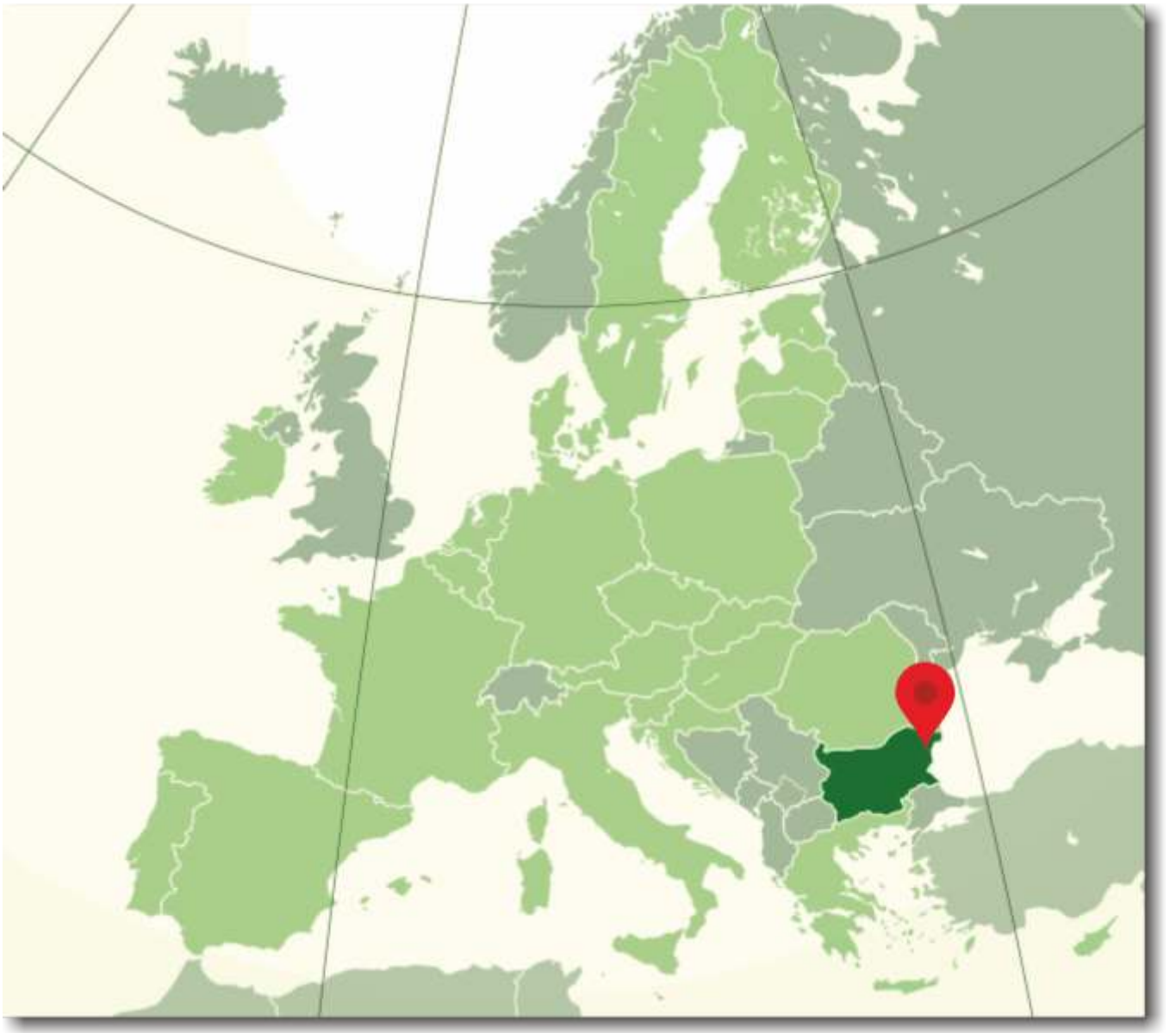
Technical University of Varna

Education and qualification of Bachelor degree

University maintaining traditions for students shaping the future



Location of Bulgaria (dark green)
– in Europe (green & dark grey)
– in the European Union (green) – [Legend]

Capital and largest city	**Sofia 42°41′N 23°19′E**
Official languages	**Bulgarian**
Official script	**Cyrillic**
Ethnic groups (2011)	84.8% Bulgarians 8.8% Turks 4.9% Roma 0.7% others
Area	
• Total	110,993.6 km^2 (42,854.9 sq mi)
• Water (%)	2.16
Population	
• 31-12-2019 estimate	6,951,482
• Density	63/km^2 (163.2/sq mi)
Currency	Lev (BGN)
Time zone	UTC+2 (EET)
• Summer (DST)	UTC+3 (EEST)
Driving side	right
Calling code	+359
Internet TLD	.bg .бг

VARNA – THE SEA CAPITAL OF BULGARIA

The town was established as a trading colony in 570 B.C. under the name of Odessos ("town by the water") by Greek sea-faring colonizers from the town of Milet in Asia Minor at the site of an earlier Thracian settlement;

