



Algebra Bernays University in Croatia

Where innovation, creativity, and leadership come together



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How to
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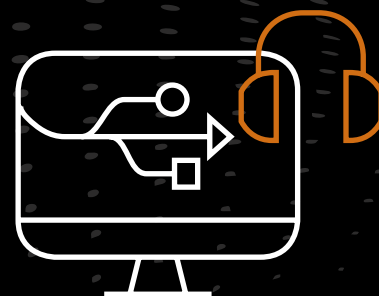
50+

Adult education
programs

300+

Seminars in IT & Business

1.000+



Computers in Classrooms

10

Bachelor
Programmes

6

Master
Programmes

15.000

Individual
Students

Per Year
in Short
Programmes



600+

Faculties/Employees



PHD
programme

1

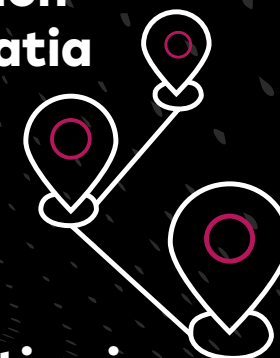
Research infrastructure: Full access
to public research facilities and the
Rudy HPC super-computer at FIŠ
(hpc.fis.unm.si)

THE BIGGEST

Private Education
Provider in Croatia

24

Cities in
Croatia



100

Fully
Equiped
IT Classrooms



96%

of our graduates
**find
employment**
three months after
graduation.

3.0000

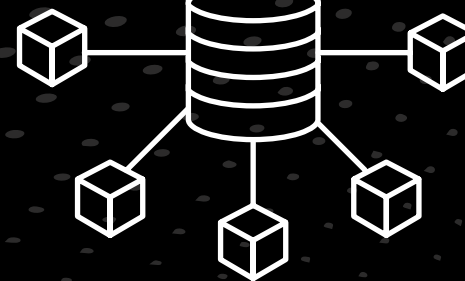
Students in Higher Education

Coordinator of DIVERSE University Alliance with

150.000 students

and more than

15.000 employees



80

servers



Bootcamps

1st MIT Bootcamp in EU

Hosted and co-organised the first European MIT Innovation & Entrepreneurship Bootcamp in Croatia 2024.

THE BEST

Education organization in the world among 3,200 organizations as evaluated by Microsoft in 2014. Algebra defended the title in 2020 as a part of LLPA - Leading Learning Partners Association

Microsoft Partner

2014 Partner of the Year Winner Learning

BOSTON

Servers | Storage | Solutions
A DIVISION OF SOURCECODE

HPC
1
super computer

20 Advanced Technology Labs and Facilities including:

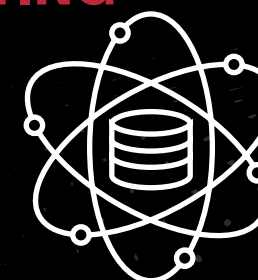
BIOINFORMATICS AND PRECISION MEDICINE

NEUROMARKETING

CYBER SEC

STUDIOS

MEDIA LAB



the best professional study program in the Republic of Croatia

RANKED 1st

in Republic of Croatia according to National Agency for Science and Higher Education for Quality Assurance System

EY ENTREPRENEUR

Algebra founders - Hrvoje Josip Balen, Mislav Balković and Tomislav Dominković were named as the new Croatian EY Entrepreneurs of the year 2020.



EY Entrepreneur Of The Year®



meets the quality requirements of NVAO

THE ONLY

Institution in Croatia that has met the quality requirements of the Dutch-Flemish accreditation agency NVAO

Supporting

2 only unicorns in Croatia

Rimac and Infobip

12.500 m²

with **35** newly-furbished classrooms and **545** seats with computer equipment



Your Future Starts **Here**

Welcome to Algebra Bernays University, the leading educational institution in Croatia. At Algebra Bernays, we build the future of digital, creative and communication industries as well as prepare students for careers in fields that ensure growth and safety in this increasingly dynamic world. With 27 years of experience, Algebra Bernays is one of the first digital technology-based educational institutions, continually developing study programmes that meet the needs of the labour market.

Our campus, located in Zagreb, is equipped with state-of-the-art technology and designed to provide students with the best learning, research, and personal growth conditions. Our study programmes are aimed at practical learning and real business projects, thanks to which our students acquire valuable first-hand experiences. Algebra Bernays is famous for our graduates' high employment rate – approximately 96% of them find their jobs within the first three months of graduating.

Collaboration with leading global technological companies such as Microsoft, Google, Cisco and Amazon provide our students with an opportunity to earn internationally recognized certificates and relevant knowledge that apply to the labour market. Algebra Bernays University students earn knowledges and skills that will prepare them for work with the newest technologies and trends, ensuring them positions as leading experts in their fields.

Why should you choose Algebra Bernays University?

- 1. Finding a job will be easy**
The high employment rate (96%) shows just how sought out our graduates are in the labour market. Study programmes prepare you for successful careers in growing technology-based industries.
- 2. You will gain applicable knowledge**
Our study programmes allow you to work on real projects during your studies, which in turn ensure you practical skills that your future employers will find of great importance.
- 3. You will study on the most modern campus**
Our campus provides students with access to state-of-the-art technology and the most modern equipment such as supercomputers for data scientists, multimedia studios for production, neuromarketing laboratories, bioinformatic laboratories, etc.
- 4. We will prepare you for the industries of the future**
Experiences acquired during the study programmes allow our students to successfully join the industries of the future, which are based on digital technologies and accelerated transformation.

