



# BAKI ALI NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## COMPUTER ENGINEERING

Computer Engineering is a field of engineering learning the design, production, application and control of the computer systems that encompasses all technical tools and software which record, algorithmically process and deliver information to the users.

Computer engineering specialist can be employed in all business sectors as a network and cyber security administrator, data analyst as well as a system and database administrator, and programmer.



**CODING IS A WAY OF  
CREATIVE THINKING!**





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## Your benefits from the Computer Engineering degree:

- ◆ Strong foundation of computer knowledge
- ◆ Improved logical thinking and problem-solving skills that are applicable to a number of different careers
- ◆ A competitive advantage in the crowded job market
- ◆ The possibility of applying novel innovation and technologies into the work you are engaged in
- ◆ Improved and flexible job opportunities with the acquired abilities of creating innovative solutions.

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## INFORMATION SECURITY

Information Security Specialists analyze where the potential risks are and develop strategies to prevent possible breaches, applying specific security tools, equipment and software.

Information Security Specialists can be employed in nearly all business areas and diverse environments. This is one of the IT related specialties associated with the highest paying jobs, given that IT services are critical to the daily operations of businesses and institutions.



FIRST THINK THEN CONNECT!





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## **Your benefits from the Information Security specialty:**

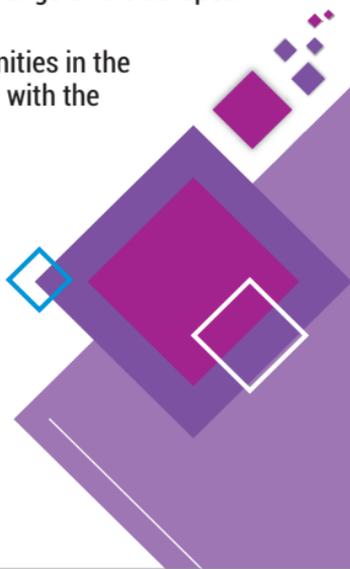
- ◆ Education programmes and cutting-edge teaching tools, developed considering the experience of the top universities in Europe and worldwide;
- ◆ Internship opportunities offered by leading national and transnational companies;
- ◆ Advantageous employment opportunities in cyber security sector in Azerbaijan and worldwide as well as in the areas responsible for protecting the integrity of the servers, business network and data of pivotal importance;
- ◆ Promising student exchange opportunities within Erasmus+ and other scholarship programmes offered by a wide range of the European universities;
- ◆ Hands-on experience and research opportunities in the leading-edge modern laboratories equipped with the newest technologies;
- ◆ A superb modern campus with all facilities.

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## **PROCESS AUTOMATION ENGINEERING**

Process Automation and Mechanization Specialist (Technology Processes Automation Control Systems Engineer) is in demand in diverse industry areas, being in charge of applying innovation solutions, i.e. automation system control over automated manufacturing processes and their design.



**WE ARE SIMPLIFYING YOUR WORK!!**





# BAKI ALİ NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## Your benefits from the Process Automation Engineering specialty:

- ◆ Education programmes and cutting-edge teaching tools, developed considering the experience of the top universities in Europe and worldwide;
- ◆ Opportunities for bridging the theory-practice gap by practical application of the acquired theoretical knowledge in the laboratories equipped with innovative technologies;
- ◆ Advantageous employment opportunities in the areas of SCADA systems design and exploitation, management and numerical control devices, industrial robotics, automated artificial intelligence application, programming, mobile applications as well as other industries where innovative technologies are applied;
- ◆ Promising student exchange opportunities within Erasmus+ and other scholarship programmes offered by a wide range of the European universities;
- ◆ A superb modern campus equipped with all facilities.

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## PETROLEUM ENGINEERING

Being by far the frontrunner in the world's oil and gas industry and having inherited rich traditions in oil extraction over the last two centuries, Azerbaijan plays a pivotal role in the regional energy security.

A Petroleum Engineer's main responsibilities are discovering productive offshore and onshore oil and gas deposits and ensuring their more effective exploration as well as facilitating refinery, trade and marketing of hydrocarbon reserves.

There is an increasing demand in nurturing highly qualified engineers capable of monitoring oil and gas equipment in four operations (offshore, onshore, deep-water, and pipelines) and providing support to continuous improvement in order to efficiently manage complex manufacturing processes.



**WE EVEN KNOW WHAT IS BENEATH  
THE EARTH'S SURFACE!**





# BAKI ALİ NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## Your benefits from the Petroleum Engineering specialty:

- ◆ Opportunities to study in English based on the curricula offered by Heriot-Watt University, the United Kingdom;
- ◆ Worthwhile opportunities to learn from the academic staff with international experience;
- ◆ A superb modern campus with all facilities;
- ◆ Laboratories equipped with cutting-edge technologies;
- ◆ Opportunities for practical application of the acquired profound knowledge in leading national and international companies;
- ◆ Interesting and effective extra-curricula activities through diverse student clubs and organizations to enjoy leisure time;
- ◆ Promising student exchange opportunities within Erasmus+ and other scholarship programmes offered by a wide range of the European universities;
- ◆ Advantageous employment opportunities in national and transnational companies.