In 15 B.C. the province of Moesia, where Odessos fell in, was finally annexed to the Roman Empire;

2nd and 3rd centuries were the most successful years of the town. The Romans fortified the town, built a water-supply system, sewage, many temples and public buildings, amongst which the currently famous 'Thermal Baths';

After the final division of the Roman Empire in 395 A.D., the town became an important port of the Eastern Roman Empire (Byzantium) and it was converted to Christianity;

The town was destroyed several times: by the Huns (in 5th c. A.D.), by the Avars and the Slavs (in 6th c. A.D);

The Slavs gave the town its present name, Varna;

During the 13th and 14th century Varna turned into a thriving commercial port town frequented by merchant ships from Genova and, later, from Venice and Ragusa.

In 1393 Varna was captured by the Ottoman troops;

Scan the QR code for further information

10 November 1444 - Battle of Varna – a crusade for the liberation of the Christians on the Balkan Peninsula led lead by Vladislaus III Jagello and the Hungarian voivode Janos Hunyadi (20,000 crusaders) who suffered a defeat by the strong army of Sultan Murad II (60,000 soldiers);

The Russians temporarily took over the town in 1773 and again in 1828 in one of the Russian-Turkish wars. In 1830 though, following a series of battles, they returned it to the Ottoman Empire;

The first railway on Bulgarian land connecting Varna with the port of Rousse on the Danube was built in 1866. Thus the fastest link between the Ottoman capital of Istanbul and Central Europe was set up;

The town was finally liberated on 27 July 1878 after the Russian-Turkish war of 1877-1878 and then it started growing rapidly;

The world-known Chalcolitic (Eneolithic) Necropolis – 5th – 4th millennium B.C., consisting of 294 graves, was discovered in October 1972 not far from Varna. Only gold items are more than 3,000 and they weigh over 6 kg in total, they were made of 23,5 carat gold, and are considered to be the oldest gold treasure in the world or hundreds of years older than any other one found so far.

DEAR APPLICANTS,

WELCOME TO TECHNICAL UNIVERSITY OF VARNA!

Technical University –Varna is one of the most prestigious universities in Bulgaria founded over half a century ago. The University is institutionally accredited with the highest grade by the National Evaluation and Accreditation Agency of the Republic of Bulgaria.

Regardless of which area of knowledge you would choose, you are facing four dynamic years of interesting and serious work at our higher school in order to be awarded the first education and qualification grade of Professional Bachelor or Bachelor. It will give you the chance of making a highly specialized professional career, as well as continuing your academic development further.

Technical University –Varna offers an excellent opportunity to all striving for development and career in a wide range of engineering professions, agronomy or social management which we provide education in.

The four university faculties possess the most modern education, information and scientific and research facilities. The general and specialized laboratories, simulators and any other facilities are equipped by leading global companies in computer sciences, electronics, communications, maritime transport, etc. Students have the opportunity to acquire additional certificates of professional skills issued by international companies, such as Microsoft, Cisco, Siemens, etc., during their education. Students are encouraged by numerous scholarship programmes and provided opportunities for internship, practice, work, due to the close collaboration with the business.

All students have the chance of academic mobility under the Erasmus+ Programme and other international programmes for one semester or for preparation of a graduate paper at leading European universities.

Traditionally, our students are awarded prizes in international and national Olympiads in mathematics, programming, computer mathematics, in contests in applied areas like entrepreneurship, mediation and in sports championships, they participate in social projects, organize charity campaigns. There are 13 interest clubs to the Student Council where every student may enroll free of charge and do photography, robotics, programming, creation of automobile prototypes and competitions with them, folk dances and many other options.

The Management of Technical University-Varna undertake to continue creating the best opportunities for beneficial education in a calm and motivating environment and provide you with the necessary support in order to make a quick, successful career and have self-confidence on the labour market.

Dear applicants.

Having your education with us, you will fulfil an important stage of your life relating to materializing your dreams and I truly wish you to start along your own way and walk it with satisfaction!

Good luck!

Rector of TU - Varna

DEAR APPLICANTS,
WELCOME TO TECHNICAL UNIVERSITY OF VARNA!

Your school years have passed and now it's the time to make your next choice which your development as professionals also depends on. The most important challenge you would face is the choice of a higher school and the entry into a new, completely different environment.

Our university has proved itself throughout the years by the rich variety of specialties, modern specialized rooms and the students' successful career-making. Technical University –Varna is known by the business and government authorities for its good reputation. The academic management and the lecturers, together with the Student Council's representatives, work jointly for maintaining and enhancing the quality of education at our university. That includes constant curriculum updating and opening of new specialties having good development in the world of business. The university offers countless opportunities for career development during your education here and after that. Any theoretical competences you will acquire here in a field chosen by you are a small part of the skills you would acquire as future specialists. You can develop your potential with us and gain extensive experience in the field chosen by you. That is evidenced by the graduates from Technical University – Varna having made successful careers and proven themselves as specialists.

