecture and urbanism offices; public agencies for urban and regional planning; public agencies for the recovery and preservation of historical and urban heritage; and social organizations. The professional can also choose to have his own architecture and urbanism office.

What you need to know about the course:

The Architecture course at UFU is organized in such a way that it can be understood as a cultural manifestation and not just construction, stimulating students to develop the skills to analyze, conceptualize, design and execute spaces for all levels of interaction between man and the environment. The proposed curriculum matrix is structured in two training centers: the foundation center and the professionalization center, each with a sequence of mandatory and optional courses to be taken, in addition to the Course Completion Work. Among the mandatory subjects of the course are Integrated Project Atelier; Theory and History of Architecture and the City; Plastic; Architectural Drawing; Urban Sociology; Digital Interface; Structural Systems; Energy Efficiency; Urban and Regional Planning.

UFU Highlights

Due to the privileged position of the Santa Monica Campus, the student of Architecture and Urbanism has an easier time entering the job market, since the demand for professionals is increasing. In addition, the university offers a high-quality infrastructure, with state-of-the-art laboratories ready to meet all student demands.

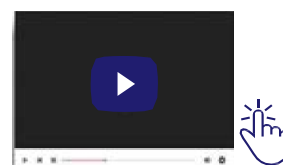


Modality: bachelor's degree
Academic Unit: Faculty of Architecture, Urbanism and Design
Campus: Santa Monica
Shift: full-time
Vacancies per year: 35
Duration: 5 years

Website:
www.faued.ufu.br/graduacao/architecture-and-urbanism
Phone: (34) 3239-4213

Talk to the coordinator:
cocau@ufu.br

Watch the video to learn more!



Visual Arts



What a Visual Arts Graduate Does

This professional is trained to work in different sectors due to the plurality of training. He can work as an artist and/or curator creating exhibitions in art galleries and museums, he can also work in advertising agencies and illustration and design companies.

In addition, for Visual Arts graduates, the market is also broad. This professional can teach the study of the arts in Basic Education, produce activities and cultural content in this sector.

What you need to know about the course:

UFU offers the Visual Arts course in the bachelor's and licentiate modalities, where the student has the autonomy to choose which sector to follow from the third semester. The disciplines move between theoretical and practical, such as Photography, Drawing, Painting, Performance, Sculpture, Ceramics, Digital Arts, Art Criticism, Art History, among others. In the field of licentiate, subjects that address pedagogical and didactic knowledge are offered, such as Art Teaching Methodology and Visual Art Education. Complementary activities such as cultural events, artistic exhibitions and research projects are also indispensable for the student's education.

UFU Highlights

UFU provides Visual Arts students with access to several laboratories such as Ceramics, Drawing, Sculpture, Painting, Photography and several others, which are equipped with all the necessary materials for the development of the activities requested by the students. In addition, the student can also be directly involved in the production, elaboration and organization of art exhibitions.

The University Museum of Art (MUnA) is coordinated by the course and is the most important art museum in the region, where projects are also coordinated. The graduate can also join the Junior Enterprise Olho de Peixe, which provides job market experiences.

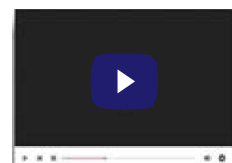


Qualifications: bachelor's degree and licensure
Academic Unit: Institute of Arts
Campus: Santa Mônica
Shifts: full-time and night
Vacancies per year: 40 (full-time) 40 (evening)
Duration: 4 years

Site: www.iarte.ufu.br/artes-visuais
Phone: (34) 3239-4244

Talk to the coordinator:
coart@ufu.br

Watch the video to learn more!



Cybersecurity



What does a Cybersecurity graduate do

The professional trained in Cybersecurity is able to protect systems, networks, applications, and data against digital threats, acting preventively, defensively, and investigatively. It has a solid technical background in cryptography, network security, secure development, vulnerability analysis, and incident response. It is able to implement security, compliance and governance policies, in line with national and international standards. It can also work in digital forensics, penetration tests on cyber threats. He is a strategic professional, prepared for corporate, government and academic environments, with an ethical vision and social responsibility.

What you need to know about the course:

The Cybersecurity course at UFU stems from the consolidated trajectory of the Department of Computing and Innovation in Engineering, with decades of experience in teaching, research and extension. The course was conceived in response to the growing demand for cybersecurity and trusted AI experts, aligning scientific rigor and social pertinence.

The matrix of the Cybersecurity course adopts organization by projects, horizontal and vertical integration, with intensive practice in laboratories and authentic challenges with companies and the community. The evaluation is formative, evidence-based (real projects, technical artifacts, reports, public demonstrations and portfolios) and competency rubrics. The course articulates teaching, research, extension and professional experience.

Its objective is to train professionals with a solid foundation in Computing, Mathematics and Engineering, able to design, implement, audit and govern secure digital systems throughout their life cycle, with an ethical posture and systemic vision.

As a differential, the night offer stands out — which expands access and insertion in the world of work — combined with a modern pedagogical proposal, centered on active learning, specialized laboratories and a strong connection with concrete demands of society and the productive sector.

UFU Highlights

The course is structured in 9 modules, with continuous development of projects and two final modules dedicated to the Capstone (Graduation Project), consolidating the training. It adopts as its central axis the Project-Based Learning (PBL) methodology, in which learning occurs through the resolution of real problems of companies and the community. Extension activities are integrated into the projects, with work plans, indicators and reports of social and technological impact. In the Graduation Project, you can follow entrepreneurial, corporate or academic paths.

The Supervised Internship and complementary activities reinforce the professional and academic experience. The pedagogical proposal integrates teaching, research and extension with an applied focus and social transformation.



Qualifications: bachelor's degree

Academic Unit: Faculty of Electrical Engineering

Campus: Santa Mônica

Shifts: night

Vacancies per year: 30 semester vacancies; (total of 60 vacancies per year)

Duration: 4 years

Site: www.feelt.ufu.br/graduacao/ciberseguranca

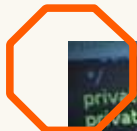
Phone: (34) 3239-4778

Talk to the coordinator:

marcelo@ufu.br



Computer Science



```

private Interface5Imp1 adminAccess = new Interface5Imp1();
private GerenciadorDeUsuarios usrMgr;

public GhostAdmin() {
    System.out.println("View -> Inicializando GhostAdmin...");

    UserTransaction ut;
    try {
        ut = adminAccess.getUserTransaction();
        ut.begin();
        adminAccess.login(username, password);
        usrMgr = adminAccess.getGerenciadorDeUsuarios();
        ut.commit();
        System.out.println("GhostAdmin -> Pronto e assombrando...");
    } catch (Exception ex) {
        System.out.println("View -> Erro: GhostAdmin nao pode insta");
        System.out.println(ex);
        Logger.getLogger(GhostAdmin.class.getName()).log(Level.
    }
}
    
```

What a Computer Science graduate does The job market for professionals trained in Computer Science is quite comprehensive, with the tendency to expand even more. Due to the importance of the profession and high demand for qualified professionals, it is one of the sectors that tend to grow more and more in the coming years.

This professional can work as a systems analyst, where he will be responsible for preparing documents and some models that specify the requirements for the development of software. He can also be a software architect developing the infrastructure that software needs to work and an IT manager, where he will coordinate teams and plan the development of systems.

What you need to know about the course:

With a curriculum adapted to the demands of the job market, the Computer Science course is organized into four training centers: basic, technological/professional, humanistic and complementary. Where disciplines in Computing, Informatics, Entrepreneurship in Informatics, Law and Business Legislation are taught. In addition to non-mandatory activities, which aim to expand the student's experience at the university.

UFU Highlights

Studying Computer Science at UFU, the student has contact not only with the theoretical area, but also with practice and professional from an early age, being able to participate in lectures, visits, congresses and even develop articles and scientific papers. He can also count on five laboratories, equipped with 160 computers designed to provide full support during his graduation, with high-tech equipment.



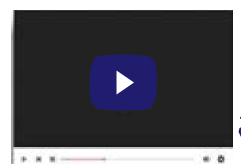
Modality: bachelor's degree
Academic Unit: Faculty of Computing
Campus: Santa Monica
Shift: full-time
Vacancies per semester: 40
Duration: 4 years (bachelor's degree), 4 and a half years (bachelor's degree)

Site: www.portal.facom.ufu.br/graduacao/ciencia-da-computacao

Telephones: (34) 3239-4218

Talk to the coordinator:
 cocom@ufu.br

Watch the video to learn more!



Accounting Sciences



What Does an Accountant Do

This professional takes care of a company's accounts, through the registration and control of revenues, expenses and profits. He is responsible for interpreting economic events to help draw up investment plans and also for organizing the payment of client taxes.

The accountant can continue in different segments of the profession, as an accounting analyst, who is responsible for surveys, evaluation, and guidance within the company. He can also be a personnel department analyst, making the payment, entry and exit of employees.

What you need to know about the course:

The Accounting course at UFU offers a broad and complete training to the student. Classes will be taught covering the areas of administration, law and economics. In addition to the specific subjects of the course, such as Public and Tax Accounting, Auditing, Expertise and Corporate Governance, Management Accounting and Finance, among others. To complete the course, the student must take five elective courses and present their final work.

UFU Highlights

The Faculty of Accounting Sciences offers students two modern laboratories for teaching computer science and focusing on accounting practice. Equipped with projectors, digital screens and 50 computers connected to a network and specialized software, the materials simulate situations and routines that will be faced by future professionals in the day-to-day business environment. The student can also join the Junior Enterprise of the course, which provides an even more real experience with the job market.

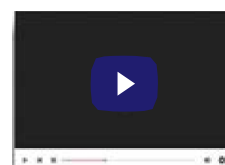


Modality: bachelor's degree
Academic Unit: Faculty of Accounting Sciences
Campus: Santa Mônica
Shifts: full-time and night
Vacancies per semester: 40 (full-time) 40 (evening)
Duration: 5 years

Site: www.facic.ufu.br
Telephones: (34) 3239-4164

Talk to the coordinator:
cocci@ufu.br

Watch the video to learn more!



Data science and statistics



What a Data Science and Statistics graduate does

The bachelor's degree in Data Science and Statistics designs, collects, organizes, and analyzes data to transform information into knowledge. It uses statistical methods, programming, and data science tools for modeling, forecasting, and decision support in industries such as industry, healthcare, finance, public policy, and several others.

What you need to know about the course:

The matrix is organized into 8 semesters (33 mandatory + 3 optional) and 3 nuclei: Basic Training (48% CH), Specific Training (≈20% CH) and Academic-Scientific-Cultural Center (TCC, extension, complementary activities). The basic training includes Linear Algebra, Calculus I–III, Probability I–II, Statistics I–II, Introduction to Computing and Database Systems;

disciplines with practice in laboratories (e.g., Computational Statistics, Advanced Programming). The specific training brings Regression Analysis, Time Series, Bayesian Inference, Generalized Linear Models, Multivariate Statistics, and Data Mining — the latter bring the student closer to machine learning and mining techniques. The theoretical-practical core includes Planning and Analysis of Experiments, Statistical Quality Control and disciplines with practical load (laboratories/software). Innovative disciplines cited in the PPC: Introduction to Data Science, Computational Statistics and topics in Mining/AI; transversal electives (Artificial Intelligence, Database II, Biostatistics, Data Mining, Bootstrap Methods) allow interdisciplinarity and enrich the professional profile. The organization favors mathematical bases in the first semesters and advanced technical application in the ends, with TCC and extension activities integrating theory and practice.

UFU Highlights

The course promotes scientific initiation (CNPq/FAPEMIG), and tutorial activities such as PET - Statistics, monitoring, SEMAT/SEMEST (thematic weeks), extension projects and partnerships with public agencies and companies; it has teaching/research support laboratories, an internship program accompanied by the coordinator, exchange monitoring and complementary activities aimed at employability. These actions integrate teaching, research and extension and expand the practical insertion of students.



Qualifications: bachelor's degree **Academic Unit:** Institute of Mathematics and Statistics

Campus: Santa Mônica **Shift:** night

Vacancies per semester: 30 **Duration:** 4 years

Site: ime.ufu.br/graduacao/ciencia-de-dados-e-estatistica

Telephones: (34) 3239-4114

Talk to the coordinator: cocest@famat.ufu.br

Economic Sciences



What an Economist Does

The job market for the professional graduated in Economics is wide and vast, as it is an essential branch for the permanence of companies in the market, the opportunities are diverse. Its field of activity is, for the most part, in companies from the most varied segments. It is his role to closely observe the movements of the markets in Brazil and in the world. Then, he analyzes and defines the best path to be followed.

He can also work in the area of consulting and advisory, in issues related to economic management and analysis, strategic planning, market studies and research, projects and organization. In addition to the financial market sector, where it operates in banks, brokers, insurance, distributors and companies. In banks, he monitors the economic situation, conducts market studies to identify new customers and evaluates competition, planning and savings.

What you need to know about the course:

The Economic Sciences course at UFU is organized into three main axes of training. The human sciences, where the student will have contact with History, Political Science and Sociology. The specific disciplines, with Calculus and its Applications in Statistics and Econometrics. Finally, economic theory, where the student will study Industrial Economics, Macroeconomics, Environmental Economics, Social Accounting, among many others.