We are Creating a **New Standard** in High Education!



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By merging two successful and recognizable Croatian educational institutions, **Algebra University** and **Edward Bernays University of Applied Sciences**, into Algebra Bernays University, you now have the opportunity to study at arguably the largest, most modern, and most advanced private university in Croatia.

Algebra and Bernays have almost four decades of combined domestic higher education and adult education experience which puts Algebra Bernays University among the leading higher education institutions in Croatia.

By merging the two universities we have achieved a strong synergy by expanding our bachelor and master's study programmes portfolio. In this way we have ensured thorough intertwining of their content and have created a strong foundation for expanding into new fields and areas of expertise – this includes postgraduate and doctoral study programmes so that you can complete your entire education cycle with us.

We are raising our level of quality and innovation to a whole new level! In 2024, **Algebra University** started the academic year with the largest number of freshmen yet, ready for the challenges and opportunities in the digital and communications world. As a result of our strategic alliance with **Edward Bernays University of Applied Sciences**, we have started new attractive study programmes in the field of communications and public relations. We have combined decades of work and experience in the Croatian education system – innovative, reliable, high-quality and passionate. Such achievements have further established our status as a leading private educational institution in Croatia and

the region, and our commitment to quality, innovation and continuous development has been recognized through numerous awards and recognitions.

Quality and growth

According to the results of the quality assurance system assessment, the Agency for Science and Higher Education (AZVO) – Algebra Bernays University has been recognized as an institution that provides the highest quality professional studies in Croatia. This prestigious recognition was earned through the reaccreditation process, which confirms our commitment to excellence in education. As a result of our commitment to quality over the past decade, we have recorded an average annual growth rate of **more than 11%** in the number of enrolled students. This constant growth indicates the level of trust that the students when it comes to the quality of our studies.

Technological superiority

Our students currently have 1,100 computers, 80 physical servers and one supercomputer at their disposal. For top-notch practical experience, we have a state-of-the-art multimedia and podcast studio, equipped with more than 22 cameras and 50 digital photo cameras, various camera lenses, a studio crane and an LED video wall that enables work with a modern Chromakey approach.

Starting in 2025, our students will have access to our newly equipped neuromarketing laboratory which will allow our students to work on the newest technology and prepare them for real business challenges. With a new campus that spreads over 12,500 square meters, Algebra Bernays offers superb conditions for study and research.

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Statement by the Rector of Algebra Bernays University, Mislav Balković

Algebra Bernays University has truly become what we, as founders, have been advocating for years – it has become a central hub for career development in digital technologies. It is not just about education in technology, but about an approach that significantly utilizes and anticipates technological development and its impact on our careers and our lives. The study programmes we have developed over the past few years reflect the direct needs of the modern career arena – from cybersecurity, communication management, multimedia production, video game development, data science and artificial intelligence, digital marketing and digital economics, all of which equip current and future students with the knowledge and skills necessary to easily navigate an increasingly complex business environment. The strategic partnership with Edward Bernays University of Applied Sciences will further support these goals. The most modern university campus in the country, equipped with a professional studio and production room, and state-of-the-art classrooms equipped with the latest technologies, allows students to start their digital story from the first day of classes. Our staff, professors, and instructors will always provide students with the support and encouragement that they need to successfully complete their story. However, there are no shortcuts on the path to success, only with a great investment in one's own improvement can one achieve excellent results. We have believed in excellence in education from day one, and are confident that, with the collaboration of our students and faculty, we will achieve even better results in the coming years and continue to push the boundaries of education in Croatia.

”

Statement by the President of of the Board of Trustees at Algebra Bernays University, Damir Jugo

Algebra Bernays University is the largest educational system in Croatia, with almost 2,500 Croatian and international students, with over 15,000 educational module participants and by far the largest selection of study programmes among private educational institutions in Croatia. Our mission is to continuously raise the quality standard of education, and we are working on these postulates with dedication and clarity. As leaders in the field of education, we are aware of the necessity of constant adaptation to market-dictating trends and socioeconomic dynamics. That is the only guarantee that we will keep improving every academic year. The merger of Algebra University and Edward Bernays University, two of the most recognized and innovative higher education institutions in Croatia, further establishes us as one of the main trendsetters in the educational system. With this revolutionary step, we have raised our quality to even greater heights and set an example of good practice. We believe that our good practice will soon become a standard for the educational system in Croatia and neighbouring countries. Through creative, communication, marketing and STEM study programme synergies, we open a whole range of opportunities for students to improve their careers. However, the most important thing is that our students receive all the necessary support and resources to deal with the challenges of the labour market. During their studies, our students receive both theoretical and rich practical knowledge through our internship programmes at employers from all economic sectors. With this, once they complete their formal education at our institution, they become fully independent individuals, ready to start their very own business ventures or start working at one of the leading global organizations. We are convinced, and this is confirmed by our many years of experience, that this is the only approach to create a society of creative, well-informed and responsible citizens who will contribute to a greater tomorrow.



Partnership with Goldsmiths, University of London

As one of the leading global universities, Goldsmiths is, according to the QS World University Rankings, ranked among the top 500 universities in the world, with eight of their academic departments being in the top 50. Thanks to this strategic partnership, Algebra Bernays allows students to enrol in bachelor studies in English, in the fields of computer science, design, and digital marketing. Thus, **students obtain two diplomas, both Croatian and British**, which further confirms our global competitiveness and the value of our diplomas in fast-growing industries.