During your education here, we, the Student Council would constantly assist you, defend your rights and encourage you to develop within the field of your interests. You may always refer to us when you have an idea you would like to materialize, or questions you have no answers to, or anything else you are excited with. Especially for you, first-year students, we arrange a welcome to help you become a part of the student community of the university faster, and later you would be able to participate also in a number of other events, such as Sports tournaments: football, basketball, volleyball, table-tennis, relay race, darts, etc., where you can measure your strength with your colleagues, Strongman and Student science session at national level; Conferences; Information days; Career days; Competitions by various specialties; Faculty evenings; Topic parties; Charity campaigns; Christmas market; Easter market; Exhibitions, and many more.

I wish you successful passing of the forthcoming admission exams and let the choice of a higher school and a specialty you make be the most appropriate for you!

Good luck!

Kameliya Yordanova, Chairman of the Student Council

Technical University of Varna

CONTENTS

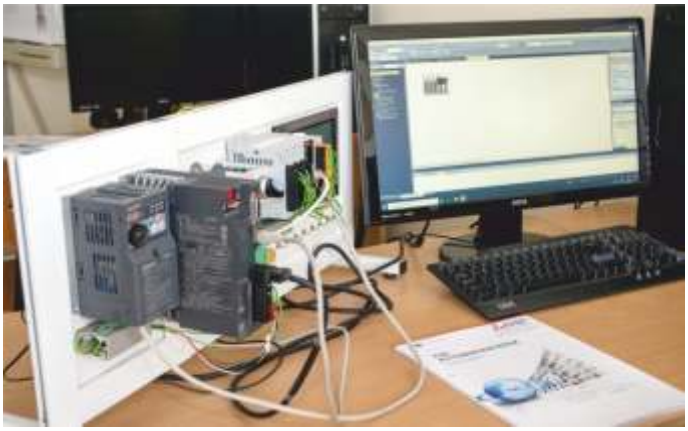
AUTOMATION, INFORMATION AND CONTROL COMPUTER SYSTEMS (AICCS)

What skills am I going to develop?

- Programming of PLC (programmable logic controllers);
- Development of Web-based applications for PLC;
- Computer modelling of automatic control systems;
- Design, implementation, setting up and operation of control microcomputer systems;
- Development of software for control computer systems;
- Building and administration of industrial computer networks.

Which professional area may I work in?

- Designer of automated systems of technological process control;
- System engineer for development and operation of information and control computer systems;
- Administrator of industrial computer networks;
- Engineer of building automation;
- Operator in a command room;
- Engineer of instrumentation and automation;
- Manager of a department, an engineering or industrial company;
- In education.



AUTOMOTIVE ENGINEERING (AE)

What skills am I going to develop?

- Design of internal combustion engines and automobiles;
- Automobile service and repair;
- Organization and management of automobile companies;
- Automobile diagnostics and control.

Which professional area may I work in?

- Designer;
- Service engineer;
- Technologist in automobile repair;
- Consultant-expert on road accidents;
- Automobile diagnostics and control;
- In education.

AGRONOMY (A)

What skills am I going to develop?

- Technological management of agrarian production at growing cultural plants, with taking all decisions required for the purpose, such as assessment of the production conditions, choice of crop, variety and technology;
- Management of a team of technical assistants;
- Application of production technologies.

Which professional area may I work in?

- Agronomist in private farms and cooperatives;
- Sales representative of national and international companies in agriculture;
- Consultant of companies in the agricultural sector;
- Expert in government, district and municipal institutions in agriculture.

BIOMEDICAL ELECTRONICS (BME)

What skills am I going to develop?

- Design and construction of apparatuses and facilities in biomedical electronics;
- Production of apparatuses and facilities in biomedical electronics;
- Repairs in biomedical electronics;
- Consultancy and business in biomedical electronics.

Which professional area may I work in?

- Designer and constructor of biomedical electronic products;
- Production of biomedical electronic products;
- Hospital service engineer in biomedical electronics;
- Consultant on biomedical electronic products;
- In education and training.

COMPUTER SYSTEMS AND TECHNOLOGIES (CST)

What skills am I going to develop?

- System and network administration;
- Development of applied software based on C++, C#, Java;
- Database application;
- Development of multimedia and Internet applications;
- Design of control microprocessor systems and controllers.

Which professional area may I work in?

- Computer hardware and software engineers;
- Software developers;
- System and network administrators;
- Web designers and Internet programmers;
- In education and training.

The education is conducted by curricula fully, for the first time in Bulgaria, complying with the latest recommendations of the international organisations IEEE (Institute of Electric and Electronics Engineers) and ACM (Association of Computer Machines). These curricula have been agreed with leading companies in information technologies, as well as the curricula of a number of European universities.

COMPUTERIZED TECHNOLOGIES IN MACHINE BUILDING (CTMB)

What skills am I going to develop?