UFU Highlights

The course has research laboratories that are used for the best training of students through the combination of theory and practice. In these laboratories, students learn, for example, analysis techniques, simulations, quantitative methods applied to economics and business strategies and finance. The course has a group of the Tutorial Education Program (PET), in which research, teaching and extension activities are developed, in addition to the Junior Enterprise Advisory, Consulting and Economic Planning, which provides services to the internal and external community of UFU, and stands out as a great recipient of students in the mobility program.



Modality: bachelor's degree

Academic Unit: Institute of Economics

Campus: Santa Mônica

Turno: integral

Vacancies per semester: 40

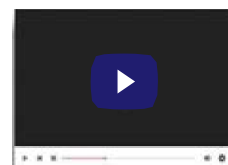
Duration: 4 years

Site: www.ieri.ufu.br/graduacao/ciencias-economicas

Phone: (34) 3239-4179

Talk to the coordinator:
cocce@ufu.br

Watch the video to learn more!



Social Sciences



What Does a Bachelor of Social Sciences Do

The training of the social scientist stimulates the development of capacities for the critical analysis of the social world, creativity, initiative to carry out research, with the objective of improving the quality of life of citizens.

The social scientist, whose training covers Anthropology, Political Science and Sociology, can work in a wide spectrum of technical specialties, linked to consultancy in public and private bodies, of a political nature or social support; advice in civil society institutions; research of different modalities for various institutions, both academic-scientific, cultural, social, politics and public opinion. The degree in Social Sciences enables professionals to teach in High School, further expanding the scope of action of the graduate in this area.

What you need to know about the course:

The Social Sciences course at UFU currently operates in two degrees – licentiate and bachelor's degree, with annual admission (only in the first semester of each year) with 40 vacancies, which account for the emergence and consolidation of a staff of professionals specialized in the areas of Anthropology, Political Science and Sociology. In addition to the subjects of the three areas of training of the course, others of general training will be taught, such as Economics, Philosophy, Geography and History. In the licentiate, disciplines directed to teaching work, such as Didactics, Libras and Educational Psychology. In addition, the student can still develop complementary and extension activities throughout his graduation, which contribute in an enriching way to his trajectory.

UFU Highlights

The Social Sciences student has access to a rich bibliographic collection that will meet all the demands and needs during their graduation, in addition to a highly prepared faculty, with specialists from different areas. The student can also participate in academic programs that offer scholarships, such as Scientific Initiation – PIBIC; Initiation to Teaching – PIBID and Tutorial Education Program – PET, starting his career in the academic field right at the beginning of the course.

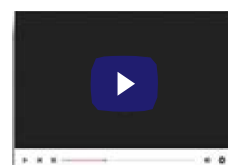


Qualification: bachelor's and licentiate degrees
 Academic Unit: Institute of Social Sciences
Campus: Santa Monica
Shift: morning
Vacancies per year: 40 **Duration:** 4 years

Site: www.incis.ufu.br
Phone: (34) 3239-4368

Talk to the coordinator:
cocis@ufu.br

Watch the video to learn more!



Dance



What Does a Dance Graduate Do

A bachelor's degree in dance is an artist who is able to develop work in the field of movement art. The job market allows for countless possibilities for action and improvement. He can work as a performer-creator of shows, dancer, author of scripts, choreographies and dramaturgies. Working in dance academies, professional artistic groups, schools, companies or culture and art centers.

What you need to know about the course:

The Dance course at UFU is divided into four main axes: Memory and Identity; Movement and Space; Language and Communication and Poetics and Alterity, where interdisciplinary disciplines will be developed throughout the undergraduate course. The student will have contact with the subjects of Contemporary Dance - Technique and Composition; Creation in Dance and New Technologies; Dramaturgy of the Body; Improvisation, among many others. To complete the degree, the student develops artistic-academic research and in the supervised internship, he also creates an authorial artistic work.

UFU Highlights

Valuing autonomous and dynamic learning, the UFU Dance course offers three support rooms for the development of classes and activities: Liquor, Circus and Lighting. All rooms are equipped with stereos, projectors and screens, designed to meet all the demands and needs of students. In addition, the course has four research groups that cover different segments of the undergraduate course, and also opportunities for scientific initiation and monitoring scholarships.

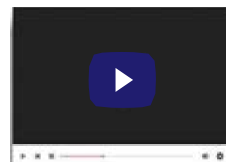


Qualifications: Bachelor's Degree
Academic Unit: Institute of Arts
Campus: Santa Mônica
Shift: Full-time
Vacancies per year: 20
Duration: 4 years

Site: www.iarte.ufu.br/danca
Phone: (34) 3230-9514

Talk to the coordinator:
codan@demac.ufu.br

Watch the video to learn more!



Design



What a designer does

The career in Design offers the professional a wide field of activity and is on the rise in the job market, since companies are understanding that what differentiates the product is design. This professional can work in several sectors, such as the area of digital design, where he will design and develop interfaces for digital media, such as web pages. In addition, you can work as a graphic designer, creating and reformulating the visual and graphic aspect of printed publications, such as newspapers, magazines, books, and brochures. Working with companies and organizations, where he will be responsible for creating logos and graphic pieces that meet the expectations of the contractors.

What you need to do about the course:

The curricular structure of the Design course at UFU was designed with the autonomy and practicality of the student himself. Subjects such as Art History, Design Theory and History, Marketing Fundamentals, Scenario Design, Packaging Design, among others, will be taught.

UFU Highlights

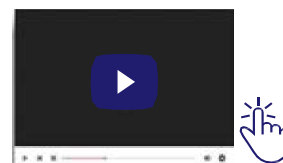
Design students at UFU have a highly qualified faculty to serve all sectors of the course, with professionals specialized in various segments of the area. In addition, the university provides an infrastructure equipped with state-of-the-art laboratories. The student can also join the Junior Enterprise of the course, where he will experience the routine of the job market, further expanding his autonomy and skills.



Modality: bachelor's degree
Academic Unit: Faculty of Architecture and Urbanism and Design
Campus: Santa Mônica
Shift: full-time
Vacancies per year: 35
Duration: 4 years

Site: www.faued.ufu.br/graduacao/design
Phone: (34) 3239-4435
Talk to the coordinator: cocde@ufu.br

Watch the video to learn more!



Law



What Does a Bachelor of Laws Do

This professional works in several areas, with the law, the judiciary and the prosecutor's office being the best known. As a lawyer, upon passing the OAB Bar Exam, he is responsible for defending the rights and interests of his clients. It can work in the labor, criminal, civil, environmental, administrative, social security and several other areas. The bachelor of law can also take public exams for judge, prosecutor, delegate, public defender or prosecutor in different bodies and spheres.

What you need to know about the course:

The Law course at UFU is based on three training centers: fundamental, professional and practical. The disciplines taught cover several areas of knowledge, such as Political Science, Economics, Philosophy and also the specific subjects of the course such as Criminal Law, Civil Law, Business Law and several others. In addition, students also need to carry out practical activities such as supervised internship and course completion work.

UFU Highlights

The law student at UFU has access to the Popular Legal Advisory Office, which is a reference in the course for providing legal assistance to the local needy population and providing internship opportunities for students. In addition, there are several research groups organized by professors that students can join, where they can delve into topics that most attract their attention.



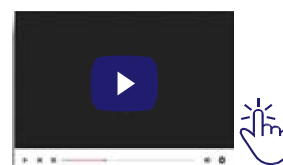
Modality: bachelor's degree
Academic Unit: Faculty of Law
Campus: Santa Monica
Shifts: morning and evening
Vacancies per year: 80 (morning)
 80 (evening)
Duration: 5 years

Website: www.fadir.ufu.br/undergraduate/law

Phone: (34) 3239-4228

Talk to the coordinator: codir@fadir.ufu.br

Watch the video to learn more!



Biomedical Engineering



What Does a Biomedical Engineer Do

This professional is responsible for the development of medical, biomedical and dental equipment, aimed at diagnosis or therapeutic treatment. The biomedical engineer designs the structure, develops and assembles the equipment and maintains it. He also creates software and electronic equipment that optimizes the use of machines by health professionals and conducts scientific research for the discovery of materials and biomaterials. The professional can work in hospitals, medical clinics, health centers, pharmaceutical and clinical analysis laboratories, specialized hospital maintenance services, among others.

What you need to know about the course:

The curriculum of the Biomedical Engineering course at UFU is organized so that the student can have a solid education in the disciplines of mathematics, physics and computing. In addition to having contact with more specific subjects such as Electrical Circuits, Analog and Digital Electronics and disciplines related to the health area such as Human Anatomy, Biomechanics and Biochemistry. The course also provides an experience with the reality of the service and the demand of outpatient and hospital health.

UFU Highlights

In addition to having access to a high-quality infrastructure equipped with several laboratories, UFU students can also participate in several programs that contributed to the student's training, such as the Tutorial Education Program (PET) and the Brafitec Program, in partnership with the universities of Lyon and Marseille, in France. In addition, they can also work in the Junior Enterprise and in several hospitals in the city and region.



Modality: bachelor's degree
Academic Unit: Faculty of Electrical Engineering
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 25
Duration: 5 years

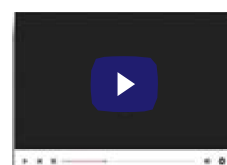
Site: www.feelt.ufu.br/graduacao/engenharia-biomedica

Telephones: (34) 3239-4709

Talk to the coordinator:



Watch the video to learn more!



Civil Engineering



What does a civil engineer do

This professional is responsible for conceiving, formulating and designing viable engineering solutions, monitoring and supervising all stages of the construction of a work that can be houses, buildings, bridges, viaducts, roads, water supply systems, airports, tunnels and several others. It is also the role of the civil engineer to carry out the dimensioning and analyze whether the construction of the works is feasible in the proposed spaces . Many professionals in this area work in large offices in the construction industry, and it is possible to open their own company, they can provide services, monitor and execute works, among several other possibilities.

What you need to know about the course:

The Civil Engineering course at UFU seeks to train autonomous and highly qualified professionals to work in the most diverse sectors. Therefore, interdisciplinary disciplines are taught that cover the areas of Civil Construction, Structures, Transport, Hydraulics, Sanitation, Geotechnics, Paving, Roads, among many others. There are also elective subjects that encompass general knowledge and provide new directions for the training of students, in addition to the supervised internship, which is a mandatory component for the training of civil engineers.

UFU Highlights

Civil Engineering students carry out the practical activities of the course in laboratories highly equipped with all the necessary materials for a broad and qualified training. Among the laboratories, those of Structures, Geotechnics, Civil Construction, Hydraulics, Sanitation, Topography and Paving stand out. In addition, students can still experience the job market by performing various activities of service provision, projects, monitoring of works, consulting and expertise together with companies in the city and region, institutions and city halls.



Modality: bachelor's degree

Academic Unit: Faculty of Civil Engineering **Campus:** Santa Monica

Turno: integral

Vacancies per semester: 40

Duration: 5 years

Site: www.feciv.ufu.br

Telephones: (34) 3239-4138
(34) 3239-4094



Talk to the coordinator:
cocec@ufu.br

Computer Engineering with Applied Artificial Intelligence



What a Computer Engineer Does

The Computer Engineer must master the technical fundamentals necessary to analyze, design, implement and maintain robust, secure, efficient and scalable computational and technological solutions

What you need to know about the course:

The disciplines of the Computer Engineering with Applied Artificial Intelligence course at FEELT/UFU are structured in four distinct nuclei.

In the Basic Training nucleus, there are the disciplines related to the knowledge of mathematics and physics necessary for the formation of

an engineer and for the understanding of physical and logical concepts related to computing. In the Technological and Professional Training core, students will delve into the particularities of the functioning of the basic components of a computer and how they interact to provide the user with the capabilities presented by modern computing equipment.

In addition, students will learn about multiple distinct paradigms of programming languages and how to use them for the development of software that will be used in all fields of human knowledge. They will also have contact with the differences in requirements between commercial, embedded and mobile systems, and how communications networks interconnect all these systems and enable the existence of a global network for the transmission of information.

Also in this center, the introduction of disciplines focused on methods, techniques and technologies in Artificial Intelligence will enable students to work both in the operation and in the development of systems in this area.

In the Humanistic and Extension training center, the student will dialogue with society in a practical, dynamic and interactive way, participating in projects that meet the demands presented by the community. Finally, the Optional and Complementary training nucleus allows the student to transform his academic profile by choosing disciplines that complement his training according to his personal preferences.

UFU Highlights

As a course completion activity, the student can opt for an internship, a TCC, or even the defense of their own startup.

As complementary activities, the student has access in the Academic Unit to Scientific Initiation, participation in PET and in the Junior Enterprise, integration in teaching and research laboratories, international partnerships with BRAFITEC, among others.