Goldsmiths
UNIVERSITY OF LONDON

Monitoring technological developments and market needs

We are continuously improving our study programmes by following technological trends and the actual needs of employers. Algebra Bernays is the first Croatian institution to apply a modern qualification framework approach to analyse the knowledge required in the industry. This innovative methodology allows us to prepare our students for the labour market in accordance with technological developments and employer requirements.



Internationally recognized quality

Our university is the only educational institution in Croatia that has met the criteria of the Dutch accreditation agency, with the "Meets the Quality Requirements" certificate. International accreditations, alongside our Goldsmith, University of London partnership, further confirm our quality and provide our students with globally recognized and valued education.



Join the
community
of creatives,
engineers
and leaders



Algebra Bernays University

The most modern campus in Zagreb

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Zagreb, the capital of Croatia, with close to a million residents, perfectly combines the advantages of a large European metropolis with the comfort and atmosphere of a smaller, safe city. The city of science, culture and education, Zagreb is recognized as one of the greenest capitals of Europe. As much as 72% of the city area is covered in parks, forests and lakes, which makes it an ideally balanced place between urban lifestyle and natural beauty. With numerous student populations and more than **40 higher education institutions**, Zagreb is a university city with a rich history of education, reaching all the way back to the 14th century.

Zagreb offers a wide range of cultural events and activities, from summer festivals and open-air cinemas to the famous Advent, which brings a magical Christmas atmosphere in the winter. Thanks to an amazing public transportation network, exploring Zagreb is simple, and the beaches of Jadran are just a two-hour drive away. Our new campus in Zagreb, a centre of modern education, covers an impressive **12,500 square feet** and represents the largest private education investment in Croatia. The campus provides top-notch conditions for students, with an emphasis on technology, innovation and sustainability. It is equipped with state-of-the-art IT infrastructure and technology, including more than **1,100 computers** and 20 computer laboratories that are specialized in various study programmes.

Sustainability

Our campus is built per the A+ energy standard, and all classrooms are equipped with the air recuperation system, which contributes to energy savings and increased lecture quality. The floors of the building are made of recycled materials, and we encourage both our employees and students to travel to the campus by their bikes or electric vehicles. In addition, our campus provides a **coworking space** for up to 35 people, as well as a **library** with a catalogue of more than 30,000 books. That covers 120% of all the students' needs and ensures that all our students have access to all the necessary literature.

Network equipment

Our campus offers excellent network connectivity, which enables stable work conditions, even with more than 1,200 simultaneously connected devices. The network speed reaches 10 Gbps, which allows students to work without interruptions. Our in-house data centre supports the running of up to 4,000 virtual machines that support teaching and research projects and enable the use of data centre installed software at home.

Private Nimbus Cloud

The campus owns a highly accessible private cloud, with over 80 physical servers, 5 TB of working memory and more than 40 TB of disc space. Students can use this system for complex projects and virtual environments, through which they are earning valuable experience for future work in the industry.

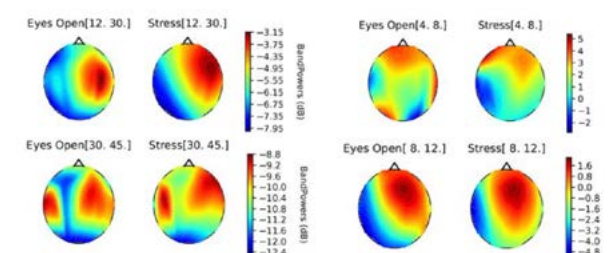


Boston Super Server Supercomputer

This powerful computer is used to support our data science and computer engineering students, allowing them to work with advanced computer models and analytic tools.

Advanced Technology Labs and Facilities

As part of its ongoing infrastructure development, the University places strong emphasis on creating new laboratories focused on interdisciplinary research. Students have access to innovative spaces such as the **Innovation Lab** and **Maker Space**, which are open throughout regular campus hours. These facilities are ideal for developing final projects and working on innovative ideas.



Additionally, students can make use of VR equipment, IoT systems, and robotics. The campus also houses a **Testing Centre**, where students can earn internationally recognised certifications, including those from Microsoft, AWS, Google, PMI, and TOEFL—significantly enhancing their competitiveness on the global job market.

Neuromarketing Lab is equipped with state-of-the-art devices that enable an in-depth understanding of user behaviour when exposed to various stimuli of the digital age. It includes equipment for monitoring brain activity (EEG), electrodermal activity (EDA/GSR), eye-tracking, and facial expression analysis. This laboratory opens up new research possibilities in digital marketing, communications, and design, offering students and researchers insight into real-time cognitive and emotional consumer responses.

Bioinformatics Lab is revolutionising the fields of bioinformatics and genetics. It features genetic sequencing and analysis equipment, tools for monitoring brain activity (EEG), and the development and use of sophisticated computational bio calculation models. This lab enables research in personalised medicine, neuroscience, and biological simulations, giving students practical experience with cutting-edge technologies that shape the interdisciplinary future of computing and medicine.

3D Technologies and 3D Printing Lab allows students to explore and apply advanced 3D printing techniques in areas such as design, video game development, the film industry, and engineering.