- Design of articles and technologies, both independently and in a team, by means of software systems, such as AutoCAD, SolidWorks, FeatureCAM, etc.;
- Engineering analyses and optimizations yet in the process of designing articles by SolidWorks Simulation, Moldex3D, etc.;
- Assessment of technological objects and systems in view of the modern concepts of quality, reliability and competitiveness of the articles;
- Production organization in companies with both traditional and computer control of production facilities;
- Design, modelling and optimization of the necessary technological and/or instrumental equipment;
- Programming and setting up modern machines and equipment with digital programming control.

Which professional area may I work in?

- Operational manager of units in industrial companies;
- Designer in designing and technological departments;
- Organizer of various types of production;
- Technical equipment maintenance and repair;
- Supply of specialized equipment, instruments and materials;
- In education.

ELECTRIC ENGINEERING AND ELECTRIC TECHNOLOGIES (EEET)

What skills am I going to develop?

- Practical knowledge and skills through tests in laboratory conditions close as much as possible to the ones in a real working environment;
- Designing, building, service and diagnostics of electric actuators and electric vehicles;
- Designing, building, service and diagnostics of electric and electrotechnological apparatuses and systems for industrial, household and ecological purposes;
- Opportunity for acquiring full designer's capacity as an investment design engineer after the completion of the education and qualification degree of Master.

Which professional area may I work in?

The graduates in the subject of Electric engineering and electric technologies will be able to:

- Work in any company of design, manufacture and maintenance of electric equipment and devices in the field of Electric industry, Electric power engineering, Electric technologies, Renewable energy resources and Electric vehicles;
- Continue their education in Master courses in Electric engineering and Renewable energy sources;
- Specialize in PhD programmes in Electric technologies and nanotechnologies in electric engineering and Electric machines and apparatuses.

ELECTRIC EQUIPMENT OF SHIPS (EES)

What skills am I going to develop?

- Design of electric power stations of ships and floating objects, protection and control systems of electric power stations, systems of local and overall automation of ship technical equipment and objects;
- Operation, maintenance, diagnostics, analysis and prognostication of the condition of ship electric power systems, aggregates and technological installations, automation systems, information systems, navigation and safety devices.

Which professional area may I work in?

- Electricians on commercial, technical and passenger ships;
- Managers, designers, technologists and assistants in offices, companies and research centres in the field of shipbuilding and ship repair in the part of electric equipment.

ELECTRIC POWER ENGINEERING (EPE)

What skills am I going to develop?

- Knowledge in intelligent and classic electric grids and systems;
- Knowledge in electric power stations and substations;
- Computer modelling of electric grids and systems and analysis of any processes in them;
- Knowledge in relay protection and automation.

Which professional area may I work in?

- Operational manager in companies of production, transfer and distribution of electric power;
- Designer with regulated capacity in designing companies;
- Technical manager and entrepreneur in electrical fitting and construction companies;
- Specialist in computer analyses of normal and emergency modes of the electric power engineering systems in control centres;
- Specialist in designing and setting up automatic systems and digital protection;
- Specialist working in scientific organisations and universities or in units of scientifically applied activity.

ELECTRIC POWER SUPPLY AND ELECTRIC EQUIPMENT (EPSEE)

What skills am I going to develop?

- Electric power supply to industrial, public and household objects;
- Industrial electric equipment;
- Electric equipment of specialized productions;
- Industrial electronics and automation of production processes;
- Lighting installations;
- Electric transport.

Which professional area may I work in?

- Power engineers and operational staff in industrial companies and electric power distribution companies;
- Designers with regulated capacity;
- Technical managers and entrepreneurs in electric fitting and construction companies;
- Inspectors of the control authority on health labour conditions;
- Municipal experts and specialists in Electric power supply and Energy efficiency.

ELECTRONICS (E)

What skills am I going to develop?

- Design and construction of modern apparatuses and facilities in the field of electronics;
- Production of apparatuses and facilities in the field of electronics;
- Repairs in the field of electronics;
- Consultancy and business in the field of electronics.

Which professional area may I work in?

- Designer and constructor of electronic products;
- Production of electronic products;
- Service engineer in the field of electronics;
- Consultant in the field of electronics;
- In education and training.

ENGINEERING ECOLOGY (EE)

What skills am I going to develop?

- Operation of measuring devices for environmental quality control;
- Monitoring, analysis and assessment of the condition of water, air, soils, ecosystems;
- Research of natural habitats and protection of bio diversity, operation and maintenance of treatment facilities;
- Application of physical-chemical and biological treatment methods;
- Management and conduct of environmentally friendly use of nature;
- Elaboration and implementation of programmes and projects on environment and sea protection.

Which professional area may I work in?

- As ecologists in private and state companies, public organisations and institutions relating to environmental protection and operation of treatment facilities;
- As ecologists and experts in municipal and district administrations, Regional inspectorates of environment and water, Basin directorates, Port Administration, Maritime Administration and other control authorities;
- Sea transport and ports, RES sector;
- Skills in team work and work in research projects;
- In scientific and research centres and teams, etc.

HEAT ENGINEERING AND INVESTMENT DESIGN (HEID)

What skills am I going to develop?