Qualification: Bachelor's Degree
Academic Unit: Faculty of Electrical Engineering
Campus: Santa Mônica
Shift: Evening
Vacancies per semester: 30 semester vacancies; (total of 60 vacancies per year) **Duration:** 4 years

Website:
www.feelt.ufu.br/graduacao/computer-engineering-with-applied-artificial-intelligence

Telephones: (34) 3239-4776

Talk to the coordinator:



Control and Automation Engineering



What a control and automation engineer does This engineer is responsible for executing and developing industrial automation projects, working in all processes involving automation and control of electrical, mechanical, and chemical systems in industrial, commercial, and residential environments.

It is a constantly expanding job market, which follows industrial growth. It encompasses everything from engineering companies, equipment production industries in general, software development to production process management. In the Triângulo Mineiro region, there are several national and multinational companies that employ this professional.

What you need to know about the course:

The curricular structure of the course was developed with student autonomy and comprehensive training in mind. Classes will be taught in Mathematics, Physics, Electrical Circuits, Analog Electronics and Specific Contents such as Hydraulic and Pneumatic Control Systems, Programmable Logic Controllers, Industrial Networks, among others. The supervised internship and the course completion work are indispensable for the student's training.

UFU Highlights

UFU provides Control and Automation Engineering students with access to several high-tech laboratories, where practical classes, joint activities, studies and research will be taught. During graduation, the student will have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas. In addition, practical and field classes are recurrent, providing greater experience. UFU also offers complementary activities, such as extension projects, scientific initiation, monitoring, conferences and seminars, which will contribute in an essential way to your training.



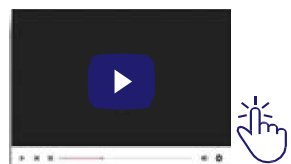
Qualification: bachelor's degree
Academic Unit: Faculty of Electrical Engineering
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 15
Duration: 5 years

Site: www.feelt.ufu.br/graduacao/control-engineering-and-automation

Phone: (34) 3239-4776

Talk to the coordinator:
cocca@eletrica.ufu.br

Watch the video to learn more!



Electrical Engineering



What Does an Electrical Engineer Do

The electrical engineer conceives, designs, builds and performs the assembly, operation and maintenance of energy and industrial installations, as well as measurement and control systems, analyzing the various technological alternatives and the final cost of investments

They can work in energy generation, transmission and distribution companies, regulatory agencies, consulting companies, industries, among others. The electrical engineer has adequate training to work at different organizational levels, being able to assume both managerial and operational functions. Many engineers also work in scientific and educational institutions.

What you need to know about the course:

The curriculum of the Electrical Engineering course at UFU is structured in mandatory and optional subjects, the final completion work, mandatory internship and complementary activities. The student will delve into studies related to Mathematics and Physics, in addition to specific components such as Electrical Circuits, Electrical Installations and Electrical Machines. In addition, the student has a variety of elective subjects allowing him to choose an education with more emphasis on the scientific, technological, managerial or human part.

UFU Highlights

The Electrical Engineering student at UFU begins to have contact with the practical area right at the beginning of their graduation, being able to participate in workshops, technical visits, monitoring and classes in the various laboratories available at the university. He can also participate in the Junior Enterprise, where he will enter the job market, becoming professional and expanding his experiences at the university.

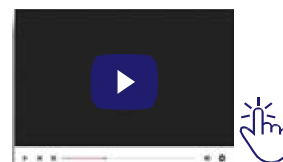


Modality: bachelor's degree
Academic Unit: Faculty of Electrical Engineering
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 20
Duration: 5 years

Website:
www.feelt.ufu.br/graduation/electrical-engineering **Telephones:**
 (34) 3239-4708

Talk to the coordinator:
cocel@ufu.br

Watch the video to learn more!



Electronics and Telecommunications Engineering



What Does an Electronics and Telecommunications Engineer Do

The market in the area of Electronic and Telecommunications Engineering has been gaining a very large space and the demand for professionals throughout the country is growing. The good news is that this demand only tends to grow in the coming years, after all, the technologies used in this area are extremely necessary in everyday life.

This engineer aims to ensure communication through telephone, radio and television systems, in addition to the transmission of data in computer networks . The professional can work in the public service, in agencies such as the National Telecommunications Agency (Anatel), the Federal Data Processing Service (Serpro), the Brazilian Airport Infrastructure Company (Infraero), the National Civil Aviation Agency (Anac), the Brazilian Intelligence Agency (Abin) and the Federal Police, among others; and also in the area of industry.

What you need to know about the course:

The undergraduate course in Electronic and Telecommunication Engineering is aimed at students who like and are interested in the areas of technology, exact sciences, science and communication. During the training, the freshman will learn to evaluate the impact of electronic engineering and telecommunications activities in the environmental and social context. The course consists of basic disciplines such as: Principles of Communication, Digital Communications, Digital Signal Processing, Antennas, Propagation of Electromagnetic Waves, Optical Communications, Radio Frequency Electronics, Mobile Communications and Communications Networks. The structure of the course is dynamic and proposes a flexible curriculum, allowing the student to complement his or her training through optional subjects.

UFU Highlights

The student of Electronic and Telecommunications Engineering UFU has access to several lectures and technical visits , which provide greater knowledge of the profession in practice. There is also the possibility of participating in Tutorial Education Programs (PET) and other complementary academic activities, in addition to the development of scientific initiation, which can be done together with professors from other departments such as mathematics and computer science.

Qualifications: bachelor's degree
Academic Unit: Faculty of Electrical Engineering
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 15
Duration: 5 years

Site: www.feelt.ufu.br/graduacao/engenharia-eletronica-e-de-telecomunicacoes-santa-monica

Phone: (34) 3239-4776
 (34) 3239-4702





Chemical Engineering



What Does a Chemical Engineer Do

This professional is in high demand in various sectors of the economy, due to the high demand for qualified professionals who also contribute to the economic development of the country. The chemical engineer works preparing, executing and controlling projects for the installation and expansion of chemical industries.

Workplaces may vary according to the specialization of the professional, the most recurrent are industries in the petrochemical, pharmaceutical, mineral, steel, chemical, pulp and paper sectors, among others. In these industries, the engineer is responsible for providing consulting, creating projects, working in the field of production and quality.

What you need to know about the course:

Aimed at an education that seeks to prepare the student for the breadth of the job market, the Chemical Engineering course is organized into basic and specific disciplines. Subjects such as Mathematics, Physics, Chemistry, Thermodynamics, Kinetics, Reactors and Biochemistry, among others, will be studied. The student must also carry out other complementary activities to enrich their training, such as participation in events and seminars in the area.

UFU Highlights

With one of the best infrastructures in the country, UFU offers laboratories equipped with all the necessary materials for research and practical classes. In addition, the student has the opportunity to participate in lectures and seminars, offer monitoring and participate in a scientific initiation. During graduation, the student will have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas.



Modality: bachelor's degree
Academic Unit:
 Faculty of Chemical Engineering

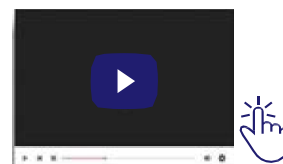
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 45
Duration: 5 years

Site: www.feq.ufu.br/graduacao/engenharia-quimica

Phone: (34) 3230-9539
 (34) 3239-4142

Talk to the coordinator:
coordgeq@feq.ufu.br

Watch the video to learn more!



Philosophy



What Does a Philosophy Graduate Do

The professional graduated in Philosophy has several options of fields of activity in the job market. He can work in important sectors of public life, such as ethics committees in hospitals and legislative bodies, in areas related to editorial activities and in specialized libraries, museums, cultural centers and related areas. The graduate in philosophy can still work in the academic field, teaching classes for elementary, high school and higher education.

What you need to know about the course:

The course is taught in the licentiate and bachelor's degree format, where the disciplines are structured in three training centers: specific, pedagogical and academic-scientific-cultural. The student will learn the most important issues of Logic, Ethics, Ancient Philosophy, among others. In addition to studying the classic texts of great thinkers such as Plato, Aristotle, Descartes and Hobbes. The student who opts for the degree must complement his training by completing the professional internship.

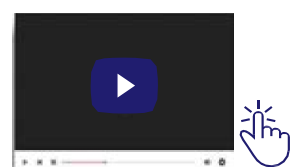
UFU Highlights

With the support of highly qualified professors in various areas of knowledge, the UFU student of Philosophy has at his fingertips a space highly prepared to meet all his expectations and needs. It also has laboratories where you can develop research and scientific initiations. In addition, there is still the possibility of participating in several research groups in the most varied areas of philosophy.



Modality: Bachelor's and Licentiate Degree
Academic Unit: Institute of Philosophy
Campus: Santa Mônica
Shifts: morning and evening
Vacancies per year: 30 (morning) 50 (evening)
Duration: 4 years (bachelor's degree) and 4 years (bachelor's degree)
Site: www.ifilo.ufu.br/graduacao/filosofia
Telephones: (34) 3239-4251
Talk to the coordinator: ccfilos@ufu.br

Watch the video to learn more!



Materials Physics



What a Materials Physicist Does

The materials physicist, or physicist-researcher, is the professional who deals with basic or applied research of new materials of scientific or technological interest. He works essentially in research institutes or universities, with possibilities of working in industries in the optoelectronics, chemical and mechanical areas.

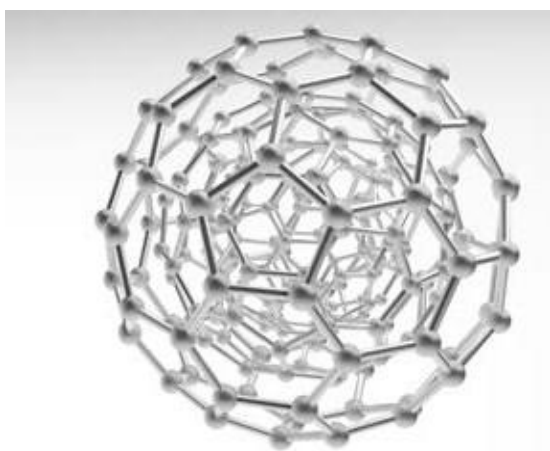
Most graduates continue their studies in specializations, master's and doctoral degrees. The job market in the academic area is larger, however, with the growth of innovations and new technologies, an increase in the industry market is expected. Due to his training, he can also work in the development of computer programming, especially in the scientific area.

What you need to know about the course:

During their training in Materials Physics, UFU students will have contact with mandatory basic subjects, which formed the basis of the student's knowledge. Followed by an optional nucleus specialized in Materials Physics, which covers the theoretical or experimental area, where the student can choose. In addition to participating in complementary activities, such as scientific initiation.

UFU Highlights

Studying Materials Physics at UFU, the student has contact not only with the theoretical area, but also with practice from an early age, being able to participate in lectures, visits, congresses and even develop articles and scientific papers. He can also count on laboratories designed to provide full support during his graduation, with high-tech equipment.



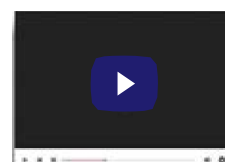
Modality: bachelor's degree
Academic Unit: Institute of Physics
Campus: Santa Mônica
Shift: full-time
Vacancies per year: 40
Duration: 4 years

Site: www.infis.ufu.br/graduacao/fisica-de-materiais

Telephones: (34) 3291-5923

Talk to the coordinator:
cfmat@infis.ufu.br

Watch the video to learn more!



Physics - Bachelor's Degree



What Does a Physics Graduate Do

The graduate in Physics can work in several areas, such as: teaching in basic education in public and private institutions, in preparatory courses for the entrance exam in higher education institutions and in Youth and Adult Education (EJA). In addition, you can work as a teacher in Higher Education Institutions, as long as you have a postgraduate degree.

There is also a market for the development of educational materials: games, experiments, videos, podcasts aimed at teaching and scientific dissemination. There are also opportunities in meteorology, forensics, programming, didactic laboratories and other areas.

What you need to know about the course:

The Physics Degree student at UFU will have contact with specific disciplines for learning physics and also for his training as a teacher. For example, contents of Thermodynamics, Electromagnetism, Mechanics, Educational Psychology and Physics Teaching Methodology. Students also undertake a supervised internship for the completion of their degree.

UFU Highlights

The university's infrastructure offers nine modern laboratories equipped with all the necessary materials for a complete and high-quality training. Students can also participate in scholarship programs for monitoring, scientific initiation, initiation to teaching, pedagogical residency and others.



Modality: Degree **Academic**
Unit: Institute of Physics
Campus: Santa Mônica
Shift: night
Vacancies per year: 60 **Duration:** 5 years

Site: www.infis.ufu.br/graduacao/fisica-licenciatura
Telephones: (34) (34) 3239-4417



Talk to the coordinator:
 cofis@ufu.br

Medical Physics



What Does a Physics Graduate Do

This professional is responsible for studying the methods of physics that help in the prevention, diagnosis, treatment of diseases and development of techniques for medical practice. The medical physicist works in different areas, including hospital, business and standardization.

Among the functions of the medical physicist are: planning of radiotherapy treatments, radiation dosimetry, radiological protection, ultrasound, nuclear medicine, magnetic resonance imaging, biomagnetism, among others.