The Media Lab provides students with a space for production and analysis of digital content, using a Multimedia studio, an Audio and Video studio, and professional equipment for production and post-production. Students develop projects in the field of digital media, multimedia communication, acquiring practical skills in filming, editing, and visual effects.

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Online Classes at the Algebra Bernays University

Flexibility and Support on Every Step of the Way

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Online classes are not just a replacement for in-person classes, they are a completely new way of studying, adapted to all your needs and lifestyle. With our innovative approach, we ensure you receive top-notch education wherever you are, supported by the most modern tools and technologies.

Flexibility of remote learning

Whether you are studying at home, abroad or while working, our online modules allow you to learn at your own pace. All study materials, lectures and assignments are available online, so you can plan your day and choose for yourself when the best time to study is.

Key components of our online classes

- 1. Online classrooms**
Our virtual classroom network allows you to attend lectures in real-time, with interactive lectures and work with teachers and classmates as if you were in an actual classroom. All our lectures are recorded, so you can watch them anytime using the **MS Teams** platform.
- 2. Mentoring approach**
The mentoring approach provides support at every step of the education process. Mentors help with study materials, offer career advice and skill development, as well as a personalized approach to students.

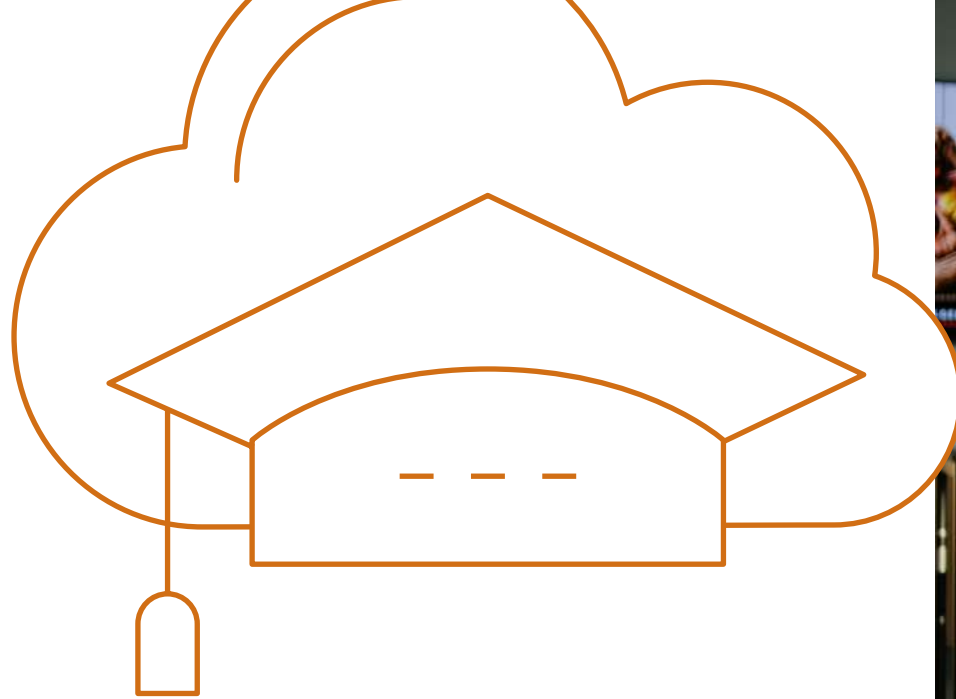
- 3. Two-way communication**
We use **MS Teams**, **Moodle** and other platforms to ensure constant communication between students and teachers. All your discussions, ideas and questions can be readily addressed, and you will get the necessary answers without delay, which offers a dynamic and effective work environment.
- 4. All study materials in one place**
Using the **Moodle** platform, you have access to all seminar papers, assignments and study materials 24/7, and the **Infoeduka** system assures simple access to administrative resources, library and study programme information.
- 5. High standards and safe exam administration**
Exams are administered through our online system. They are supervised using tools such as **exam.net**, which ensures high quality standards and integrity, just like for on-campus students.
- 6. Library access and traineeship**
Even though the lectures are held online, traineeships take place with employers, and library services, including ordering books through **Infoeduka**, are available to you with a delivery option.

Study Programmes

UNDERGRADUATE	GRADUATE	PHD	
SOFTWARE ENGINEERING CYBERSECURITY GAME DEVELOPMENT	APPLIED COMPUTER ENGINEERING: SOFTWARE ENGINEERING CYBERSECURITY DATA SCIENCE	COMPUTER AND DATA SCIENCE	TECHNICAL SCIENCES (Computer Science)
MULTIMEDIA PRODUCTION			TECHNICAL SCIENCES (Graphics Technology)
VISUAL COMMUNICATIONS DESIGN: DESIGN 3D DESIGN	CREATIVE DESIGN MANAGEMENT		ARTS (Design)
DIGITAL MARKETING ECONOMICS OF DIGITAL BUSINESS	DIGITAL MARKETING ECONOMICS OF DIGITAL BUSINESS MBA E-LEADERSHIP	At Algebra Bernays University, we offer university and professional study programmes at bachelor and master level. Undergraduate University Programme are held in Croatian and English, in-person and online. All our Graduate Study Programmes are held exclusively in English and online, while the Algebra Bernays University of Applied Sciences Graduate Study Programmes are held in Croatian, both online and in-classroom.	SOCIAL SCIENCES (Economy)
COMMUNICATIONS MANAGEMENT	PUBLIC RELATIONS MANAGEMENT		SOCIAL SCIENCES (Communication)
DATA SCIENCE AND ARTIFICIAL INTELLIGENCE			SOCIAL SCIENCES (Informatics)