- Computer design (of building and industrial heat engineering systems);
- Computer simulation in heat engineering systems;
- Programming – development of specialized software in heat engineering;
- Consultancy on energy efficiency (of buildings and industrial systems);
- Managerial and organisational skills;
- Heat engineering system operation and repair;
- Skills in performing control functions at designing and construction supervision.

Which professional area may I work in?

- As a designer;
- As a programmer - development of specialized software in heat engineering;
- As a consultant on energy efficiency;
- As a manager in industry;
- Control functions in the control and administration authorities of town systems and construction supervision companies;
- In secondary and university education.

INDUSTRIAL DESIGN (ID)

What skills am I going to develop?

- Solving complex designing tasks independently and in a team;
- Designing products and articles of industrial, polygraphic and textile design using traditional and modern designing principles, methods and technical means;
- Organization and management of designing, manufacture and installation of the articles and products created;
- Performance of consultancy and business relating to products of design and re-design.

Which professional area may I work in?

- Designers of machine building, electrotechnical and electronic articles;
- Designers of household equipment;
- Graphic designers;
- Interior and exterior designers;
- Artistic designers, etc.

INDUSTRIAL MANAGEMENT (IM)

What skills am I going to develop?

- Analysis and assessment of the processes and phenomena in economy;
- For designing of an industrial enterprise and of technological processes;
- For management of an industrial enterprise, as well as of its functional areas: marketing, production, finances, human resources, innovations, logistics, etc.;
- For conducting entrepreneurial activity;
- In the organizational behavior;
- In business communications;
- In business assessment, etc.

Which professional area may I work in?

- Managers of small and medium enterprises in industry and services;
- Managers of functional units in industrial enterprises (marketing, finances, human resources, innovations, production, logistics, etc.);
- Managers of technological units in industrial enterprises;
- Business analysts and experts – business development;
- Experts in production technologies and industrial engineering;
- Consultants in management of small, medium a large enterprises, etc.

INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)

What skills am I going to develop?

- Mobile and Internet technologies;
- Computer networks;
- Telecommunication networks;
- Optical technologies;
- Video and audio technologies;
- Software technologies.

Which professional area may I work in?

- IT specialist;
- System engineer;
- Network engineer;
- Network maintenance engineer;
- Engineer in security alarm equipment;
- Designer of telecommunication networks;
- Network security specialist.

MACHINE BUILDING EQUIPMENT AND TECHNOLOGIES (MBET)

What skills am I going to develop?

- Knowledge of the features and application of engineering materials;
- Knowledge of the material processing methods and technologies;
- Knowledge of the computer design of technological objects.

Which professional area may I work in?

- Operators, technologists, organisers of the production in the machine building industry;
- Constructors of articles, facilities, instrumental and technological equipment;
- Production equipment maintenance and repair;
- Scientific and research and design and constructing activity in scientific and research organisations;
- In education.

NAVIGATION (N)

What skills am I going to develop?

- Determination of the ship location;
- Assessment of the accuracy of the determined location;
- Navigation planning;
- Operation of navigation technical equipment;
- Seafaring astronomy;
- Operation of ship machines and mechanisms;
- Nautics;
- Survival in the sea;
- Fire fighting on ship;
- Handling and stacking of cargo onboard;
- Commercial ship operation;
- Environmental protection;
- Care of any persons onboard.

Which professional area may I work in?

- Ship watch officer;
- Ship captain;
- Ship operator;
- Pilot;
- Maritime administration employee;
- Ship agent.

POPULATION PROTECTION AT DISASTERS AND ACCIDENTS (PPDA)

What skills am I going to develop?

- Participation in the physical, technical and special training of any persons acting in emergencies;
- Participation in the elaboration of situation tasks and plans of carrying out rescue works;
- Management of the sub-divisions, coordination of the activities of investigation and casualties rescue groups on stand-by and actions in conditions of emergencies;
- Industrial electronics and production process automation;
- Coordination of rescue group operations;
- Prevention work.

Which professional area may I work in?

- In positions in the structures of security and population protection in the government administration and local authorities;
- In industry: in companies of the chemical, mining, processing and metallurgical industries, power engineering, and other spheres of industry of higher risk;
- In structures providing emergency and rescue operations in the sea and environmental protection at sea disasters, averages and catastrophes;
- Performance of consultancy and expert activity in favour of government institutions and non-government organisations;
- Work in education and other areas of social-economic life.

PRODUCTION ENGINEERING (PE)

What skills am I going to develop?

- I am going to be able to work with modern engineering software systems, such as: AutoCAD, SolidWorks, FeatureCAM, etc.;
- I am going to be able to set up and maintain systems of process control in enterprises;
- I am going to be able to assess and control the quality, reliability and competitiveness of various types of articles and services;
- I am going to be able to plan, organize and control the production in companies with traditional and computerized control of production facilities;
- I am going to be able to assess the risk and reliability of technological objects, processes and systems;
- I am going to be able to perform re-engineering of technological objects, processes and systems.