What you need to know about the course:

Seeking to train highly qualified professionals, the Medical Physics course is structured in essential disciplines that cover knowledge in physics, such as basic physics disciplines, where the student has access to laboratories to study and practice. In addition, there are other essential contents such as Calculus, Analytic Geometry, Introduction to Chemistry, Introduction to Computing, among others. These core subjects will provide a solid foundation for the student's academic path to be successful!

UFU Highlights

During the course, UFU students will have the opportunity to participate in several technical visits, monitoring, national and international exchange programs and internship programs in companies that work in Medical Physics. In addition, they will always be able to count on an infrastructure equipped with high-tech laboratories and a body of professors specialized in various areas of knowledge.



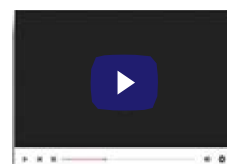
Modality: bachelor's degree
Academic Unit: Institute of Physics
Campus: Santa Monica
Shift: full-time
Vacancies per year: 40
Duration: 4 years

Site: www.infis.ufu.br/graduacao/fisica-medica
Telephone: (34) 3239-4418

Talk to the coordinator:
 cfmed@infis.ufu.br



Watch the video to learn more!



Geography



What a Geographer Does

The Geography course provides a broad and comprehensive training, the professional can pursue a career in various segments. The graduate, for example, can work in both public or private schools, teaching geography classes. He can also teach courses at the university with a postgraduate degree. Those who opt for a bachelor's degree can work in industry, in the field of digital cartography, where they will be responsible for preparing maps from satellite images. Some companies hire geographers to prepare maps and survey data on soil, relief, water resources, climate, vegetation and occupation density. This survey is called remote sensing.

What you need to know about the course:

The Geography course at UFU is structured in the Licentiate and Bachelor's degree format and comprises three nuclei, the specific and pedagogical training nucleus and the academic-scientific-cultural training nucleus. The student will have contact with the disciplines of Methodology for the Teaching of Geography, Environmental Planning and Management, General Didactics and Educational Psychology. In addition to complementary activities, such as participation in seminars, academic congresses and lectures. The course is offered in two shifts, morning and evening, with completion in both modalities for six years and in one modality within four years.

UFU Highlights

The Geography student at UFU has access to twelve laboratories, specifically planned for the best development of the student, such as Cultural Geography and Tourism, Medical Geography, Health Surveillance, among others. In addition, the student can participate in monitoring, internships, extension projects and scientific initiation. The course also has a Junior Enterprise, where their experiences at the university will be expanded .

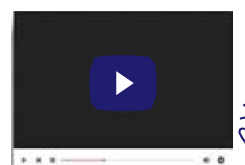


Modalities: bachelor's and licentiate **degrees**
Academic Unit: Institute of Geography **Campus:** Santa Monica **Shifts:** morning and evening
Vacancies per year: 40 (morning) 40 (evening)
Duration: 4 years

Site: igesc.ufu.br/graduacao/geografia
Telephones: (34) 3239-4101
 (34) 3297-6303

Talk to the coordinator:
cocge@ufu.br

Watch the video to learn more!



Information Management



What an information manager does

The Information Manager has become an essential professional for companies in all sectors, as he contributes to these organizations achieving better results and increasing productivity, while reducing costs and improving process efficiency.

This professional is responsible for organizing, identifying, classifying, storing, and sharing the entire flow of data, both in the digital environment with spreadsheets, surveys, and virtual contracts, as well as physical with books and tax documents. The information manager can also work with market analysis and strategic data research, where they will prepare reports for decision-making, strategy definition, product launches, and others.

What you need to know about the course:

The course curriculum is organized in order to offer the student a modern training and in tune with the job market. The disciplines are comprehensive and cover several areas of knowledge. Subjects such as Statistics, Business Plan, Computer Programming, Finance, Marketing, People Management, Project Management and others will be studied. With this broad base, future professionals will be trained to develop business practices in different contexts and situations. The supervised internship is mandatory for the completion of the course.

UFU Highlights

With the support of highly qualified professors in various areas of knowledge, the UFU Information Management student has at his fingertips a space highly prepared to meet all his expectations and needs. With high-tech laboratories, the student can also develop research and scientific initiations and participate in the course's junior enterprise.

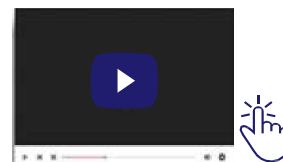


Modality: bachelor's degree
Academic Unit: Management and Business Faculty
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 40
Duration: 4 years

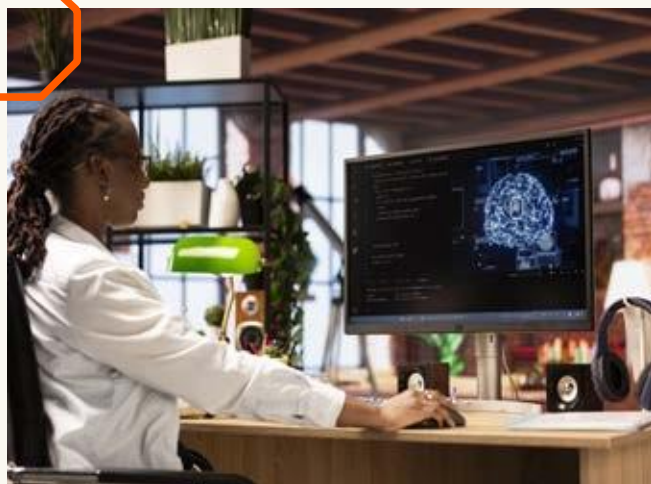
Website:
www.fagen.ufu.br/graduacao/information-management/get-to-know 
Phone: (34) 3230-9485

Talk to the coordinator:
cocginf@fagen.ufu.br

Watch the video to learn more!



Artificial Intelligence



What does a bachelor's degree in Artificial Intelligence do

The Artificial Intelligence professional models, designs, develops, validates, and maintains AI-based solutions, working throughout the development cycle, from problem modeling and data governance to the development, deployment, security, maintenance, and explainability of systems. It acts ethically, in line with current legislation, in companies, startups, R&D centers and academic environments.

What you need to know about the course:

The course has a curricular matrix organized in 8 semesters, with a minimum workload of 3,200 hours, distributed in five training centers. The basic training includes mathematics and statistics disciplines, such as Calculus, Linear Algebra and Probability, fundamental for the understanding and development of AI models. The computer training covers content such as Programming, Data Structures, Computer Architecture and Database. The specific training in AI includes subjects such as Machine Learning, Computer Vision, Natural Language Processing and Robotics. The humanistic training addresses entrepreneurship, law, and legislation, focusing on subjects such as ethics, legislation, data governance, and the social impacts of AI. The course also provides for elective courses, extension activities, Graduation Project and complementary activities, allowing the student to deepen knowledge and enrich their academic and professional profile.

UFU Highlights

The course stands out for the integration between teaching, research and extension. The training is complemented by seminars, lectures, case studies, technical visits and research projects, stimulating critical thinking and student protagonism. The course encourages scientific publication, participation in institutional programs, such as PET and Junior Enterprise, as well as supervised internships and integration with companies and research centers, favoring the professional insertion of students.



Modality: bachelor's degree **Academic Unit:** Faculty of Computing
Campus: Santa Monica **Shift:** Morning
Vacancies per semester: 30 vacancies semesters (60 annual vacancies)
Duration: 4 years

Site: facom.ufu.br/graduacao/inteligencia-artificial
Phone: (34) 3239-4218

Talk to the coordinator: elaine@ufu.br



History



What a Historian Does

This professional can work in the area of teaching, teaching the subject in public and private schools, in elementary and high school. He can also become a researcher, developing research, theses and articles in universities, cultural institutions, among others. In addition, the historian can work in archive management, where he will have the function of managing documents in public and private archives, ensuring the preservation of this heritage and also in cultural bodies and museums, acting in administrative positions, being responsible for organizing exhibitions and managing the collection in museums, memory centers and institutions.

What you need to know about the course:

The History course at UFU offers the modalities of licensure and bachelor's degree, where the student, upon graduating, will have a broad and complete education, being able to work in various areas of the profession. The curriculum is made up of disciplines such as Ancient, Medieval, Modern History, History of Brazil, History of America and the Course Completion Work. The student also has contact with the pedagogical area and must carry out the supervised internship, which is essential for training.

UFU Highlights

The History student at UFU has access to an infrastructure equipped with four research laboratories where he can develop practical activities and further expand the knowledge acquired in the classroom, There is also the possibility of developing extension projects, scientific initiations, monitoring and participating in events and seminars. The student can also count on the support of highly qualified teachers, with years of experience in the most diverse areas.

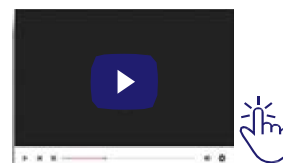


Modalities: bachelor's and licentiate **Academic Unit:** Institute of History **Campus:** Santa Monica **Shifts:** morning and evening **Vacancies per year:** 40 (daytime) 40 (evening) **Duration:** Bachelor's degree (4 years) Bachelor's degree (3 1/2 years)

Site: www.inhis.ufu.br **Phone:** (34) 3239-4199

Talk to the coordinator: cochi@ufu.br

Watch the video to learn more!



Journalism



What a journalist does

This professional is responsible for the access and democratization of information by making it available to citizens in different media, such as TV and radio stations, platforms and digital networks. With the evolution of communication technologies, the journalist also assumes the role of social mediator by organizing, analyzing and making sense of the countless information conveyed in the digital environment. The journalist can work in communication agencies, press offices, corporate communication departments, news portals or have his own enterprise. It is also possible to pursue an academic career by attending graduate school.

What you need to know about the course:

The curriculum of the Journalism course at UFU is organized in order to unite practical and theoretical disciplines in an interdisciplinary structure. During graduation, the student will have contact with general subjects such as Philosophy, Psychology and Sociology, in addition to specific disciplines such as Communication Theories, Print Journalism, Radio Journalism, Telejournalism, among others. To complete the course, the student must carry out a mandatory supervised internship and develop a final project.

UFU Highlights

The course's infrastructure provides the student with four teaching laboratories: News Agency, Newspaper Library, Journalistic Writing and Audiovisual Laboratory. In addition, the student has the possibility of carrying out activities or interning at the UFU Communication Directorate or in the studios of University Radio and TV.

It is important to highlight that the course develops several research and extension projects, which expand the knowledge acquired in the classroom and enhance the student's training. Some of the projects are: Connections - News Agency; Luminar - Media Observatory; Grandstand - Journalistic Coverage of University Sports; Comunicare Jr - Junior Communication Company.



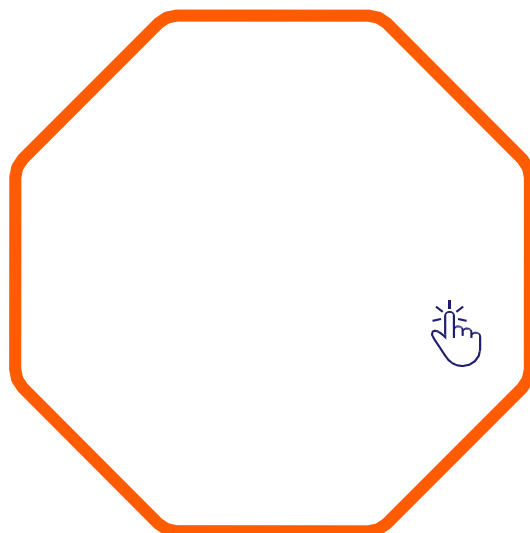
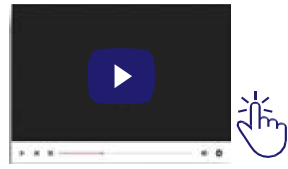
Modality: bachelor's degree
Academic Unit: Faculty of Education
Campus: Santa Monica
Shift: full-time (morning and afternoon)
Vacancies per year: 40
Duration: 4 years

Website:
www.faced.ufu.br/graduation/journalism
Phone: (34) 3239-4471



coordinator:
cojor@faced.ufu.br

Watch the video to
learn more!



Letters: Spanish and Spanish Language Literatures



What a Bachelor of Arts in Letters - Spanish Does

The main field of work for this professional is elementary and high schools, public or private, and also language schools, where Spanish is taught. Due to the importance of learning foreign languages, this professional is always in demand.

In addition to the teaching area, the graduate in Letters: Spanish can work in publishers and translation companies, where they will proofread and translate texts. It is also possible to act as a web content producer.

What you need to know about the course:

Focusing on a comprehensive and interdisciplinary training, the Letters - Spanish course at UFU is offered in the licentiate modality and addresses different aspects of learning the Spanish language. During graduation, the student will have contact with specific disciplines in the studies of the language, literature and teaching of Spanish, such as Oral and Written Competence, Teaching Methodology, Study of Literary Genres and several others. To complete the course, the student must complete four supervised internships.

UFU Highlights

The course's infrastructure offers the student access to several laboratories and support units to carry out the practical and daily activities of the profession. The Language Laboratory, Undergraduate, Multimedia and Project are some of those available for the development of activities and research works. Students also have the Language Center and a Language without Borders unit, where they can take language courses and practice teaching.



