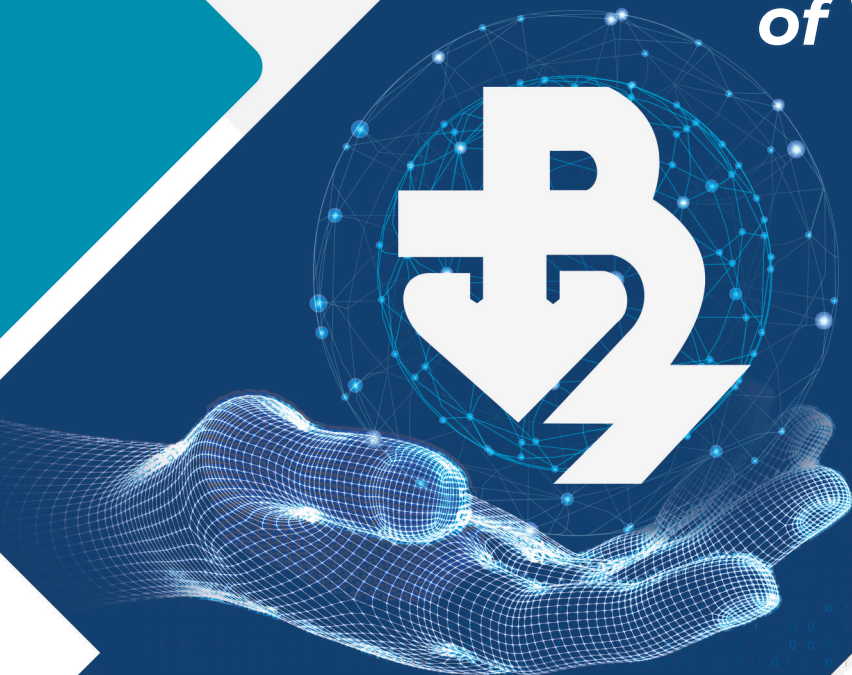


*Technical University  
of Varna*



**MASTER'S  
DEGREE  
PROGRAMMES**



Dear prospective students,

Technical University - Varna is a modern and prestigious institution with a rich history spanning over 60 years. Our university is the main creator of engineering professionals established as a major technological center in the implementation of scientific research projects and the creation of innovations. It is insti

tutionally accredited with the highest possible rating by the National Agency for Evaluation and Accreditation in the Republic of Bulgaria.

We are proud that within the last few years, we have managed to increase several times the number of foreign students who have chosen TU-Varna as a university that is increasingly successfully positioning itself in the international education market. Currently, we educate over 300 foreign students, mainly from Turkey, Greece, Russia, and Ukraine. In recent years, we have also seen increasing interest from Moldova, Jordan, Nigeria, Algeria, Egypt, Zambia, Lebanon, Syria, Costa Rica, etc.



During your studies, you will have the opportunity to acquire additional professional skills certificates from internationally recognized companies, work on scholarship programs paid internships, and practical training, and start working in companies that partner with us. Technical University - Varna provides all students with the opportunity to join academic mobility under the Erasmus+ program and other international programs for one semester or for the preparation of their thesis at leading universities in Europe. The university's student council offers free membership to 12 interest clubs, including photography, robotics, pro-

gramming, car prototype creation, and more.

Dear prospective students, studying with us will mark a new chapter in your life, bringing you closer to achieving your dreams. We sincerely wish you to discover your own path and walk it with satisfaction.

We wish you success!

**Prof. Dr. Dragomir Plamenov**  
- Rector



# CONTENTS

## **Professional field:**

### **5.1. Mechanical engineering**

Chemical manufacturing engineering  
Computerized technology in mechanical engineering  
Engineering and technology of processing of materials  
Internal combustion engines and automotive equipment  
Manufacturing engineering and technologies  
Modern systems in agriculture  
Modern technologies in agriculture  
Technical and insurance expertise in transport

**5 p**

## **Professional field:**

### **5.5. Transport, navigation and aviation**

Electrical equipment of ships  
Environmental engineering  
Fleet and ports operation  
Marine engineering - en  
Maritime transport logistics  
Naval architecture and marine technology - en  
Navigation - en  
Transport engineering and technologies

**12 p**

## **Professional field:**

### **5.2. Electrical engineering, electronics and automation**

Building automation systems  
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Electrical engineering  
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### **5.13. General engineering**