Economics of Digital Business



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Everything you need to know

Type of study programme and duration: bachelor university programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian, English

Specialisation: Finance, Management

Academic title: univ. bacc. oec. (Bachelor in Economics of Digital Business)

Continue your studies at Algebra Bernays: one-year Master University Programme in Economics of Digital Business

Some of the jobs we are preparing you for: financial analyst, head of accounting, product manager, human resources manager, data analyst, product manager, stockbroker, head of finance

Do you want to be a part of the dynamic world of economics and digital business? At Algebra Bernays University, we offer you the opportunity to educate yourself in line with the latest global trends and gain knowledge that will open your doors to various industries. Whether you are interested in finance, marketing or human resources management, through electives and specialisations you can shape your professional path and develop the necessary skills to succeed in a modern business environment.

Our Economics of Digital Business University Study Programme is designed to prepare you for future business challenges, with special emphasis on the practical application of theoretical knowledge and acquiring necessary advanced skills for modern work environments. Our study programme provides an in-depth understanding of business processes while acquiring specific competencies through specialisations and subspecialisations tailored to your interests and professional goals.

Why should you choose this study programme?

Our Economics of Digital Business Study Programme is a gateway to a global world of incredible opportunities. The study programme is modelled after leading European and American universities, with special emphasis on digitalisation and technological innovation. Through this study programme, you will learn how to make key business decisions, analyse the market and lead teams using advanced digital tools, including artificial intelligence and business analytics.

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Through innovative modules and lectures, our students will learn how to successfully lead a multinational company where communication takes place primarily through digital channels, learn how the world of decentralised business and new currencies works and learn how to create a sustainable competitive advantage and a business mindset in a global world of constant connectivity.

Associate Professor Nikola Drašković,
Head of the Economics of Digital Business study programme



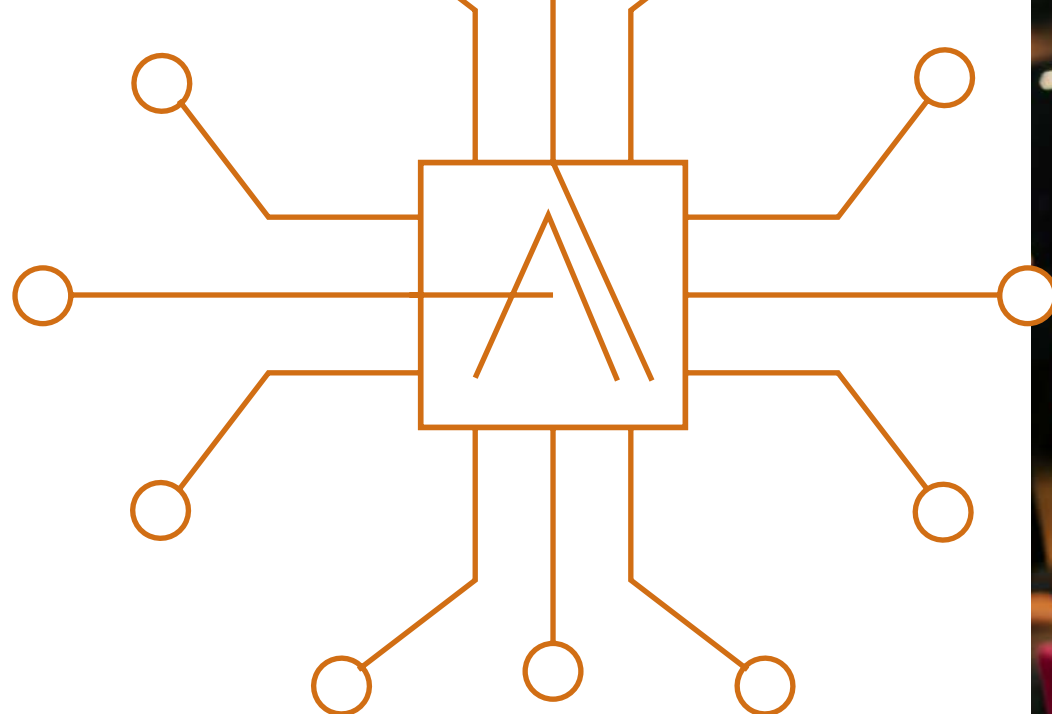
Our top-notch professors, who bring academic excellence and rich business experience, will help you acquire skills that are applicable in practice. Our approach is focused on promoting critical thinking, innovations and creating new business models. Instead of directing you to just one field, we are opening your doors to various industries and allowing you to find your own unique way in the business world. During your studies, you will learn how to use data to make business decisions, develop marketing strategies in a digital environment and understand complex financial processes. Our interactive lecture approach focuses on exploring the opportunities of digitalisation, encouraging critical thinking and strengthening the entrepreneurial spirit.

Prepare for the labour market

The study programme is designed in collaboration with leading industry experts to meet the real needs of the labour market. Project-oriented learning and mandatory traineeship provide an opportunity to acquire applicable business environment skills. You will learn to use analytical tools for efficiency tracking of marketing campaigns, understand financial flows within organizations as well as learn how to manage teams and projects. With such practical experience, you will be ready for careers in finance, marketing, management and various other sectors.