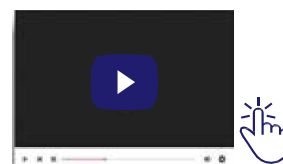
Modality: bachelor's degree
Academic Unit: Institute of Letters and Linguistics
Campus: Santa Mônica
Shifts: morning
Vacancies per year: 20
Duration: 4 years

Website: www.portal.ileel.ufu.br/graduation/letters-Spanish

Telephones: (34) 3239-4124
 (34) 3239-4286

Talk to the coordinator:
coesp@ileel.ufu.br
coespsec@ileel.ufu.br

Watch the video to learn more!



Letters: French and French Language Literatures



What does a Bachelor of Arts in Letters - French do

With the progressive expansion of the offer of remote jobs on multilingual platforms, the graduate in Letters/French will be able to act as a web content producer, advertising copywriter, advisor or consultant in publishers or companies focused on the translation of documents, offering their expertise as proofreaders and translators from Portuguese to French and vice versa.

Due to the relevance of the French language in the most diverse content disseminations and the current importance of foreign language learning, this professional is always required to teach classes in language schools, in the face-to-face and/or remote modalities, and can also act as a coordinator of courses or foreign language teaching projects in elementary and secondary education in public or private schools.

In addition, the graduate in Letters/French has the opportunity to work as a teacher of Portuguese as a Foreign Language, since his training provides him with theoretical and practical knowledge in this area, so necessary today.

What you need to know about the course:

The course is organized in such a way as to guarantee maximum practical and interdisciplinary experiences to the student. During the undergraduate course, specific disciplines will be taught that cover the studies of language, literatures and teaching, including: French Language I to VIII, French Language Teaching Methodology, Supervised Internships in French Language and in Portuguese as a Foreign Language, Translation and Culture.

UFU Highlights

The infrastructure of the course offers students access to several laboratories and support units to carry out the practical and daily activities of the profession. The Language, Undergraduate, Multimedia and Project Laboratories are some of those available for the development of projects and research work. Students also have the Language Center, where they can take language courses and practice teaching.

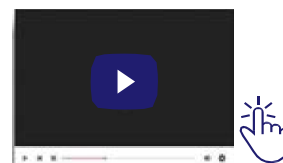


Modality: bachelor's degree
Academic Unit: Institute of Arts and Linguistics
Campus: Santa Monica **Shifts:** evening
Vacancies per year: 15
Duration: 4 years

Site: www.portal.ileel.ufu.br/graduacao/letras-frances
Telephones: (34) 3239-4124
 (34) 3239-4286

Fale com o coordenador:
cofransec@ileel.ufu.br
cofran@ileel.ufu.br

Watch the video to learn more!



Letters: English and English Language Literatures



What a Bachelor of Arts in English Does

As English teachers, graduates will be able to work in face-to-face or distance courses in Elementary, Secondary, Higher Education and Youth and Adult Education. In addition, they will be able to teach private lessons, work in language schools and in bilingual and international schools. They will also be able to work on the preparation and correction of national exams for university admission, on the preparation of didactic material for face-to-face and distance courses; and on reference materials, such as dictionaries and glossaries. There is also the possibility of working in the training of English language teachers, in the pedagogical coordination of bilingual schools and language schools, including the management of their own language schools.

Considering a broader field of activity, the licentiate students will have the possibility to work with translation and revision of texts, interpretation of lectures, editing of books and academic journals, writing of digital content, literary writing and public relations, and will also be able to provide linguistic advice in software development and training.

What you need to know about the course:

The course aims to contribute to the critical, reflective, innovative and transdisciplinary training of teachers who aim to work at different levels of education. Undergraduates will have the opportunity to discuss different strands of study in the areas of Linguistics, Applied Linguistics and Literature. In addition, they will have a solid training to also work in distance learning.

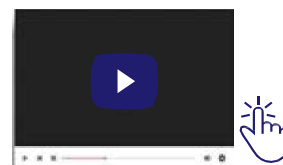
UFU Highlights

The course's infrastructure offers the student access to several laboratories and support units to carry out the practical and daily activities of the profession. In addition to fields of action for teaching initiation, such as the Language Center, Languages without Borders and specific programs, such as PIBID. In addition, they can participate in various extension, teaching and research activities.



Modality: bachelor's degree
Academic Unit: Institute of Arts and Linguistics
Campus: Santa Monica
Shifts: morning and evening
Vacancies per year: 25 (morning); 20 (evening)
Duration: 4 years
Site: www.portal.ileel.ufu.br/graduacao/letras-ingles
Telephones: (34) 3239-4124 (34) 3239-4286
Talk to the coordinator: colnd@ileel.ufu.br

Watch the video to learn more!



Letters: Portuguese and Portuguese Language Literatures



What a Bachelor of Letters - Portuguese Does

The main field of work for this professional is elementary and high schools, public or private. Where he will teach the subject of Portuguese or literature. In addition to the teaching area, the graduate in Letters - Portuguese can work in publishing houses where he will be responsible for reviewing texts and books. It is also possible to act as a web content producer or advertising copywriter.

What you need to know about the course:

The course is organized in such a way as to provide the student with a reflection and a deepening in the studies on language, in terms of structure and functioning, taking into account the historical, social and cultural differences of languages. As it is a degree course, the student will also learn about the teaching of language and literature and teaching practices. Subjects such as Literary Genre Studies, Children's Literature, Literature Teaching Methodology and others will be studied.

UFU Highlights

The course's infrastructure offers the student access to several laboratories and support units to carry out the practical and daily activities of the profession. The Language Laboratory, Undergraduate, Multimedia and Project are some of those available for the development of projects and research works. Students also have the Language Center and a Language without Borders unit, where they can take language courses and practice teaching.



Modality: bachelor's degree
Academic Unit: Institute of Arts and Linguistics
Campus: Santa Monica
Shifts: morning and evening
Vacancies per year: 20 (morning) 20 (evening)
Duration: 4 years

Site: www.portal.ileel.ufu.br/graduacao/letras-portugues
Telephones: (34) 3239-4124 (34) 3239-4286

Talk to the coordinator: copor@ileel.ufu.br coporsec@ileel.ufu.br

Letters: Portuguese Language with Mastery of Libras



What does a graduate in letters - libras do

Due to the importance of this profession, the graduate in Letters - Libras has a relevant field of activity in the job market. Can work with the teaching of the Portuguese language to hearing and deaf people in Elementary and High School in public or private schools. Producing bilingual content and teaching materials (Portuguese/Libras) aimed at non-hearing people is also an option.

What you need to know about the course:

The Letters - Libras course is organized in order to incite a reflective debate on cultural and linguistic differences in society. During graduation, the student will have contact with interdisciplinary disciplines that will expand their experiences at the university such as Language Studies, Theory of Literature, Libras, Sociolinguistics, General Didactics and several others. For an even broader experience, the student must carry out a supervised internship.

UFU Highlights

The course's infrastructure offers the student access to several laboratories and support units to carry out the practical and daily activities of the profession. The Language Laboratory, Undergraduate, Multimedia and Project are some of those available for the development of projects and research works. Students also have the Language Center and a Language without Borders unit, where they can take language courses and practice teaching.



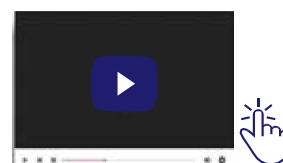
Modality: bachelor's degree
Academic Unit: Institute of Arts and Linguistics
Campus: Santa Monica
Shift: morning
Vacancies per year: 30 **Duration:** 4 years

Site: www.portal.ileel.ufu.br/graduacao/letras-libras

Telephones: (34) 3239-8329
 (34) 3291-8330

Talk to the coordinator:
colpdl@ileel.ufu.br

Watch the video to learn more!



Mathematics



What Does a Mathematician Do

Being a very dynamic profession, where the search for qualified professionals is recurrent, the graduate in mathematics can pursue a career in several areas. The field of product design can be a good option, since this sector needs mathematicians to perform tests on packaging, simulating the functionality to verify its effectiveness in use by the population.

It can also work in both private and public networks for teaching in basic education.

In addition, due to the broad nature of the training, this professional can still work in other segments that include consulting, research and scientific dissemination. The graduate can also work in non-formal educational spaces, such as publishing houses and private or public agencies that produce and evaluate programs and teaching materials.

What you need to know about the course:

The Mathematics course at UFU (Santa Monica Campus) is offered in the bachelor's and licentiate modalities. All students enter the degree and, at the end of the third period, they can opt for a bachelor's degree, if they wish. The curriculum is composed of basic and specific disciplines that will ensure a complete and broad education for the student. Linear Algebra, Algebraic Structures, Informatics and Teaching, Introduction to Number Theory, Education Policy and Management, Educational Psychology, General Didactics are some of the subjects taught in the course.

UFU Highlights

The university provides the student with highly equipped and extremely high quality laboratories, which will meet all the necessary demands during graduation. Students can develop academic activities, research and scientific initiations, participate in seminars, lectures and compete for paid scholarships, which will contribute significantly to the student's learning and experience on and off campus.



Modality: bachelor's and licentiate degrees

Academic Unit: Faculty of Mathematics

Campus: Santa Monica

Shift: full-time

Vacancies per semester: 35

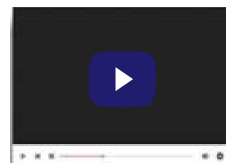
Duration: 4 years

Site: www.famat.ufu.br/graduacao/matematica

Telephones: (34) 3239-4115

Talk to the coordinator:
cocma@famat.ufu.br

Watch the video to learn more!



Music



What a Musician Does

element. The music professional can work in several fields. The bachelor, for example, can act as a solo instrumental performer or in musical formations such as choirs, orchestra groups, symphonic bands and popular music ensembles. He can also work as a cultural and musical producer in private and public institutions or as a music researcher. There is also a growing field of action in the national market in recording studios and in the elaboration of soundtracks for films and shows.

For the graduate, teaching is the main area of activity, enabling the development of activities in elementary and secondary education institutions in the federal, state and municipal systems; in conservatories and music schools and in other spaces that demand music teachers.

What you need to know about the course:

The Music course at UFU is offered in the bachelor's and licentiate modalities, where the student can choose from: popular music, singing, recorder, transverse flute, percussion, piano, saxophone, trumpet, trombone, guitar, violin, viola (bow) and cello. General disciplines are studied that cover three training centers : teaching, research and extension. Musicology, Music Theory, Music Creation are some of the subjects taught. The student still needs to carry out a supervised internship and present a final paper to finish the degree.

UFU Highlights

For the development of practical activities and integration of students and teachers, laboratories equipped with all the materials and equipment necessary for quality training are available. Studio, Music and Technology Laboratory and Research and Extension Laboratories are some of the spaces available. In addition, students can participate in musical groups such as the Cerrado Popular Orchestra, Percussion Group, Transverse Flute Group and several others to expand their experiences and skills.

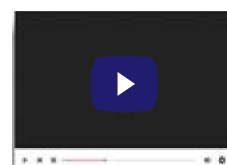


Modalities: bachelor's and licentiate **degrees**
Academic Unit: Institute of Arts **Campus:** Santa Monica **Shift:** full-time
Vacancies per semester: 25
Duration: 4 years (bachelor's degree) and 4 years (bachelor's degree)

Site: www.iarte.ufu.br/musica
Phone: (34) 3239-4214

Talk to the coordinator:
 coorden@demac.ufu.br

Watch the video to learn more!



Pedagogy



What a pedagogue does

The field of professional activity is broad. The pedagogue can work in teaching in early childhood education or in the early years of elementary school, in coordination, supervision or school direction. It can work in the bodies of the education systems (Municipal and State Secretariats of Education or in the Ministry of Education). He can work in educational advice both in educational institutions and in non-school spaces such as companies, hospitals and other organizations.

What you need to know about the course:

The Pedagogy course at UFU is organized in order to offer the student as much autonomy and practical experience as possible. During graduation, the student will have contact with the disciplines of Philosophy, Psychology, History, Sociology of Education and several others with a focus on teaching, such as School Management, Early Childhood Education and Teaching Methodologies. In addition, the student will develop social and communicative skills by participating in various projects throughout the semesters and also by carrying out the supervised internship.

UFU Highlights


Pedagogy students at UFU have the Pedagogical Laboratory at their fingertips, which serves as structural, technical and academic support for the development and improvement of activities developed in the classroom. Students can also participate in seminars and specific projects of the course, which provide a deepening of the topics of interest to the students.



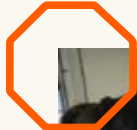
Modality: licensure
Academic Unit: Faculty of Education
Campus: Santa Monica
Shifts: morning and evening
Vacancies per year: 40 (morning) 40 (evening)
Duration: 4 years

Site: www.faced.ufu.br/graduacao/pedagogia-presencial
Telephone: (34) 3239-4197

Talk to the coordinator:
 cocpe@ufu.br



Industrial Chemistry



What Does an Industrial Chemist Do

The industrial chemist plans, organizes, and standardizes the industrial operations of product manufacturing. In addition to being technically responsible for the production process before the Regional Chemistry Councils, this professional develops new products always seeking the use of new raw materials and technologies, with the objective of improving competitiveness in the market.