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Industrial management - en

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## **Professional field:**

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## **Professional field:**

### **5.3. Communication and computer engineering**

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Cyber security - en  
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Software engineering - en  
Telecommunication and mobile technologies - en

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## **Professional field:**

### **3.4. Social activities**

Child welfare social work  
Occupational health and safety  
Social entrepreneurship  
Social management - en  
Social work with individuals with deviant behavior

**16 p**

## **Professional field:**

### **5.4. Power engineering**

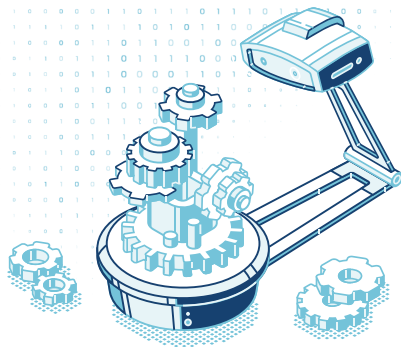
Electrical power systems  
Electric power supply and electrical equipment of industry  
Electric power supply and electrical equipment of maritime transport  
Thermal engineering and renewable energy sources

**11 p**



# PROFESSIONAL FIELD:

## 5.1 MECHANICAL ENGINEERING



### CHEMICAL MANUFACTURING ENGINEERING

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Materials Science and Technology Dpt.

HOD: Prof. eng. Nikolay Atanasov, PhD

Phone: +359 52 383 241, Room: 202M

e-mail: nm\_atanasov@abv.bg

- Course Duration: 3 semesters (1,5 years)
- Requirements: Bachelor's Degree in the speciality Chemical Manufacturing Engineering or other specialties in the Professional field: 5.1. Mechanical Engineering.
- Course Duration: 4 semesters (2 years)
- Requirements: Bachelor's or Master's Degree in the Professional field of Technology (Bachelor of Applied Science).

### COMPUTERIZED TECHNOLOGY IN MECHANICAL ENGINEERING

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Technology of Machine Tools and Manufacturing Dpt.

HOD: Prof. eng. Stoyan Slavov, PhD

Phone: +359 52 383 690, Room: 801M

e-mail: sdslavov@tu-varna.bg

- Course Duration: 3 semesters (1,5 years)
- Requirements: Bachelor's Degree in the Professional field: 5.1. Mechanical Engineering.
- Course Duration: 4 semesters (2 years)
- Requirements: Bachelor's or Master's Degree in the Professional field of Technology (Bachelor of Applied Science).

### INTERNAL COMBUSTION ENGINES AND AUTOMOTIVE EQUIPMENT

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Transport Engineering and Technologies Dpt.

HOD: Assos. Prof. eng. Sergey Belchev, PhD

Phone: +359 52 383 315, Room: 820M

e-mail: serg@tu-varna.bg

- Course Duration: 5 semesters (2,5 years)
- Requirements: Professional Bachelor's Degree in the Professional field: 5.1. Mechanical Engineering.

## ENGINEERING AND TECHNOLOGY OF PROCESSING OF MATERIALS

Professional qualification: MASTER ENGINEER  
Type of training: full time / part time  
Language of instruction: Bulgarian

Materials Science and Technology Dpt.  
HOD: Prof. eng. Nikolay Atanasov, PhD  
Phone: +359 52 383 241, Room: 202M  
e-mail: nm\_atanasov@abv.bg

- Course Duration: 3 semesters (1,5 years)
- Requirements: Bachelor's Degree in the Professional field: 5.1. Mechanical Engineering.
- Course Duration: 4 semesters (2 years)
- Requirements: Bachelor's or Master's Degree in specialties from other Professional fields.

## MANUFACTURING ENGINEERING AND TECHNOLOGIES

Professional qualification: MASTER ENGINEER  
Type of training: full time / part time  
Language of instruction: Bulgarian

Technology of Machine Tools and Manufacturing Dpt.  
HOD: Prof. eng. Stoyan Slavov, PhD  
Phone: +359 52 383 690, Room: 801M  
e-mail: sdslavov@tu-varna.bg

- Course Duration: 3 semesters (1,5 years)
- Requirements: Bachelor's Degree in the Professional field: 5.1. Mechanical Engineering.
- Course Duration: 4 semesters (2 years)
- Requirements: Bachelor's or Master's Degree in other Professional fields.
- Course Duration: 5 semesters (2,5 years)
- Requirements: Professional Bachelor's Degree in the Professional field: 5.1. Mechanical Engineering.