Which professional area may I work in?

- Manager of small and medium companies in various industries;
- Unit manager of medium and large industrial companies;
- Specialist of systems of planning, management and control of quality, risk and reliability;
- Specialist of re-engineering of technological objects, processes and systems.

RENEWABLE ENERGY SOURCES (RES)

What skills am I going to develop?

- Practical knowledge and skills through tests in laboratory conditions close as much as possible to the ones in a real working environment;
- Skills of designing, building, service and diagnostics of electric and electronic apparatuses designated for systems of renewable energy sources;
- Opportunity for acquiring full designer's capacity as an investment design engineer after the completion of the education and qualification degree of Master.

Which professional area may I work in?

- Building and service of wind farms;
- Building and service of photovoltaic systems and stations;
- Building and service of solar collection systems;
- Building and service of biogas installations;
- Building and service of geothermal installations;
- Service engineer of electronic and automated systems.

ROBOTICS AND MECHATRONICS (RM)

What skills am I going to develop?

- Development of software for robotized and controlling computer systems;
- PLC (programmable logic controllers) programming;
- Computer modelling of robotized systems;
- Elaboration of robot management algorithms;
- Elaboration, introduction, setting up and operation of systems of control of manipulators, robotized complexes and technical facilities for the industry and household;
- Engineering hardware maintenance of microcontroller and microcomputer controlling systems.

Which professional area may I work in?

- Designer of automated systems of control of robotized complexes and manipulators;
- System engineer for development and operation of robotized systems;
- On-duty operator in a command centre;
- Manager of a department, engineering or industrial company;
- In education.

SHIP MACHINES AND MECHANISMS (SMM)

What skills am I going to develop?

- Technical skills in design of elements and assemblies of ship machines, systems and installations; fitting and repair of ship machines and systems; operation and diagnostics of modern programme products;
- Quickness of mind, decisiveness, responsibility assumption;
- Resilience to physical and psychological loads and adaptation to new conditions and activities;
- Independent actions and initiative behavior;
- Coordination of the work of rescue groups.

Which professional area may I work in?

- Ship mechanics on ships of the Bulgarian and global sea and river fleet, paid according to the global standards for that activity;
- Ship mechanics of floating sea facilities for utilization of the global ocean resources;
- Ship mechanics in shipyards and ship repair yards, as well as in the fixed power engineering.

SHIPBUILDING AND MARINE EQUIPMENT (SME)

What skills am I going to develop?

- Technical skills for work with complex structural drawings and engineering documentation;
- Basic knowledge of commonly used software for 3D ship modelling;
- Organization and leadership skills;
- Creative thinking;
- Team work;
- Skills for effective communication.

Which professional area may I work in?

- Shipyards and ship repair yards;
- Ship machine building plants and similar enterprises;
- Classification organisations and controlling authorities;
- Design and consultancy companies;
- Maritime administration divisions;
- Scientific and research institutes;
- In university education.

SOCIAL MANAGEMENT (SM)

What skills am I going to develop?

- Management of structures and units of the social sphere;
- Elaboration of national, regional and local policies in the social sphere;
- Social work with adults, troubled children, jobless, ethnic cultural communities;
- Social project management and international collaboration in the social sphere.

Which professional area may I work in?

- Regional offices and social service providers;
- Government institutions;
- Institutions and bodies of the European Union;
- International organisations;
- Units performing scientific and research activity and transfer of knowledge in the social sphere.

SOFTWARE AND INTERNET TECHNOLOGIES (SIT)

What skills am I going to develop?

- Development of software projects: design, elaboration, introduction and development of software applications for areas with a different subject of activity;
- Organization and control of manufacture of computer and software systems, as well as their components;
- Control and diagnostics of the operation of computer and software systems and their components;
- Performance of consultant and business activity relating to software and Internet technologies.

Which professional area may I work in?

- Software architect;
- Software engineer;
- Lecturer in software and Internet technologies;
- Consultant in software and Internet technologies;
- Tester of software and computer systems;
- Specialist of the quality of computer and software systems and their components.

TECHNOLOGICAL ENTREPRENEURSHIP AND INNOVATIONS (TEI)

What skills am I going to develop?

- Analysis and assessment of processes and phenomena in economy;
- For designing an industrial enterprise and technological processes;
- For managing an industrial enterprise and its functional areas: marketing, production, finances, human resources, innovations, logistics, etc.;
- For developing entrepreneurial activity;
- In organizational behavior;
- In business communications;
- In business assessment, etc.

Which professional area may I work in?

- Managers of small and medium enterprises in the area of industry and services;
- Managers of functional units in industrial enterprises (marketing, finances, human resources, innovations, production, logistics, etc.);
- Managers of technological units in industrial enterprises;
- Business analysists and experts – business development;
- Experts in production technologies and industrial engineering.

TRANSPORT EQUIPMENT AND TECHNOLOGIES (TET)

What skills am I going to develop?