Data Science and Artificial Intelligence



Everything you need to know

Type of study programme and duration: bachelor university programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian, English

Academic title: univ.bacc.inf. (Bachelor in Data Science and Artificial Intelligence)

Continue your studies at Algebra Bernays: specialisation in machine learning, data analysis or artificial intelligence development, one-year Master University Programme in Computer Science

Some of the jobs we are preparing you for: artificial intelligence expert, data engineer, architect of intelligent information systems, head of digital transformation

Industry certificates: ECDL Start, IT SMF, ITIL Foundation

Are you curious about how technology is changing the world and want to be a part of that change? Data Science and Artificial Intelligence are among the most important drivers of modern technologies and the transformation of our society. From smart recommendations and autonomous vehicles to advanced medicine and trend forecasting, Data Science and Artificial Intelligence are shaping the way we live and work.

At Algebra Bernays University, you can learn how to use data and artificial intelligence to create practical solutions that can improve your everyday life. Our university programme combines theory with practical projects, helping you master skills such as large data set analysis, machine learning algorithm development and creating artificial intelligence-based innovative solutions. Prepare for a career in one of the most exciting and fastest-growing fields of today.

Why should you choose this study programme?

Data science combines technology, business and innovation, while artificial intelligence brings revolutionary changes to almost all aspects of life. In this study programme, you will learn how to turn data into knowledge, apply machine learning and develop innovative AI solutions that can improve the world.

During your studies, you will acquire a wide range of skills that connect technology and business. Emphasis is placed on designing simple and intuitive user interfaces to make innovation readily accessible. Just as engineers build bridges, you will create digital solutions

that will improve everyday life and business processes.

Data Science and Artificial Intelligence study programme prepares you for the rapidly changing world and provides you with an opportunity to be a part of the society-shaping generation through advanced technologies.

Prepare for a successful career

The study programme is designed in collaboration with leading industry experts to meet the real needs of the labour market. Through project-oriented learning, you will learn to solve complex problems using the latest data analysis tools and artificial intelligence. A mandatory traineeship will allow you to immediately apply the acquired knowledge in real business situations, ensuring a smooth transition from your studies to your career.

With this practical experience, you will be ready for challenging positions in intelligent information system development, machine learning and data analysis. You will also gain the skills necessary to lead digital transformations within organizations. The demand for experts in these fields is continuously growing, and your work can contribute to global-scale solutions. Become a leader in the future-defining industry and start your own exciting, innovative and socially relevant career.

Different perspectives are key for our digital future. In this study programme, you will learn to efficiently manage data, use advanced tools and develop world-shaping technologies. With advanced technologies and responsible use, artificial intelligence and cloud-based platforms help recognise important trends and make better decisions. The goal of the study programme is to train students to combine their business and technological perspectives and prepare them to become digital-age leaders, with emphasis on ethical and safe data management.