## MODERN SYSTEMS IN AGRICULTURE

Professional qualification: MASTER ENGINEER  
Type of training: full time  
Language of instruction: Bulgarian

Transport Engineering and Technologies Dpt.  
HOD: Assos. Prof. eng. Sergey Belchev, PhD  
Phone: +359 52 383 315, Room: 820M  
e-mail: serg@tu-varna.bg

- Course Duration: 3 semesters (1,5 years)
- Requirements: Bachelor's Degree in the Professional field of Technology (Bachelor of Applied Science).

## MODERN TECHNOLOGIES IN AGRICULTURE

Professional qualification: MASTER ENGINEER  
Type of training: part time  
Language of instruction: Bulgarian

Technology of Machine Tools and Manufacturing Dpt.  
HOD: Prof. eng. Stoyan Slavov, PhD  
Phone: +359 52 383 690, Room: 801M  
e-mail: sdslavov@tu-varna.bg

- Course Duration: 5 semesters (2,5 years)
- Requirements: Professional Bachelor's Degree in the Professional field: 5.1. Mechanical Engineering.

## TECHNICAL AND INSURANCE EXPERTISE IN TRANSPORT

Professional qualification: **MASTER ENGINEER**  
Type of training: *part time*  
Language of instruction: *Bulgarian*

Transport Engineering and Technologies Dpt.  
HOD: *Assos. Prof. eng. Sergey Belchev, PhD*  
Phone: *+359 52 383 315, Room: 820M*  
e-mail: *serg@tu-varna.bg*

- *Course Duration: 3 semesters (1,5 years)*
- *Requirements: Bachelor's or Master's Degree in the Professional field: 5.5 Transport, navigation and aviation; 5.1 Mechanical engineering or 5.13 General engineering (from specialties related to automotive or transport equipment).*
- *Course Duration: 5 semesters (2,5 years)*
- *Requirements: Bachelor's or Master's Degree in the Professional field of Technology (Bachelor of Applied Science) or a Professional Bachelor's Degree in the Professional field 5.5 Transport, navigation and aviation.*



## PROFESSIONAL FIELD: **5.2 ELECTRICAL ENGINEERING, ELECTRONICS AND AUTOMATION**

## DESIGNING FACILITIES FOR RENEWABLE ENERGY SOURCES

Professional qualification: **MASTER ENGINEER**  
Type of training: *full time / part time*  
Language of instruction: *Bulgarian*

Electrical Engineering and Electrotechnologies Dpt.  
HOD: *Prof. eng. Bohos Aprahamyan, PhD*  
Phone: *+359 52 385 257, Room: 801 E*  
e-mail: *bohos@tu-varna.bg*

- *Course Duration: 3 semesters (1 year)*
- *Requirements: Bachelor's or Master's Degree in the specialty Renewable energy sources or specialties with a module or profile Renewable energy sources from Professional fields 5.2 Electrical engineering, electronics and automation or 5.4 Energy.*

## BUILDING AUTOMATION SYSTEMS

Professional qualification: MASTER ENGINEER  
Type of training: part time  
Language of instruction: Bulgarian

Department of Automation  
HOD: Assoc. Prof. eng. Nikola Nikolov, PhD  
Phone: +359 52 383 329, Room: 812 E  
e-mail: nn\_nikolov@tu-varna.bg

- *Course Duration: 3 semesters (1,5 years)*
- *Requirements: Bachelor's or Master's Degree in the Professional fields 5.2 Electrical engineering, electronics and automation; 5.3 Communication and Computer Engineering or 5.4 Energy.*

## ELECTRICAL ENGINEERING

Professional qualification: MASTER ENGINEER  
Type of training: full time / part time  
Language of instruction: Bulgarian

Electrical Engineering and Electrotechnologies Dpt.  
HOD: Prof. eng. Bohos Aprahamyan, PhD  
Phone: +359 52 385 257, Room: 801 E  
e-mail: bohos@tu-varna.bg