The profession has an extremely large job market. The chemical industry is the main area of activity of the professional, who can work in various market segments, such as: pulp and paper, textile, sugar, alcohol and alcohol-chemistry, cement, plastic, leather, paints, solvents and varnishes, among others.

What you need to know about the course:

The Industrial Chemistry course at UFU covers three training centers, being the basic training, where the student will study basic components of Mathematics, Physics and Chemistry. In the specific training nucleus, essential skills for the student will be formed, developed in the supervised internship and the course completion work. In the last nucleus, that of academic-scientific-cultural training, the activities complementary to the student's education are chosen by him/herself. In addition, disciplines such as Analytical, Organic, Inorganic, Physical Chemistry, among others, are also taught.

UFU Highlights

UFU students have at their disposal seven chemistry laboratories, with modern and technological equipment, designed to meet all their demands and needs. In addition, practical activities are constant, such as technical visits, scientific and cultural events, lectures and seminars, where students can expand their academic experience.



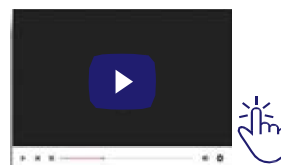
Modality: bachelor's degree
Academic Unit: Institute of Chemistry
Campus: Santa Mônica
Shift: full-time
Vacancies per year: 40
Duration: 4 years

Website: www.iq.ufu.br/graduaca/quimica-industrial/know

Phone: (34) 3239-4103

Talk to the coordinator:
coqin@iqufu.ufu.br

Watch the video to learn more!



Chemistry - Bachelor's Degree



What Does a Chemistry Graduate Do

The graduate in Chemistry is a professional who works as an educator in elementary and high school. Among others, his role extends to seek educational alternatives, plan and organize laboratories for the teaching of chemistry, write and critically analyze textbooks and develop programs for the teaching of chemistry.

As it is a mandatory subject in the school curriculum, the main job opportunities are in public and private educational institutions. There is a shortage of teachers throughout the country, which increases the demand for licentiates. With a postgraduate degree, he can work as a university professor. You can also work in industries and other specific sectors through complementary training.

What you need to know about the course:

The course is organized into three nuclei. The first, of specific training, is made up of mandatory subjects (theoretical and practical), in addition to the final conclusion work of the course. Pedagogical training and academic, scientific and cultural training cover complementary content to the student's training, broadening their horizons. The supervised internship is essential for the student's graduation.

UFU Highlights

The course offers a broad academic and professional training for the future teacher through extension activities, lectures, academic weeks, in addition to the possibility of the student participating in teaching initiation projects with a scholarship. The Institute of Chemistry houses six teaching laboratories equipped with modern materials and instruments in which specific practical and experimental activities necessary for the student's training are carried out. There is also the Pedagogical Laboratory for Teaching Chemistry, equipped with computers and laboratory materials for the preparation and application of pedagogical activities.



Modality: degree **Academic**

Unit: Institute of Chemistry

Campus: Santa Mônica

Shift: night

Vacancies per year: 30

Duration: 5 years

Website:

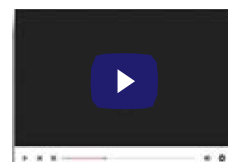
www.iq.ufu.br/graduacao/chemistry-licentiate/know Phone

:(34) 3239-4178

Talk to the coordinator:

coliq.ufu@gmail.com

Watch the video to learn more!



International Relations



What an internationalist does

The International Relations student has a vast field of activity after graduation. As it is a profession in constant development, the search for qualified professionals is always great. The internationalist can work, for example, in a multinational, where he will study market variations, understand the needs of customers and negotiate with suppliers

He can also work in embassies and consulates. At the embassy, the professional will authorize entry visas, issue passports, powers of attorney, birth, marriage and death records. In addition to legalizing national documents and providing assistance to citizens of the country it represents. At the consulate, he has the function of assisting individuals who are traveling or living abroad.

What you need to know about the course:

During the International Relations course, the student will have contact with specific and mandatory disciplines of the course and others that aim to complement their training. Classes are taught at the International Relations Research Laboratory, where students improve and develop analysis techniques. In addition, the student will also learn about the history of international relations, with emphasis on Brazil's performance according to its characteristics in each period. Internships are not mandatory for the student's training.

UFU Highlights

UFU provides International Relations students with access to three high-tech laboratories, where practical classes, joint activities, studies and research will be taught. During graduation, the student will have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas. UFU also offers complementary activities, such as extension projects, scientific initiation, monitoring, conferences and seminars. The student can also join the International Relations Week as a listener or part of the organization team.



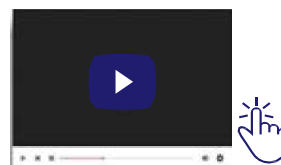
Modality: bachelor's degree
Academic Unit: Institute of Economics
Campus: Santa Mônica
Turno: integral
Vacancies per semester: 40
Duration: 4 years

Site:
www.ieri.ufu.br/graduacao/relacoes-internacionais

Phone: (34) 3239-4167

Talk to the coordinator:
cocri@ie.ufu.br

Watch the video to learn more!



Collective Health



What does a sanitarian do

This professional is responsible for analyzing, monitoring and evaluating health situations, policy formulation, planning, programming and evaluation of health systems and services, in the development of intersectoral actions for health promotion, education and community development in the health area. Being able to work in public and private health institutions. In the public sphere, he can participate in programs of the Ministry of Health, the National Health Surveillance Agency (Anvisa). In the private sphere, its performance is requested by hospitals, health insurance companies and the pharmaceutical industry. The professional also conducts research and develops actions aimed at containing the evils caused by inadequate lifestyle habits, such as a sedentary lifestyle and smoking, or by environmental causes, such as air pollution and water unfit for use.

What you need to know about the course:

The Collective Health course at UFU is composed of disciplines that offer knowledge about biomedical, social and environmental factors that affect human, animal and environmental health. In basic training, disciplines on Epidemiology, Microbiology, Biochemistry, among others, are offered. In the specific training, the student studies Environmental Sanitation, Health Systems in Brazil, Health Law, Health Administration. And in the professional training center, the student studies sanitary surveillance, occupational health, environmental health, among others. The student needs to carry out a supervised internship to complete his graduation.

UFU Highlights

Studying Collective Health at UFU, the student has contact not only with the theoretical area, but also with practice and professional from an early age, being able to participate in lectures, visits, congresses and even develop articles and scientific papers. In addition to being able to intern in municipal, state, federal and private health services. Conditions are provided for the preparation of scientific papers and their presentation at regional, state and national events.

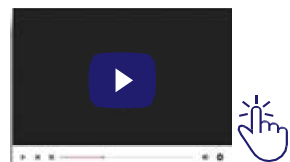


Modality: bachelor's degree
Academic Unit: Institute of Geography
Campuses: Santa Mônica and Umuarama
Shift: afternoon
Vacancies per year: 20
Duration: 4 years

Site: igesc.ufu.br/graduacao/saude-coletiva
Phone: (34) 3230-9432

Talk to the coordinator:
cocgsa@ig.ufu.br

Watch the video to learn more!



Theater



What a theatre graduate does

The graduate in Theater is a professional qualified to work as an actor, researcher and instructor in the field of performing arts (theater, dance, opera, circus), and can act as an actor in cinema or television. Due to the high demand for the cultural market, this professional has a wide range of options and can work in different sectors. Those who opt for the degree will be able to work in public or private educational institutions exercising the role of educator in Basic Education.

What you need to know about the course:

The Theater course at UFU is offered in the bachelor's and licentiate modality, being the student's own choice. The curriculum is composed of essential disciplines for the training of this professional, such as studies related to Improvisation, Theatrical Games, History of the Spectacle and Dramatic Literature and others. Scenography, Lighting, Characterization, among others, are also studied. Both modalities require course completion work and participation in supervised internships for the student's complete training.

UFU Highlights

The course has several laboratories such as Interpretation and Staging, Texts and Scenes, Pedagogical Practices in Theater, Clothing and several others, all equipped with the necessary materials to provide quality and technical training. There are other initiatives proposed for the growth of the student, such as the Pediatricians of Laughter project and the Theater Sharing, which proposes the dialogue of the theater with other sectors.



Modality:

Bachelor's and Licensure

Academic Unit: Institute of Arts

Campus: Santa Mônica

Shifts: full-time (bachelor's and licentiate) and evening (licentiate)

Vacancies per year: 25 (full-time); 20 (evening)

Duration: Bachelor's and bachelor's degrees: 4.5 years; Bachelor's and Bachelor's Degree: 4 years; Bachelor's degree: 5 years

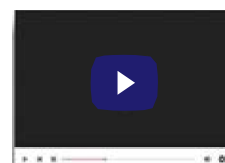
Site: www.iarte.ufu.br/teatro

Phone: (34) 3239-4413

Talk to the coordinator:

teatro@iarte.ufu.br

Watch the video to learn more!



Translation



What a translator does

Due to the relevance of training and the importance of mastery of foreign languages, this professional stands out in the job market. He is responsible for making literary, commercial, economic, legal, scientific, medical and journalistic translations from one language to another. You can also work in the subtitling of films and documentaries and as an interpreter, translating the speech of a speaker at events, congresses, interviews, presentations and others.

What you need to know about the course:

For the training of highly qualified translators with full command of the Portuguese-English languages, the curriculum is composed of subjects such as Translation Techniques, English Language, Text Revision, Translation of Literary Texts and several others. For an even broader training, the student must carry out other complementary activities and present a final work.

UFU Highlights

For the development of the activities proposed in the undergraduate program, the student has access to the Translation Laboratory, the Undergraduate Laboratory and the Language Laboratory. These spaces are equipped with all the necessary materials and equipment for high-quality training. The student can also join the Junior Enterprise Babel Translations, which offers translation and proofreading services in various areas.

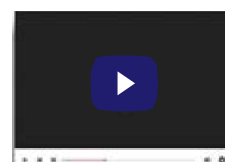


Modality: bachelor's degree
Academic Unit: Institute of Arts and Linguistics
Campus: Santa Mônica
Shift: night
Vacancies per year: 20
Duration: 3 1/2 years

Site: www.portal.ileel.ufu.br/traducao
Phone: (34) 3239-4237

Talk to the coordinator:
 cotrad@ileel.ufu.br

Watch the video to learn more!



UFU Course Catalog | 4th edition



Campus Umuarama

Biomedicine



What does a biomedical do?

The Biomedical works in the fields of biology and medicine researching the environmental factors that cause human diseases and the means to treat them. The professional also performs exams and interprets the results of clinical analyses to diagnose diseases, in addition to doing bromatological analyses to check for contamination in food.

Among the various areas of activity, aesthetic biomedicine stands out, which aims to promote the physical and aesthetic well-being of patients and perform preventive procedures for the physiological aging of the body. In addition to the area of public health, where research can be carried out in order to provide data from diagnosis to scientific discovery for the cure and prevention of diseases.

What you need to know about the course:

The Biomedicine course at UFU provides the student with a broad and comprehensive degree, covering several areas of knowledge. The student will have contact with the medical area, where he will study Anatomy, Embryology, Parasitology, as well as subjects such as Cellular and Molecular Biology, Genetics, Biosafety, among others. The student must also carry out a supervised curricular internship to complete his training.

UFU Highlights

From the beginning of the course, the student is encouraged to participate in scientific activities in general, monitoring, university extension projects and internships. Students have pedagogical support and different types of scholarships provided by UFU to ensure their permanence at the Institution. The students of the course prepare and publish the "Journal of Biomedicine", which deals with current scientific issues, using an accessible and dynamic language.

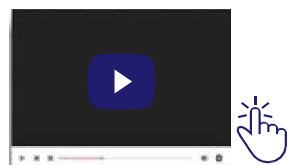


Modality: bachelor's degree
Academic Unit:
 Institute of Biomedical Sciences
Campus: Umuarama
Shift: full-time
Vacancies per year: 25 **Duration:** 4 years

Site: www.icbim.ufu.br/graduacao/biomedicina
Telephones: (34) 3225-8486

Talk to the coordinator: icbim@ufu.br

Watch the video to learn more!



Biotechnology



What Does a Biotechnologist Do?

The job market is growing and demands have increased due to the fact that biotechnology is used in almost all production processes of food, beverages, vaccines, medicines and cosmetics. For many, it is considered one of the professions of the future. The biotechnologist may work on the manipulation of biological material in order to improve the quality of food, produce drugs or make them more effective for treating diseases. It is also possible to work in Agribusiness, with the improvement of techniques to combat pests and diseases in crops and herds. In the health area, the performance of this type of professional is very important, since he can carry out research to improve vaccines and medicines, in addition to acting in the prevention, control and combat of hospital infections.

What you need to know about the course

The course is divided into three training centers, which cover everything from the basic concepts for the training of a biotechnologist to the broadest ones. Disciplines such as Organic Chemistry, Genetic Engineering, Genetic Improvement, Immunology and several others are studied. The internship is mandatory for training and the student will have contact with practical activities while still at the university, contributing to a more complete education.