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## **CHEMICAL ENGINEERING**

Chemical Engineering is one of the essential engineering areas which deals with transformation of raw materials into useful daily products addressing the challenges posed by the global industry via resource management, environmental protection, and application of HSE standards.

Chemical Engineers are dealing with waste management, search of new energy resources, discovering new pharmaceuticals as well as developing new synthetic fabrics and high added-value products and, hence, are instrumental in building an even brighter future.



**WE DESIGN “THE CHEMICAL  
FORMULA” OF YOUR SUCCESS!**





# BAKI ALİ NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## Your benefits from the Chemical Engineering specialty:

- ◆ Opportunities to study in English based on the curricula offered by Heriot-Watt University, the United Kingdom, and learn from the academic staff with international experience;
- ◆ Various internship opportunities offered by national and transnational companies in designing, optimizing and managing chemical processes;
- ◆ Conducting scientific research and practical application of the generated novelties in the laboratories equipped with cutting-edge technologies;
- ◆ Promising student exchange opportunities within Erasmus+ and other scholarship programmes offered by a wide range of the European universities;
- ◆ Advantageous employment opportunities in diverse companies manufacturing petro-chemical, polymer and composite materials, and medical equipment as well as in drug, food and agriculture industries;
- ◆ A superb modern campus with all facilities.

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**BAKI ALİ NEFT MƏKTƏBİ**  
**BAKU HIGHER OIL SCHOOL**



## **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

Our Bachelor of Business Administration (BBA) programme is designed to give you a broad knowledge about practical aspects of organizations as well as managerial and administrative duties inside companies, while developing your practical, managerial and communication skills, and decision-making capabilities. Various case studies, presentations, internships, and interactions with industry experts will increase your practical experience and give you a wide business networking opportunities.



**EXPERIENCE WITH PERFECTION  
FOR BUSINESS!**





# BAKI ALI NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## Your benefits from the BBA Programme:

- ◆ A unique curriculum tailored to the needs and requirements of modern business environment;
- ◆ Broad theoretical and practical knowledge provided by experienced Azerbaijani and international professionals;
- ◆ Extra-curricular free master-classes, workshops and seminars by prominent national\international business experts;
- ◆ Strong networking opportunities;

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**MBA**

## **MASTER OF BUSINESS ADMINISTRATION (MBA)**

Baku Higher Oil School designed an innovative, open to novelties and very flexible MBA programme in order to promote constantly evolving modern education programmes that aim to comply with the requirements posed by the 4th Industrial Revolution.

Our programme entirely conforms to the emerging business challenges and trends.



**ADMINISTRATION IS MASTERED  
FROM GOOD ADMINISTRATORS!**





# BAKI ALI NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## Your benefits from the MBA Programme:

- ◆ Opportunities to acquire practical knowledge from the prominent Azerbaijani and international professionals with hands-on experience;
- ◆ Abundant professional business networking opportunities;
- ◆ Exclusive programmes offered by the international professionals;
- ◆ Opportunities to gain competitive career advantages and foster professional growth;
- ◆ Complete academic credit;
- ◆ Education in English and flexible class schedule;
- ◆ Practical application of the acquired knowledge;
- ◆ Free of charge access to large sports facilities.

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BAKI ALI NEFT MƏKTƏBİ  
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School of  
Project  
Management



## SCHOOL OF PROJECT MANAGEMENT (SPM)

### What is the School of Project Management (SPM)?

This is a special programme offered by Baku Higher Oil School with technical support from **TwentyEighty Strategy Execution**, a UK-based international training company, specialized in project management, and is grounded in the Master's Degree Programme of the **George Washington University (GW)**, USA, to extend the mindset and skill set of project leaders, enabling them to thrive in challenging work environments.



LIFE ITSELF IS A MERE PROJECT!





# BAKI ALI NEFT MƏKTƏBİ BAKU HIGHER OIL SCHOOL



## Your benefits from joining the SPM:

- ◆ Master's Certificate from GW;
- ◆ A GW Certificate awarded upon completion of each module;
- ◆ A joint Certificate by GW and TwentyEighty Strategy Execution;
- ◆ Didactic materials specially designed by TwentyEighty Strategy Execution based on the global standards of the Project Management Institute (PMI) as a foundation for the profession;
- ◆ Opportunities to learn from the professional managers with international experience;
- ◆ Expanding your business networking opportunities;
- ◆ Flexible schedule of classes for businesspersons;
- ◆ Foster professional growth opportunities.

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