- *Course Duration: 3 semesters (1,5 years)*
- *Requirements: Bachelor's or Master's Degree in the professional field of Technology (Bachelor of Applied Science).*
- *Course Duration: 4 semesters (2 years)*
- *Requirements: Bachelor's or Master's Degree in specialties from other Professional fields*

## ELECTRONICS

Professional qualification: MASTER ENGINEER  
Type of training: full time / part time  
Language of instruction: Bulgarian / English

Electronic Equipment and Microelectronics Dpt.  
HOD: Assoc. Prof. eng. Toncho Papanchev, PhD  
Phone: +359 52 383 437, Room: 305 E  
e-mail: t.papanchev@tu-varna.bg

- *Course Duration: 3 semesters (1,5 years) – full time / part time*
- *Requirements: Bachelor's or Master's Degree in the Professional fields 5.2 Electrical engineering, electronics and automation; 5.3 Communication and Computer Engineering or 5.4 Energy.*
- *Course Duration: 5 semesters (2, 5 years) - part time*
- *Requirements: Bachelor's or Master's Degree in the Professional field of Technology (Bachelor of Applied Science).*

## RENEWABLE ENERGY SOURCES

Professional qualification: MASTER ENGINEER  
Type of training: full time / part time  
Language of instruction: Bulgarian

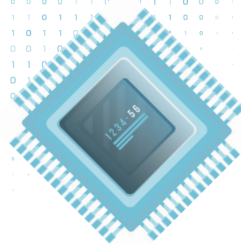
Electrical Engineering and Electrotechnologies Dpt.  
HOD: Prof. eng. Bohos Aprahamyan, PhD  
Phone: +359 52 385 257, Room: 801 E  
e-mail: bohos@tu-varna.bg

- *Course Duration: 3 semesters (1, 5 years)*
- *Requirements: Bachelor's or Master's Degree in the Professional fields 5.2 Electrical engineering, electronics and automation; 5.3 Communication and computer engineering or 5.4 Energy.*



# PROFESSIONAL FIELD:

## 5.3 COMMUNICATION AND COMPUTER ENGINEERING



### ARTIFICIAL INTELLIGENCE SYSTEMS

Professional qualification: MASTER ENGINEER  
Type of training: full time  
Language of instruction: Bulgarian / English

Computer Science and Engineering Dpt.  
HOD: Prof. eng. Violeta Aleksieva, PhD  
Phone: +359 52 383 439, Room: 309/102 TV  
e-mail: valeksieva@tu-varna.bg

- Course duration: 3 semesters (1,5 years)
- Requirements: Bachelor's or Master's Degree in the Professional fields 5.3. Communications and computer engineering; 4.1 Nature sciences; 4.5. Mathematics; 4.6 Informatics and computer science or 5.2 Electrical engineering, electronics and automatics.

### CYBER SECURITY

Professional qualification: MASTER ENGINEER  
Type of training: full time  
Language of instruction: Bulgarian / English

Software and Internet Technologies Dpt.  
HOD: Assoc. Prof. eng. Hirsto Nenov, PhD  
Phone: +359 52 383 400 Room: 206 TV  
e-mail: h.nenov@tu-varna.bg

- Course duration: 3 semesters (1,5 years)
- Requirements: Bachelor's or Master's Degree in the Professional fields 5.3. Communications and computer engineering or 4.6 Informatics and computer science.

### COMPUTER NETWORKS AND COMMUNICATIONS

Professional qualification: MASTER ENGINEER  
Type of training: full time  
Language of instruction: Bulgarian / English

Computer Science and Engineering Dpt.  
HOD: Prof. eng. Violeta Aleksieva, PhD  
Phone: +359 52 383 439, Room: 309/102 TV  
e-mail: valeksieva@tu-varna.bg

- Course duration: 3 semesters (1,5 years)
- Requirements: Bachelor's or Master's Degree in the Professional fields 5.3. Communications and computer engineering; 4.1 Physical sciences; 4.6 Informatics and computer science or specialites Electronics or Automatics from Professional field 5.2 Electrical engineering, electronics and automatics.
- Course Duration: 5 semesters (2,5 years)
- Requirements: Bachelor's Degree in the Professional fields: 5. Technology (Bachelor of Applied Science); 4. Nature sciences, mathematics and informatics; 3.8. Economics; 3.7. Administration and management; 3.5. Public communications and information science or a Professional Bachelor Degree in the Professional field 5.3. Communications and computer technology.