UFU Highlights

UFU provides Biotechnology students with access to laboratories that are very well equipped with state-of-the-art instruments that are found in few universities in the country. In addition, the teachers are highly qualified, and have extensive experience in the field. As it is a public university, access to research and extension projects are another differential, in addition to the possibility of technical visits to companies in the region and scientific events.



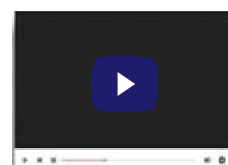
Modality: bachelor's degree
Academic Unit: Institute of Biotechnology
Campus: Umuarama
Shift: full-time
Vacancies per semester: 20
Duration: 4 years

Website:
www.ibtec.ufu.br/graduacao/biotecnologia-campus-umuarama

Phone: (34) 3225-8441

Talk to the coordinator:
 cbiotec@ibtec.ufu.br

Watch the video to learn more!



Biological Sciences - Bachelor's Degree



What does a bachelor's degree in Biological Sciences do?

Biology is the science that studies living beings, the processes of life, their mechanisms, origin and evolution. It considers the relationship between living beings and between them and the environment of which the human being is an integral part. The biologist's work involves the areas of Environment and Biodiversity, Health, and Biotechnology and Production. This professional can research the origin, evolution, structure and functioning of living beings. Work in the health area, for example: clinical analysis, biomolecular diagnostics, gene and cell therapy, vector and pest control, public health and environmental, epidemiological and sanitary surveillance.

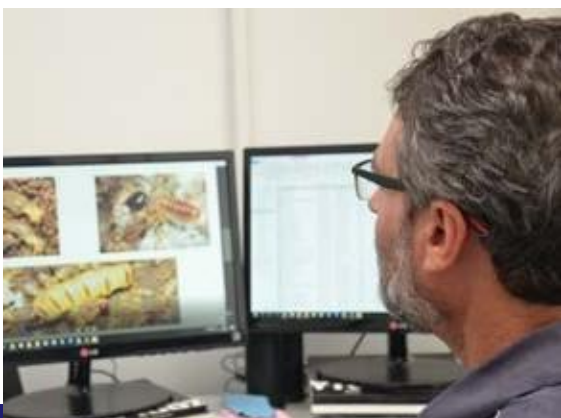
Pursuing a career in companies is also a good bet, after all, the search for professionals in the area who can measure the impact that human activities have on the environment is growing more and more. They can work in food, pharmaceutical, petrochemical industries, among others. The biologist can work in zoos, nature reserves and research institutes. Also, in environmental education, and scientific dissemination, training and teaching in the various areas of their training or professional performance.

What you need to know about the course:

The Biological Sciences course at UFU is divided into two nuclei, the basic and the specific. Students will have contact with disciplines related to Cell Biology, Biological Diversity, Ecology, Fundamentals of Exact and Earth Sciences, Philosophical and Social Fundamentals, among others. In addition, in the specific nucleus, students have more autonomy to direct their training.

UFU Highlights

With one of the best infrastructures in the country, UFU offers laboratories equipped with all the necessary materials for research and practical classes. In addition, the student has the opportunity to participate in lectures and seminars, offer monitoring and participate in a scientific initiation. During graduation, the student will have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas. In addition, practical and field classes are recurrent, providing greater experience. UFU also offers complementary activities, such as extension projects, scientific initiation, monitoring, conferences and seminars, which will contribute in an essential way to your training.

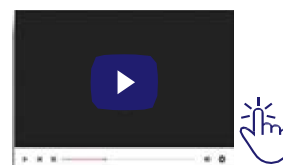


Modality: bachelor's degree
Academic Unit: Institute of Biology
Campus: Umuarama
Shift: full-time
Vacancies per semester: 20
Duration: 4 years

Site: www.inbio.ufu.br
Telephones: (34) 3225-8638

Talk to the coordinator:
graduacao@inbio.ufu.br

Watch the video to learn more!



Biological Sciences - Bachelor's Degree



What does a Biological Sciences graduate do?

With a broad and dynamic job market, the professional with a degree in Biological Sciences has several possible paths to pursue a career. He can work as a teacher in both public and private educational institutions, teaching Science and Biology subjects in basic education (elementary and secondary).

Museums and education departments are also a field of action for the graduate, as well as school administration in positions of supervision, coordination and direction. He can also act as an environmental educator, become a researcher or a consultant in genetics, impacts of climate change, biological control of agricultural pests, conservation of aquatic ecosystems, biological indicators of water quality or other topics within the Biological Sciences. It is worth mentioning that the graduate has competence and can work in the various areas of Biology.

What you need to know about the course:

The course curriculum is organized in order to explore the autonomy and individual experience of students. Basic training disciplines are offered, such as Cellular, Molecular and Evolutionary Biology, Biological Diversity, Ecology, Philosophical and Social Foundations, among others. The student will also delve into components that cover the educational and professional area, inserting graduates in modern and current activities such as science and media, biology and culture.

UFU Highlights

With one of the best infrastructures in the country, UFU offers laboratories equipped with all the necessary materials for research and practical classes. In addition, the student has the opportunity to participate in lectures and seminars, offer monitoring and participate in a scientific initiation. During graduation, the student will have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas. UFU also offers complementary activities, such as extension projects, scientific initiation, monitoring, conferences and seminars, which will contribute in an essential way to your training.



Qualification: degree
Academic Unit: Institute of Biology
Campus: Umuarama
Shifts: night and full-time
Vacancies per semester: 20 (full-time) 25 (evening)
Duration: 4 years (full-time) 5 years

Site: www.inbio.ufu.br
Telephones: (34) 3225-

Talk to the coordinator:
graduacao@inbio.ufu.br

Watch the video to learn



Nursing



What does a nurse do?

The Nursing professional is responsible for working in health care, meeting basic human needs. Required in all sectors of a hospital, from the ICU to the psychiatric ward, the nurse is responsible for first aid, preparation of medical records, preliminary exams and medical records.

In addition, the nurse can still work in the area of occupational nursing, providing outpatient care for employees of a certain company. Where it is also responsible for developing health prevention programs and guiding employees on first aid. It can also work in the area of home care, treating patients in their own homes.

What you need to know about the course:

The Nursing course is taught in the bachelor's and licentiate modalities, consisting of basic disciplines of Health Sciences, Human Sciences and specific subjects of the course. Students will have contact with studies on Human Anatomy, Physiology, Pharmacology, Mental Health Nursing, among others. The supervised internships are carried out at the Hospital de Clínicas de Uberlândia, in the services of the Municipal Health Network and in other health entities. At the end of the course, a final paper is required.

UFU Highlights

The UFU course offers training in the licentiate-teacher modality, a differential that only few universities in Brazil offer. In addition, from the first period, the student has contact with practical activities in the laboratories, where they can have access to mannequins and equipment for simulating basic procedures, such as dressings, probing, bed bathing and medication administration.



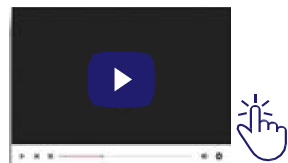
Modalities: bachelor's and licentiate **degrees**
Academic Unit: Faculty of Medicine **Campus:** Umuarama **Shift:** full-time
Vacancies per semester: 40
Duration: 5 years

Website:
www.famed.ufu.br/graduacao/nursing

Telephones: (34) 3225-8603
 (34) 3225-8608

Talk to the coordinator:
cocen@famed.ufu.br

Watch the video to learn more!



Medicine



What does a doctor do?

It is the responsibility of a doctor to promote health, act in the prevention and treatment of diseases and assist in the rehabilitation of human beings. You can work in public or private institutions, such as basic health units, outpatient clinics, emergency rooms, hospitals and clinics, among others.

The job market for those with a degree in medicine is so broad that it is possible to choose from more than 50 specialties, all recognized by the MEC and the Federal Council of Medicine. The most common are pediatrics, gynecology, oncology, general surgery, among many others.

What you need to know about the course:

The medical course at UFU is designed based on four thematic axes, which are professional activities of individual and collective health, discursive activities and laboratory practices, sensory, reflective and formative activities and complementary and support activities and optional disciplines. Students can also experience the routine of the profession in supervised internships, in an internship regime at the UFU Hospital de Clínicas and in the health network of several municipalities, in six areas: internal medicine, surgical clinic, gynecology and obstetrics, pediatrics, collective health and trauma and emergencies.

UFU Highlights

UFU focuses on modern teaching methodologies, prioritizing the autonomy and personal development of each student, so the activities are developed in different environments. The freshman has at his disposal dozens of laboratories equipped with high-tech materials, qualified professionals and specialists in different areas of knowledge. They can also become monitors of some discipline and integrate academic leagues.



Modality: bachelor's degree
Academic Unit: Faculty of Medicine
Campus: Umuarama
Shift: full-time

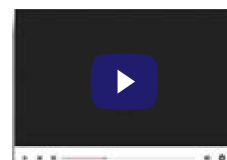
Vacancies per year: 120 (60 in the 1st semester and 60 in the 2nd semester)
Duration: 6 years

Site: www.famed.ufu.br/graduacao/medicina

Telephones: (34) 3225-8620

Talk to the coordinator:
comed@famed.ufu.br

Watch the video to learn more!



Nutrition



What does a nutritionist do?

The professional nutritionist studies the composition of food, the function of each nutrient in the functioning of the human body in order to ensure the health of individuals and the population. The areas of activity of the nutritionist are: clinical nutrition (care in private offices, specialty outpatient clinics in the Unified Health System, wards in hospitals, human milk banks); Nutrition in Sports and Physical Exercise (attendance in gyms, attendance in soccer, volleyball, basketball, swimming and other modalities); nutrition in Collective Food (production of meals in industries, spas, hotel chains, long-term care institutions) and several others.

What you need to know about the course:

The Nutrition course at UFU is organized in such a way that the basic and professional contents are being developed through the knowledge, skills and attitudes developed throughout the semesters. Disciplines such as Nutrition, Food and Nutrients, Nutrition Calculations, Clinical Nutrition, Public Health Policies, Sports Nutrition, Professional Ethics and several others are studied. In addition, supervised internships and term paper are required for course completion.

UFU Highlights

The Nutrition course at UFU has a body of professors committed to teaching, research and extension activities, in the various areas of activity of the nutritionist, providing students with the opportunity to participate in research and extension projects. In addition, technical visits, practical classes, monitoring, partnerships with institutions and companies, curricular and extracurricular internships are also carried out.



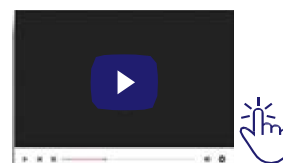
Modality: bachelor's degree
Academic Unit: Faculty of Medicine
Campus: Umuarama
Shift: full-time
Vacancies per semester: 30
Duration: 5 years

Site: www.famed.ufu.br/graduacao/nutricao

Phone: (34) 3235-8584
 (34) 3235-8602

Talk to the coordinator:
conut@famed.ufu.br

Watch the video to learn more!



Dentistry



What Does a Dentist Do?

The dental surgeon works by performing clinical care in a public or private dental office, with attention directed to oral health, promoting the prevention and treatment of caries disease and periodontal diseases, also extending to the oral and aesthetic rehabilitation of the patient. The field of action of the professional graduated in Dentistry has expanded considerably, with the possibility of actions in other services, such as those in hospital, academic, governmental, business environments and also with preventive educational activities aimed at the communities.

Among the competencies of the dental surgeon is the diagnosis of diseases that affect the head and neck region, as well as the reconstruction and rehabilitation of cases of trauma and pathologies in this region. In addition, it is possible to work in an academic career, developing scientific research and teaching classes at universities and private courses. Recently, the aesthetic and functional procedures of orofacial harmonization have also become part of the list of actions authorized for professionals in the field of Dentistry.

What you need to know about the course:

The Dentistry Course at UFU is organized into six training centers, which encompass disciplines with theoretical classes, laboratory practices and clinical activities in the areas of biological and health sciences, human and social sciences, dental sciences, in addition to extension activities, monitoring, scientific research, optional subjects and course completion work. The supervised internships are carried out at the Dental Hospital, UFU Clinical Hospital and in the services of the Municipal Health Network, in the areas of Integrated Dental Clinic, Geriatric Dentistry, Children's Dentistry, Dental Emergency Care and Collective Health. At the end of the course, the graduated student receives the title of Dental Surgeon.

UFU Highlights

UFU offers Dentistry students an infrastructure equipped with all the necessary components for quality training, such as pre-clinical laboratories, a laboratory for making and supporting didactic material, a radiographic interpretation laboratory, a Pediatric Dentistry and Orthodontics laboratory, and an Oral Pathology laboratory.

The Dental Emergency Room offers a 24-hour service and is a differential of the Course, being an environment in which students in the last periods carry out internships and are trained for the prompt care of patients. The care services in specialized clinics as extension activities, in which students can have the experience of hospital care among other specialties, also deserves to be highlighted in the training of students of the Dentistry Course at UFU.