**Associate Professor
Zdravko Kunić,**

Head of the Data science and
Artificial Intelligence Study
Programme

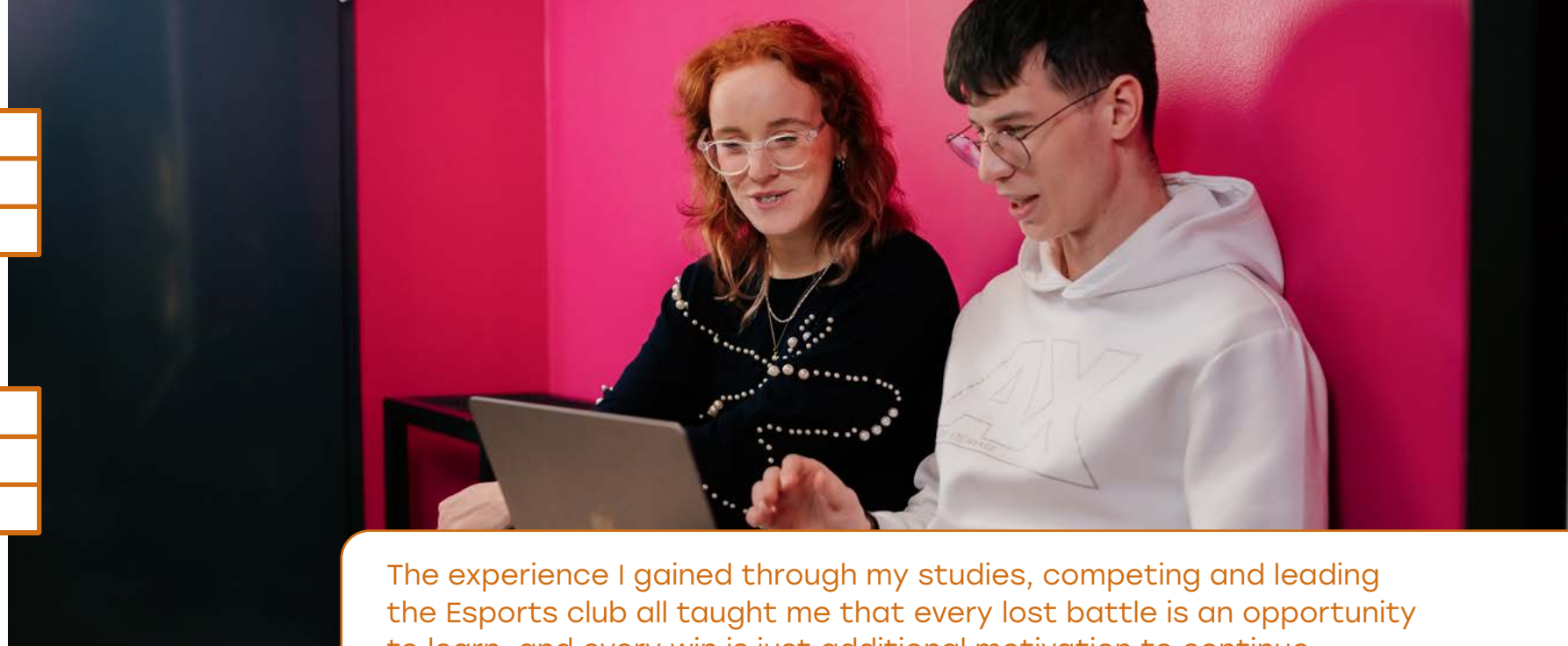
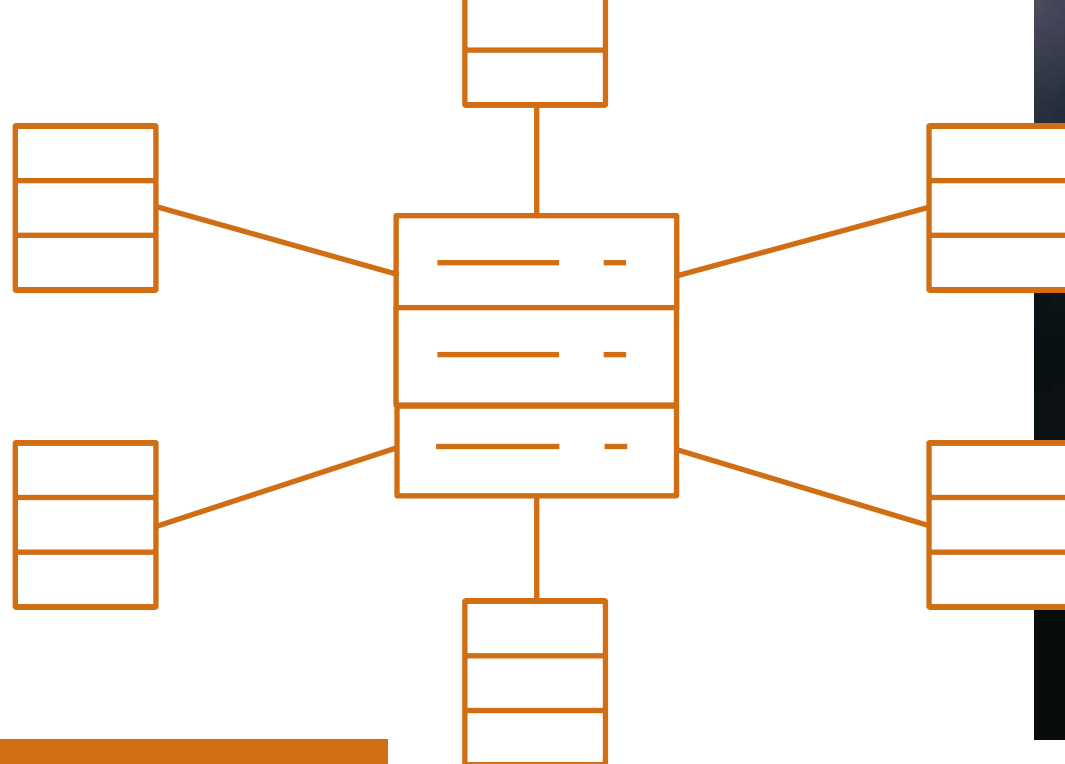


Goldsmiths
UNIVERSITY OF LONDON

This programme is validated by **Goldsmiths, University of London**. Students have the opportunity to obtain an **EU & UK degree** at the same time and place.

Studying in Croatia while earning both Croatian and UK degrees gives students a unique advantage with two internationally recognized qualifications that open doors across Europe and beyond. A Goldsmiths degree is highly regarded by employers worldwide, especially in the digital, creative, and technology industries, and provides excellent opportunities for graduate studies and international careers.

Software Engineering



Everything you need to know

Type of study programme and duration: bachelor university programme, 4 years (240 ECTS credits)

Study mode: on campus, online

Language of delivery: Croatian, English

Additional option: dual degree (Croatian and British)

Academic title: univ. bacc. ing. comp. (Bachelor in Software Engineering)

Continue your studies at Algebra Bernays: one-year Master University Programme in Computer Science

Some of the jobs we are preparing you for: development engineer, cybersecurity specialist, AI engineer, database architect, computer system analyst, UX designer

Industry certificates: Oracle Certified Associate - OCA, Exam AZ-204: Developing Solutions for Microsoft Azure, Android certified application developer

Do you wish to start your career in one of the most sought-after industries that encourages future-shaping innovation and technological advances? Software engineering is the foundation of modern technologies development that make our lives and jobs easier. Experts in the fields of web and mobile applications, robotics and AI systems are of great importance when it comes to the transformation of global and local economies. The demand for development engineers is on the rise and their knowledge and skills are necessary in most industries, especially considering upcoming AI trends. Software engineering remains crucial because even though generative AI tools can speed up the development process, they cannot replace the human ability to think analytically, solve problems creatively, and design complex systems. Development engineers are necessary for designing, building and integrating AI technologies, and ensuring their functionality, security and efficiency.