## SOFTWARE ENGINEERING

Professional qualification: MASTER ENGINEER  
Type of training: full time  
Language of instruction: Bulgarian / English

Software and Internet Technologies Dpt.  
HOD: Assoc. Prof. eng. Hirsto Nenov, PhD  
Phone: +359 52 383 400 Room: 206 TV  
e-mail: h.nenov@tu-varna.bg

- Course duration: 3 semesters (1,5 years)
- Requirements: Bachelor's Degree in the specialities Computing or Software and internet technologies or another speciality in the Professional field 4.6 Communications and computer engineering.
- Course Duration: 5 semesters (2,5 years)
- Requirements: Bachelor's Degree in the Professional fields: 5. Technology (Bachelor of Applied Science); 4. Nature sciences, mathematics and informatics; 3.8. Economics; 3.7. Administration and management; 3.5. Public communications and information science; or a Professional Bachelor Degree in the Professional field 5.3. Communications and computer technology.

## TELECOMMUNICATION AND MOBILE TECHNOLOGIES

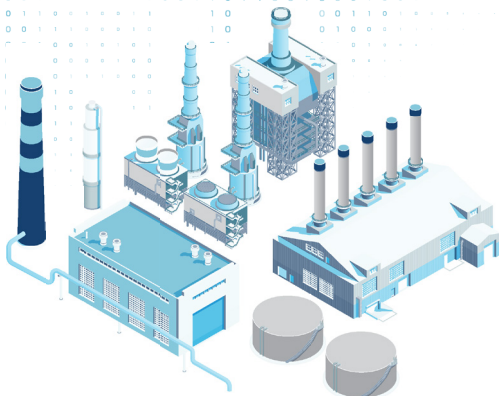
Professional qualification: MASTER ENGINEER  
Type of training: full time / part time  
Language of instruction: Bulgarian / English

Communication Engineering and Technologies Dpt.  
HOD: Prof. eng. Valentina Markova, PhD  
Phone: +359 52 383 367, Room: 503 E  
e-mail: ktt@tu-varna.bg

- Course Duration: 3 semesters (1,5 years)
- Requirements: Bachelor's or Master's Degree in the Professional field of Technology (Bachelor of Applied Science).
- Course Duration: 4 semesters (2 years)
- Requirements: Bachelor's or Master's Degree in other Professional fields.
- Course duration: 5 semesters (2,5 years)
- Requirements: Professional Bachelor's Degree in the Professional field 5.3. Communications and Computer Engineering.



## PROFESSIONAL FIELD: **5.4 POWER ENGINEERING**



### **ELECTRICAL POWER SYSTEMS**

*Professional qualification: MASTER ENGINEER*

*Type of training: full time / part time*

*Language of instruction: Bulgarian*

*Electrical Power Engineering Dpt.*

*HOD: Assos. Prof. eng. Nikolay Nikolaev, PhD*

*Phone: +359 52 385 404, Room: 816 E*

*e-mail: n.nikolaev@tu-varna.bg*

- *Course Duration: 3 semesters (1.5 years)*
- *Requirements: Bachelor's Degree in the Specialities Electrical power engineering; Electric power supply and electrical equipment or Electric power engineering and equipment.*
- *Course Duration: 4 semesters (2 years)*
- *Requirements: Bachelor's or Master's Degree in other Professional fields.*

### **ELECTRIC POWER SUPPLY AND ELECTRICAL EQUIPMENT OF MARITIME TRANSPORT**

*Professional qualification: MASTER ENGINEER*

*Type of training: full time / part time*

*Language of instruction: Bulgarian*

*Electric Power Supply and Electrical Equipment Dpt.*

*HOD: Assoc. Prof. eng. Ginka Ivanova, PhD*

*Phone: +359 52 385 569, Room: 203 E*

*e-mail: ginkahivanova@tu-varna.bg*

- *Course Duration: 3 semesters (1.5 years)*
- *Requirements: Bachelor's or Master's Degree obtained after secondary education in the Professional fields 5.2 Electrical engineering, electronics and automation; 5.4 Power engineering (with a professional qualification as Electrical engineer) or in the specialty Electrical equipment of ships from Professional field 5.5 Transport, navigation and aviation.*
- *Course Duration: 4 semesters (2 years)*
- *Requirements: Bachelor's or Master's Degree obtained after secondary education in the Professional field of Technology (Bachelor of Applied Science).*

## ELECTRIC POWER SUPPLY AND ELECTRICAL EQUIPMENT OF INDUSTRY

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Electric Power Supply and Electrical Equipment Dpt.