Modality: bachelor's degree
Academic Unit: Faculty of Dentistry
Campus: Umuarama
Shift: full-time
Vacancies per semester: 40
Duration: 5 years

Website:
www.fo.ufu.br/graduation/dentistry
Phone: (34) 3225-8101

Talk to the coordinator:
cocod@umuarama.ufu.br



Psychology



What does a psychologist do?

The psychologist is the professional who studies and analyzes personal and interpersonal relationships, enabling the understanding of individual and group human behavior. He can work in his own or outsourced clinics, at school and/or educational institutions, in hospitals, NGOs, work with the application of vocational tests as well as work in companies.

The role of the psychologist is to promote self-knowledge, behavioral changes, improve the teaching-learning process with regard to the well-being and quality of life of the patient, the employee, the teacher, the student in decision-making, in the search for affective-emotional balance and in the promotion of interpersonal relationships.

What you need to know about the course:

The Psychology course at UFU is structured in two training centers: common core and professional core. The student will have a broad and comprehensive base of studies, covering all areas of psychology, with a focus on a human and ethical formation, in which the training of the generalist psychologist is privileged from the offer of three internship emphases, which are: Clinical and Social Psychology, Psychology and Management Processes, and School and Educational Psychology, interconnected with basic internships, professional training and course completion work.

UFU Highlights

UFU provides Psychology students with access to several high-tech laboratories, where practical classes, joint activities, studies and research will be taught, designed especially for the student's needs. They also have a Psychological Clinic, which provides the student with the conditions to have real and effective professional experiences. During graduation, you will still have contact with extremely qualified professors in various areas of knowledge, able to assist students in all areas.

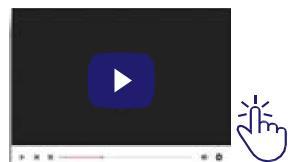


Modality: bachelor's degree
Academic Unit: Institute of Psychology
Campus: Umuarama
Shift: full-time
Vacancies per semester: 40
Duration: 5 years

Website: www.ip.ufu.br/graduation/psychology
Telephones: (34) 3225-8511
 (34) 3225-8537

Talk to the coordinator:
copsi@ipsi.ufu.br

Watch the video to learn more!



UFU Course Catalog | 4th edition



THESE Technical School of Health

Umuarama Campus

Uberlândia



About ESTES

Training people from a citizen perspective and connected to the professionalization needs of society has been the mission of the Technical School of Health (ESTES) for 48 years! Currently, ESTES offers technical professional education courses at the high school level completely free of charge.

Courses offered:

Clinical Analysis,
Environmental Control,
Nursing
Environment Dental
Prosthesis Oral Health
Occupational Safety

ESTES is located at the Umuarama Campus - Blocks 4K and 6X - Bairro Umuarama Uberlândia - MG.

Clinical Analysis Technician



What does a clinical analysis technician do

It is the professional responsible for performing typical activities of clinical and research laboratories. Its work environment takes place in clinical or pathology and medical diagnostic spaces in hospitals, blood centers, clinical analysis laboratories, veterinary laboratories, health centers, research laboratories, among others. With an expanding job market, this professional performs routine activities typical of laboratories, such as welcoming the client, guiding and collecting biological samples and participating in exams in the various sectors of the laboratory. He can also compose and work in multidisciplinary teams, working in the realization and implementation of new biomedical technologies, operating technological apparatuses of health laboratories, applying appropriate techniques for the disposal of fluids and biological and chemical waste, among other attributions.

What you need to know about the course

The student of the Technical Course in Clinical Analysis will learn to guide the patient to prepare the exam, collect blood and other body fluids. You will also learn to perform the main laboratory tests related to the prevention and diagnosis of diseases and will perform several specific tests according to medical request. In addition, it will participate in the entire process of operation, calibration and care for the maintenance of laboratory equipment.

The course lasts a year and a half and is divided into three periods. Part of the classes are taught during the day and another at night. The student will also carry out complementary activities and the supervised internship, which is essential for their training.

ESTES Highlights

The student has access to a high-quality infrastructure, equipped with laboratories where practical classes are taught and research and extension projects are developed. The course also provides students with the possibility of technical visits, participation in scientific events and internships. You will also have contact with a faculty and technical staff that has highly qualified professionals, with years of experience in the area.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Full-time
Vacancies: 30
Duration: 1.5 years

Website: www.estes.ufu.br/cursos-tecnicos/tecnico-em-analises-clinicas

Phone: (34) 3225- 8496

Talk to the coordinator:
 patologia@estes.ufu.br



Environmental Control Technician



What does an environmental control technician do

Future professionals qualified in Environmental Control can work in various segments of the profession, given its dynamicity. The area of activity includes activities related to the environment, such as the management, collection, analysis and control of environmental data, physical-chemical and microbiological analysis of water, effluents and solid waste, operation of water and effluent treatment plants, sorting and treatment centers for solid waste.

What you need to know about the course

The student of the Technical Course in Environmental Control at ESTES will have contact with disciplines that aim at the construction of theoretical-practical knowledge and individual development. The course has a teaching laboratory where practical disciplines are offered in the various areas of chemistry. In addition, there are research and extension laboratories in which students can develop internships, projects and extension actions mainly in the areas of environmental control and monitoring and environmental education, thus contributing to the dynamics of the student's training. In addition, the course also offers technical visits and fieldwork that complement the disciplines of specific environmental areas. The course is taught in the afternoon and evening at the Umuarama campus.

ESTES Highlights

The ESTES student has at his disposal a high-tech infrastructure that enables an extremely high quality training, in addition to a faculty made up of trained professionals in the most diverse segments and who will be ready to contribute to the student's training. Another differential is the strategic location of the city of Uberlândia with several companies in the environment and chemistry segments, which provides the possibility of internships and research for graduates.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Full-time
Vacancies: 30
Duration: 2 years

Website:
<http://www.estes.ufu.br/unidades/course/technical-course-in-environmental-control>

Phone: (34) 3225-8496

Talk to the coordinator:
controleambiental@estes.ufu.br



Nursing Technician



What does a nursing technician do

The Nursing Technician is a professional who participates in health promotion, maintenance, recovery and rehabilitation actions, as well as in the prevention of diseases and injuries, working in multiprofessional health teams, with the ability to work in various fields in the health area – prevention, maintenance, promotion, care, recovery and rehabilitation – in the various life cycles, from the newborn, child, adolescent, adult (man and woman) and elderly, individually, in family, group and community, exercising the profession in a competent, critical, reflective and humanized way.

The Qualification of Nursing Technician makes it possible to perform professional functions with public and/or private agencies (Hospitals, Basic Health Units, Clinics, among others) and in homes, unions, companies, associations, schools, daycare centers and others, according to Decree No. 94,406/87, which regulates Law No. 7,498/86 in article 10, which defines auxiliary activities, of technical medium level, attributed to the nursing team technician.

What you need to know about the course

The student of the Nursing Technician course will have contact with a curriculum that aims to explore individual and intuitive capacity, proposing various activities such as practical classes at the UFU Clinical Hospital, in the Basic Techniques laboratory, where they will have contact with the various techniques of nursing care to the patient that are part of the professional's performance. In the fourth period, they will carry out the supervised internship to complement their training in the best possible way. The course is taught full-time.

ESTES Highlights

The student has at his disposal a Laboratory of Basic Nursing Techniques with the necessary equipment for an extremely high quality training, where he will have practical and theoretical classes. The student can also contribute to his education by participating in seminars, lectures, local, regional, national and international conferences.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Full-time
Vacancies: 40
Duration: 2 years

Website:
www.estes.ufu.br/cursos-tecnicos/tecnico-em-enfermagem

Phone: (34) 3225-8496

Talk to the coordinator:
 coenf@estes.ufu.br



Environmental Technician



What an Environmental Technician Does

This professional, upon graduating, will be qualified to work in several areas, since the course is dynamic and the demand is very high. He can manage the inspection of environments in order to avoid pollution and contamination of the environment, he can work in quality control laboratories of industries and companies, as well as in water and sewage treatment plants. In addition, the Environmental Technician can also work in public environmental institutions, city halls, health and environmental surveillance services and private companies and industries.

What you need to know about the course

The course seeks to enable the student to carry out professional activities in the environmental area that meet the demands of the labor market. He will learn to implement actions that reduce environmental impacts, analyze economic, social and environmental characteristics to identify the activities in the area that can be implemented. In addition, due to the dynamic and intuitive character of the curriculum, the student will have an ethical, humanistic and socially responsible education. The subjects are taught at night and the course lasts three years.

Highlight THESE

The student of the Technical Course in Environment at ESTES can complete high school and also the professional course, obtaining at the end a certificate issued by UFU, which favors their insertion in the job market. In addition, practical visits are recurrent and the student has contact with the professional area early on. The faculty is made up of highly qualified professionals in various segments and is able to assist the student with all their demands throughout the course.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Night
Vacancies: 40
Duration: 3 years

Website: www.estes.ufu.br/cursos-tecnicos/tecnico-em-meio-ambiente

Phone: (34) 3225-8496

Talk to the coordinator:
 ctma@estes.ufu.br

Dental Technician



What does a dental technician do

This professional can manage his own business in dental laboratories or provide services in clinics, dental offices, companies in the dental segment, public institutions, dental hospitals, educational institutions and armed forces.

It is also responsible, together with the dental surgeon, for the planning and execution of dental technical work aimed at restoring the patient's functional and aesthetic capacity through dental prostheses.

What you need to know about the course

The student of the Dental Prosthesis Technician course at ESTES will have contact with the disciplines of dental anatomy, fundamentals of orthodontics and prostheses, in addition to deepening the knowledge of management and entrepreneurship and perception and aesthetics. In addition, the disciplines are focused on the intuitive learning of students, so most of them are offered in the practical model, where students can further develop the skills acquired throughout their undergraduate studies. The course is offered full-time and allows the student to complete all credits in eighteen months.

ESTES Highlights

The student of the Dental Prosthesis Technician course at ESTES has highly equipped laboratories, where he will have the opportunity to make the different types of dental prostheses that are necessary for his training. The student can also participate in research and extension projects, making dental and ocular prostheses for real patients.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Full-time
Vacancies: 25
Duration: 2 years

Website: www.estes.ufu.br/cursos-tecnicos/tecnico-em-protese-dentaria

Phone: (34) 3225-8496

Talk to the coordinator:
 protese@estes.ufu.br



Oral Health Technician



What does an oral health technician do

Future professionals can work both in clinics, hospitals and dental offices as well as in the Unified Health System (SUS) performing activities for the prevention and control of oral diseases. He can guide groups and people about oral health, supervise the work of the oral health assistant in a dental office.

It can also act in inventory control and management of equipment maintenance in dental offices, carry out studies related to oral health and instrument the dental surgeon in clinical and hospital environments.

What you need to know about the course

The curriculum aims to train a professional according to the needs of the job market, so the student will learn to perform auxiliary tasks in the entire area of dental care. He will develop the necessary knowledge to act by providing assistance to the dental surgeon at all stages of the consultation, such as reception, accommodation, preparation of clinical procedures and patient care. The course is full-time and lasts eighteen months.

Highlight THESE

The Oral Health Technician course provides the student with access to laboratories, the course's office and dental hospital that have state-of-the-art equipment and instruments, following the evolution of the profession. The teachers are highly qualified with years of experience. In addition, ESTES offers opportunities for aid (such as daycare, food, transportation) and scholarships for research and extension projects for students.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Afternoon, Evening
Vacancies: 30
Duration: 3 semesters

Website:
www.estes.ufu.br/cursos-tecnicos/tecnico-em-saude-bucal

Phone: (34) 3225-8496

Talk to the coordinator:
tsb@estes.ufu.br



Occupational Safety Technician



What an occupational safety technician does

The Occupational Safety professional has a vast field of activity. In general, he works in companies organizing accident prevention programs, guiding workers on the use of personal protective equipment, preparing environmental risk prevention plans, carrying out safety inspections, technical reports and also organizing and giving lectures and training. This professional is also responsible for implementing environmental and ecology programs in the company.

What you need to know about the course

The Technical Course in Occupational Safety prepares the professional to work in the preservation of the health and safety of workers in companies. Students will be prepared to identify and evaluate routines, work protocols, facilities and equipment, implement occupational safety programs, accident prevention measures and quality, environmental and social responsibility policies. They will act in the prevention of accidents and in the improvement of working conditions, so as not to generate losses for the worker, company and society, and also provide improvement in the quality of life.

Highlight THESE

The course offers a modern Occupational Safety laboratory, being the first occupational safety laboratory in the Triângulo Mineiro and the second in Minas Gerais. In addition, it is possible for students to make technical visits to companies in different fields of activity, participate in scientific events and internships. It is also worth mentioning the extension project for the provision of services of the course, where freshmen will be able to provide services to the entire region and get to know the job market up close.



Modality: Technical
Special Teaching Unit: These
Campus: Umuarama
Shift: Full-time
Vacancies: 40
Duration: 3 semesters

Website: www.estes.ufu.br/cursos-tecnicos/tecnico-em-seguranca-do-work

Phone: (34) 3225-8496

Talk to the coordinator:
cotst@estes.ufu.br



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Realization

Dean of Undergraduate Studies 