- Design of internal combustion engines and transport equipment;
- Service and repair of transport vehicles;
- Organization and management of automobile enterprises;
- Diagnostics and control of transport vehicles.

Which professional area may I work in?

- Designer;
- Service engineer;
- Technologist in transport vehicle repair;
- Consultant-expert in road accidents;
- Distribution and sales of transport vehicles and parts of them;
- Diagnostics and control of transport vehicles;
- In education.

WATER TRANSPORT LOGISTICS (WTL)

What skills am I going to develop?

- Regulatory and legal provisions regulating the performance of logistic and business activity;
- Principles of prognostication and planning in logistics;
- Principles of design and building of logistic systems and setting up logistic relations;
- Basics of marketing, management, production organization, business process management;
- Rules of preparation of contracts, business plans.

Which professional area may I work in?

- In the area of water transport;
- In companies relating to carriage of goods by sea and road;
- In companies relating directly to transport of goods and logistic provision;
- Forwarders;
- Transport controllers;
- Specialists in implementation and service of logistic chains;
- Specialists in goods warehousing and storage.

INTERNATIONAL COOPERATION

APPLICATION AND ADMISSION

To be eligible for admission you must have the right to pursue their studies at Higher Education Institutions in the country where secondary education was obtained. The application deadline is September 15th of each year.

All the applicants who do not have knowledge of the language in which the course will be performed have to complete a preparatory course. The course lasts one academic year and includes two modules: Language training (650 class periods) and Specialized training (350 class periods).

Further information about admission criteria, application documents, and application procedures can be found on our website:

http://fs.tu-varna.bg/bachelor/ or contact the International Students' Office for more information.

Scan the QR code for further information

CONTACTS

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ERASMUS+ Program

The new Erasmus+ Programme started at the beginning of 2014.

We are working on credit mobility projects with Program and Parthner Category countries, according to the Program Terminology. These are Key Activity 103 /KA-103/ and Key Activity 107 /KA-107/ Projects.

We are intent on expanding our Erasmus activity by preparing project proposals for other areas funded by this Program.

The Technical University of Varna Erasmus+ partners are over 120 Higher Education Institutions and Main Companies from 27 European countries -

http://fs.tu-varna.bg/wp-content/uploads/PARTNERS.pdf

ERASMUS+ Program

Registration procedure for incoming Erasmus+ students

The application deadline for incoming students is June 30 for the Winter semester and November 30 for the Summer semester.

Upon approval by their home institution the applicants fill in an application form in English, sent by our Erasmus office, and follow the procedure given to them -

http://fs.tu-varna.bg/wp-content/uploads/ERASMUS-Information-for-Incoming-Students.pdf

The incoming Erasmus students are offered to study in the English Bachelor's courses only at our University. The list of these courses is available on the following link -

http://fs.tu-varna.bg/erasmus/available-courses-in-english-bachelor-degree-only/.

Erasmus students do not pay tuition fees, but they have to pay for their accommodation, which has to be arranged with the help of the Erasmus office or the relevant department at the University.

Scan the QR code for further information

Technical University of Varna

The Technical University of Varna was founded in 1962.

On the territory of TU-Varna there are:

- 8 buildings;
- The largest technical library in North-East Bulgaria set up in 1963;
- A sports complex;

The three hostels of TU-Varna are located close to the campus.

Faculties:

- Faculty of Manufacturing Engineering and Technologies;
- Faculty of Electric Engineering;
- Faculty of Computer Sciences and Automation;
- Faculty of shipbuilding.

Colleges:

- Dobrudzha Technological College;
- College within the structure of the Technical University – Varna.

University maintaining traditions for students shaping the future

HOSTELS OF TU – VARNA

For full-time students, PhD students and post-graduates TU-Varna has hostels with 955 beds. They are located in two buildings: blocks 13, 15 and 18.

Blocks 13 and 15 are split into apartments. There are 6 apartments on every floor and each apartment has two rooms: one of them with three beds, and the other one with two beds. Some of the apartments have two sanitary units, and the rest have a sanitary unit and a kitchen.

The layout of Block 18 is of hotel type. Each room has three beds and a sanitary unit. 24-hour service with an on-duty receptionist is provided.

Both building have central water heating and hot water household supply. Each room has INTERNET connection.

CANTEEN OF TU – VARNA

TU-Varna offers two canteens. One of them is on the University campus, and the other one in the hostel in Block 18.

SPORTS FACILITIES OF TU – VARNA

TU-Varna has:

- Basketball playgrounds
- Beach volleyball playgrounds
- Professional football field
- Tennis courts
- Multifunctional sports centre
- Fitness centre
- Table-tennis centre

STUDENT COUNCIL OF TU-VARNA

THE STUDENT COUNCIL is a student body, which defends the students' and PhD students' rights and facilitates their studies and their extracurricular activities.

The Student Council organises and provides assistance in holding part of the following activities and events:

SCIENTIFIC FORUMS

- Student Scientific Conference;
- Days of Robotics;
- Programming Olympiad;
- Chess Tournament;
- Other events.