HOD: Assoc. Prof. eng. Ginka Ivanova, PhD

Phone: +359 52 385 569, Room: 203 E

e-mail: ginkahivanova@tu-varna.bg

- **Course Duration:** 3 semesters (1.5 years)
- **Requirements:** Bachelor's or Master's Degree obtained after secondary education in the Professional fields of 5.2 Electrical engineering, electronics and automation or 5.4 Power engineering (with a professional qualification as Electrical engineer) or in the specialty Electrical equipment of ships from Professional field 5.5 Transport, Navigation and Aviation.
- **Course Duration:** 4 semesters (2 years)
- **Requirements:** Bachelor's or Master's Degree obtained after secondary education in the Professional field of Technology (Bachelor of Applied Science).

## THERMAL ENGINEERING AND RENEWABLE ENERGY SOURCES

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Electrical Power Engineering Dpt.

HOD: Assos. Prof. eng. Nikolay Nikolaev, PhD

Phone: +359 52 385 404, Room: 816 E

e-mail: n.nikolaev@tu-varna.bg

- **Course Duration:** 3 semesters (1.5 years)
- **Requirements:** Bachelor's Degree in the specialities Thermal engineering or Thermal engineering & renewable energy sources.
- **Course Duration:** 6 semesters (3 years)
- **Requirements:** Bachelor's or Master's Degree obtained after secondary education in the Professional field of Technology (Bachelor of Applied Science); Pedagogical sciences; Humanities sciences and Social, economic and legal sciences.

## PROFESSIONAL FIELD: 5.5. TRANSPORT, NAVIGATION AND AVIATION



## ELECTRICAL EQUIPMENT OF SHIPS

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Electric Power Supply and Electrical Equipment Dpt.

HOD: Assoc. Prof. eng. Ginka Ivanova, PhD

Phone: +359 52 385 569, Room: 203 E

e-mail: ginkahivanova@tu-varna.bg

- **Course Duration:** 3 semesters (1.5 years)
- **Requirements:** Bachelor's Degree in the specialty Electrical equipment of ships from Professional field 5.5 Transport, navigation and aviation.

## ENVIRONMENTAL ENGINEERING

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Ecology and Protection of the Environment Dpt.

HOD: Assoc. Prof. Daniela Toneva, PhD

Phone: +359 52 383 561 / 664, Room: 304 NUK

e-mail: d\_toneva@tu-varna.bg

- Course Duration: 2 semesters (1 year) – full-time
- Requirements: Bachelor's or Master's Degree from all Professional fields.
- Course Duration: 3 semesters (1.5 years) – part-time
- Requirements: Bachelor's or Master's Degree from all Professional fields.

## FLEET AND PORTS OPERATION

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian

Navigation, Transport Management and Waterways Preservation Dpt.

HOD: Assos. Prof. eng. Bozhidar Dyakov, PhD

Phone: +359 52 383 701, Room: 401 NUK

e-mail: bndyakov@tu-varna.bg

- Course Duration: 2 semesters (1 year) - full time / part time
- Requirements: Bachelor's Degree in the specialty Fleet and ports operation.
- Course Duration: 4 semesters (2 years) - full time
- Requirements: Bachelor's or Master's Degree obtained after secondary education in the Professional field of Technology (Bachelor of Applied Science).

## MARINE ENGINEERING

Professional qualification: MARINE ENGINEER

Type of training: part time

Language of instruction: Bulgarian

Naval Achitecture and Marine Engineering Dpt.

HOD: Assos. Prof. eng. Hristo Pirovski, PhD

Phone: +359 52 383 369, Room: 402 M

e-mail: christo.pirovsky@tu-varna.bg

- Course Duration: 6 semesters (3 years)
- Requirements: Bachelor's Degree in the Professional field of Technology (Bachelor of Applied Science) excluding the specialty Marine Engineering.

## MARITIME TRANSPORT LOGISTICS

Professional qualification: MASTER ENGINEER

Type of training: full time

Language of instruction: Bulgarian

Navigation, Transport Management and Waterways Preservation Dpt.