SPORTS TOURNAMENTS

- Football;
- Volleyball;
- Table Tennis;
- Relay-races;
- Darts;
- STRONGMAN;
- Other tournaments.

PARTIES

- Evenings of the Faculties of TU-Varna
- Welcome parties
- Halloween Parties
- Christmas parties, etc.

University maintaining traditions for students shaping the future

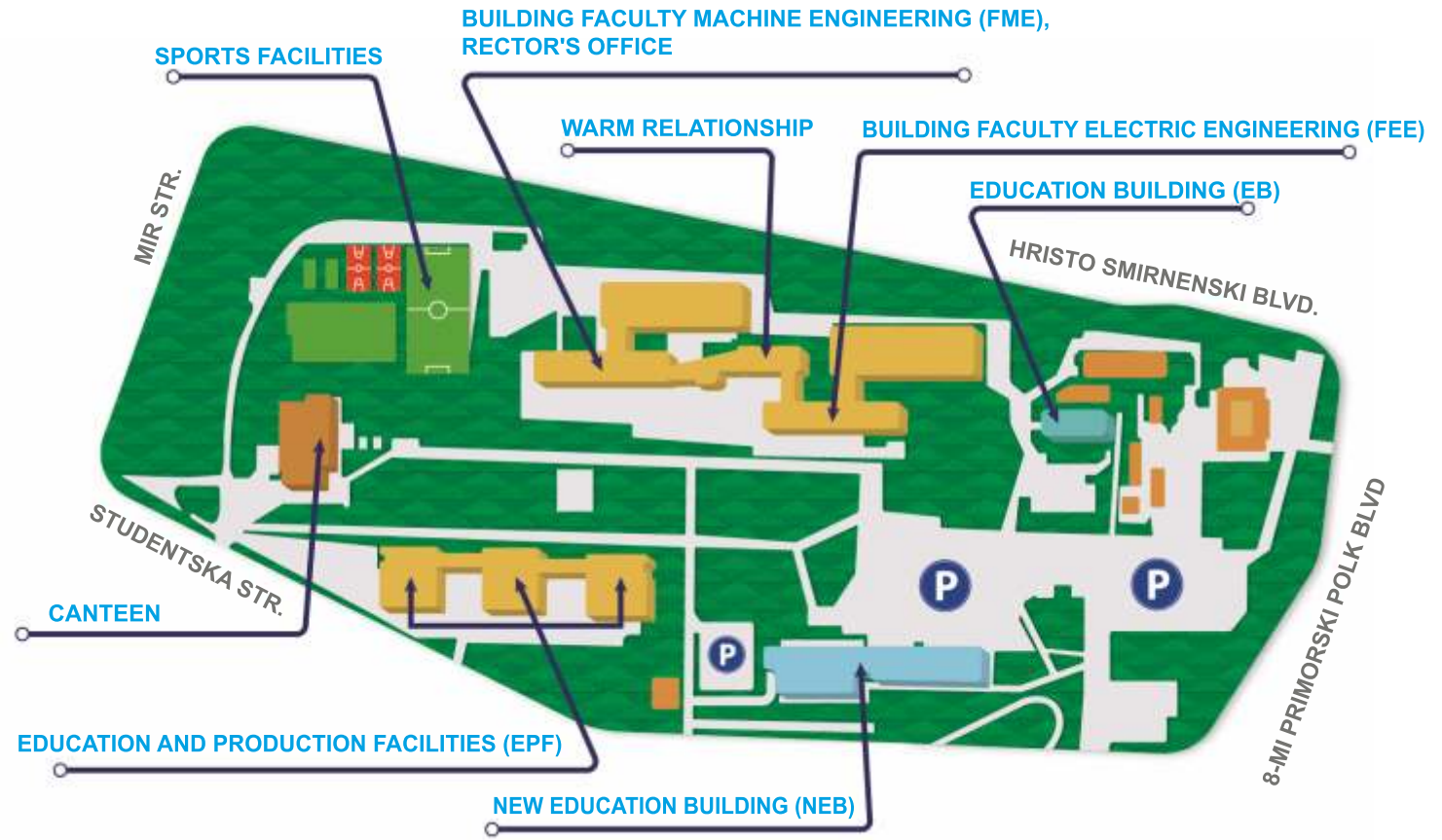
STUDENT COUNCIL OF TU-VARNA

University maintaining traditions
for students shaping the future

STUDENT CLUBS AT TU-VARNA

- „Moto Sport“ Student Club
- „Gift“ Student Club
- „IT++“ Student Club
- Student Club “Entrepreneurship and innovation”
- Student Club “Renewable energy sources”
- Student Marine Club
- Student Club in Robotics and Mechatronics
- Student Auto Club
- Student Club “Coffee, science and something else ….”
- Student Club “Design”
- Student Club „Eco logically”

University maintaining traditions for students shaping the future



TECHNICAL UNIVERSITY OF VARNA - Campus location

European Commission

Erasmus+

EUA
European University Association

Technical University of Varna
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www.tu-varna.bg