HOD: Assos. Prof. eng. Bozhidar Dyakov, PhD

Phone: +359 52 383 701, Room: 401 NUK

e-mail: bndyakov@tu-varna.bg

- Course Duration: 3 semesters (1.5 years)
- Requirements: Bachelor's Degree in the specialties Fleet and ports operation; Marine transport logistics or Logistics.

## NAVAL ARCHITECTURE AND MARINE TECHNOLOGY

Professional qualification: MASTER ENGINEER

Type of training: part time

Language of instruction: Bulgarian / English

Naval Architecture and Marine Engineering Dpt.

HOD: Assos. Prof. eng. Hristo Pirovski, PhD

Phone: +359 52 383 369, Room: 402 M

e-mail: christo.pirovsky@tu-varna.bg

- **Course Duration:** 3 semesters (1.5 years)
- **Requirements:** Bachelor's degree in the specialty Naval architecture and marine technology.
- **Course Duration:** 4 semesters (2 years)
- **Requirements:** Bachelor's or Master's degree in other specialties from Professional fields: Mechanical Engineering; Transport, navigation and aviation; General Engineering; Architecture, construction and geodesy.

## NAVIGATION

Professional qualification: MASTER ENGINEER

Type of training: full time / part time

Language of instruction: Bulgarian / English

Navigation, Transport Management and Waterways Preservation Dpt.

HOD: Assos. Prof. eng. Bozhidar Dyakov, PhD

Phone: +359 52 383 701, Room: 401 NUK

e-mail: bndyakov@tu-varna.bg

- **Course Duration:** 3 semesters (1.5 years)
- **Requirements:** Bachelor's Degree in the specialty Navigation.

## TRANSPORT ENGINEERING AND TECHNOLOGIES

Professional qualification: MASTER ENGINEER

Type of training: part time

Language of instruction: Bulgarian

Transport Engineering and Technologies Dpt.

HOD: Assos. Prof. eng. Sergey Belchev, PhD

Phone: +359 52 383 315, Room: 820M

e-mail: serg@tu-varna.bg

- **Course Duration:** 3 semesters (1 year)
- **Requirements:** Bachelor's or Master's Degree in the Professional fields 5.5 Transport, navigation and aviation, 5.1 Mechanical engineering and 5.13 General engineering.
- **Course Duration:** 5 semesters (2 years)
- **Requirements:** a Bachelor's or Master's Degree obtained after secondary education in the Professional field of Technology (Bachelor of Applied Science).
- **Course Duration:** 5 semesters (2 years)
- **Requirements:** Professional Bachelor's Degree in specialties from the Professional field 5.5 Transport, navigation and aviation.

# PROFESSIONAL FIELD:

## 5.13. GENERAL ENGINEERING



### CORPORATE MANAGEMENT

*Professional qualification:*  
MASTER OF CORPORATE MANAGEMENT  
*Type of training:* full time / part time  
*Language of instruction:* Bulgarian

*Industrial Management Dpt.*  
*HOD:* Prof. Siyka Demirova, PhD  
*Phone:* +359 52 383 612, Room: 501M  
*e-mail:* s\_demirova@tu-varna.bg

- *Course Duration:* 3 semesters (1.5 years)
- *Requirements:* Bachelor's Degree in the specialties Industrial management or Technological entrepreneurship and innovations.

### INDUSTRIAL DESIGN

*Professional qualification:*  
MASTER OF INDUSTRIAL DESIGN  
*Type of training:* full time  
*Language of instruction:* Bulgarian

*Industrial Design Dpt.*  
*HOD:* Assoc.Prof. Tsena Murzova, PhD  
*Phone:* +359 52 383 301, Room: 502M  
*e-mail:* murzova@tu-varna.bg

- *Course Duration:* 3 semesters (1.5 years)
- *Requirements:* Bachelor's Degree in the specialty Industrial design.
- *Course Duration:* 4 semesters (2 years)
- *Requirements:* Bachelor's or Master's Degree in any other specialty.

### INDUSTRIAL MANAGEMENT

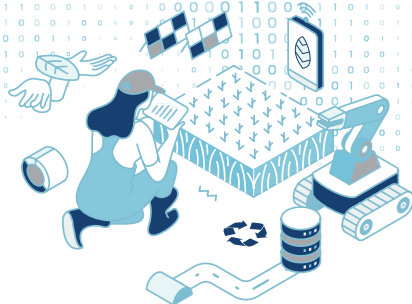
*Professional qualification:*  
MASTER OF INDUSTRIAL MANAGEMENT  
*Type of training:* full time / part time  
*Language of instruction:* Bulgarian / English

*Industrial Management Dpt.*  
*HOD:* Prof. Siyka Demirova, PhD  
*Phone:* +359 52 383 612, Room: 501M  
*e-mail:* s\_demirova@tu-varna.bg

- *Course Duration:* 4 semesters (2 years)
- *Requirements:* Bachelor's or Master's Degree in any other specialty.

# PROFESSIONAL FIELD:

## 6.1. PLANT GROWING



### SEED PRODUCTION AND PLANT PROTECTION

Professional qualification: *MASTER OF AGRONOMY*

Type of training: *full time / part time*

Language of instruction: *Bulgarian / English*

Department of Plant Production

HOD: *Assos. Prof. Alben Ivanova, PhD*

Phone: *+359 52 383 670, Room: 429 NUK*

e-mail: *a.ivanova@tu-varna.bg*

- *Course Duration: 2 semesters (1 year)*
- *Requirements: Bachelor's or Master's Degree in the Professional fields 6.1 Plant growing or 6.2 Plant protection.*
- *Course Duration: 4 semesters (2 years)*
- *Requirements: Bachelor's or Master's Degree in specialties from other Professional fields.*



# PROFESSIONAL FIELD:

## 3.4 SOCIAL ACTIVITIES

### CHILD WELFARE SOCIAL WORK

Professional qualification: *CHILDREN'S SOCIAL WORKER*

Type of training: *full time / part time*

Language of instruction: *Bulgarian*

Social and Legal Sciences Dpt.

HOD: *Assoc. Prof. Irina Todorova, PhD*

Phone: *+359 52 383 600, Room: 209 NUK*

e-mail: *todorovairina@tu-varna.bg*

- *Course Duration: 3 semesters (1 year)*
- *Requirements: Bachelor's Degree in specialties from the Professional field Social activities.*
- *Course Duration: 4 semesters (1.5 years)*
- *Requirements: Bachelor's Degree in specialties from other Professional fields.*



## OCCUPATIONAL HEALTH AND SAFETY

Professional qualification: EXPERT OF OCCUPATIONAL HEALTH AND SAFETY

Type of training: full time / part time

Language of instruction: Bulgarian

Social and Legal Sciences Dpt.

HOD: Assoc. Prof. Irina Todorova, PhD

Phone: +359 52 383 600, Room: 209 NUK

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- Course Duration: 3 semesters (1 year)
- Requirements: Bachelor's Degree in specialties from the Professional field Social activities.
- Course Duration: 4 semesters (1.5 years)
- Requirements: Bachelor's Degree in specialties from other Professional fields.

## SOCIAL ENTREPRENEURSHIP

Professional qualification: MANAGER, COMMUNITY SOCIAL SERVICES

Type of training: full time / part time

Language of instruction: Bulgarian

Social and Legal Sciences Dpt.

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- Course Duration: 3 semesters (1 year)
- Requirements: Bachelor's Degree in specialties from the Professional field Social activities.
- Course Duration: 4 semesters (1.5 years)
- Requirements: Bachelor's Degree in specialties from other Professional fields.

## SOCIAL MANAGEMENT

Professional qualification: SOCIAL WORKER

Type of training: full time / part time

Language of instruction: Bulgarian / English

Social and Legal Sciences Dpt.

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- Course Duration: 3 semesters (1 year)
- Requirements: Bachelor's Degree in specialties from the Professional field Social activities.
- Course Duration: 4 semesters (1.5 years)
- Requirements: Bachelor's Degree in specialties from other Professional fields.

## SOCIAL WORK WITH INDIVIDUALS WITH DEVIANT BEHAVIOR

Professional qualification: SOCIAL WORKER FOR WORKING WITH PERSONS WITH DEVIANT BEHAVIOR

Type of training: full time / part time

Language of instruction: Bulgarian

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- Course Duration: 3 semesters (1 year)
- Requirements: Bachelor's Degree in specialties from the Professional field Social activities.
- Course Duration: 4 semesters (1.5 years)
- Requirements: Bachelor's Degree in specialties from other Professional fields.

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