At Algebra Bernays University we are opening you a path to the dynamic and innovative world of software engineering! Through practical teaching, work on real-life projects and modern tool use, you will acquire the technical knowledge and competence of design and software solution development. The study programme puts a strong emphasis on the importance of programming languages, algorithms and technological architecture, preparing you for success in the IT industry, with the possibility of continuing your studies at a master's level. Enter a world where ideas become reality – become a development engineer of the future.

The experience I gained through my studies, competing and leading the Esports club all taught me that every lost battle is an opportunity to learn, and every win is just additional motivation to continue improving. At Algebra Bernays University, I would especially highlight the expertise and professionalism of the lecturers and assistants, who are always here to help and answer all questions. After finishing my bachelor studies, which has prepared me for various software engineering jobs, I decided to deepen my knowledge through master studies. To all current and future students, I say: be persistent and believe that the opportunity to make your dreams come true is always here, even though it is sometimes hard to see.

”

Valentino Slavec,
founder of the Algebra Bernays Esports Club
and Software Engineering student

Why should you choose this study programme?

Software engineering is one of the fastest growing sectors in the IT industry and our study programme is designed to meet the real needs of the newest trends and the labour market. Through this study programme, you will acquire a basic understanding of programming, software solution development, best practices in software modelling and modern system architectures. You will learn to develop mobile and web applications and work with databases and data-analysis tools, including advanced technologies such as machine learning, robotics, geoinformatics and security systems.

You will learn programming in languages such as C++, C#, Java, JavaScript and Python, with special emphasis being placed on practical application through project-oriented learning. Projects will be done individually or in a team, using generative AI tools where appropriate to the project's goals and methods. You will

work on real industry projects, which will allow you to gain valuable experience during your studies. Also, through practical assignments, you will learn to optimize computer processes, protect data and develop AI products. With this set of skills, you will be ready for work in various sectors – from cybersecurity to artificial intelligence and robotics application development.

Prepare for the labour market

Our study programme is designed in collaboration with leading IT industry experts to meet the real needs of the labour market. Through project-oriented learning and mandatory traineeship, you will acquire readily applicable knowledge. You will learn to develop and optimise software solutions, manage data, implement safe software solutions as well as design and build solutions in the robotics field. You will also have an opportunity to take part in international exchanges, where you will acquire valuable knowledge that will make you even more competitive in the global labour market.

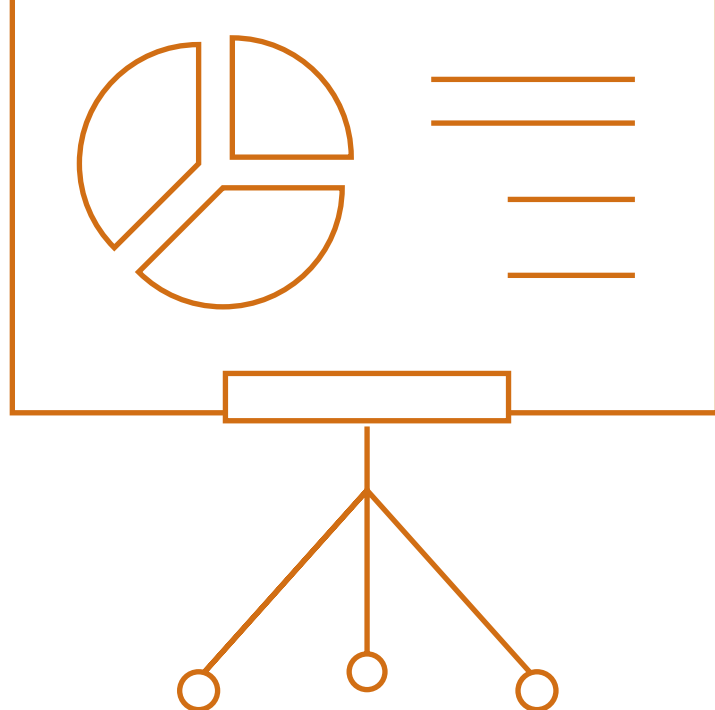
Goldsmiths

UNIVERSITY OF LONDON

This programme is validated by **Goldsmiths, University of London**. Students have the opportunity to obtain an **EU & UK degree** at the same time and place.

Studying in Croatia while earning both Croatian and UK degrees gives students a unique advantage with two internationally recognized qualifications that open doors across Europe and beyond. A Goldsmiths degree is highly regarded by employers worldwide, especially in the digital, creative, and technology industries, and provides excellent opportunities for graduate studies and international careers.

Digital Marketing



Everything you need to know

Type of study programme and duration: professional bachelor study programme, 4 years (240 ECTS credits)

Study mode: on campus, online

Language of delivery: Croatian, English

Additional option: dual degree (Croatian and British)

Academic title: bacc. oec. (Bachelor in Digital Marketing)

Continue your studies at Algebra Bernays: one-year Master University Programme in Economics of Digital Business.

Industry certificates: ECDL Start (4 exams), Google Ads Qualified Individual

Some of the jobs we are preparing you for: Marketing specialist/expert, market research specialist/expert, account executive, digital marketing expert, digital (internet/online) marketing specialist/expert, digital advertising expert, social media specialist/expert, performance advertising specialist/expert (PPC expert), user experience specialist/expert, e-commerce specialist/expert, search engine optimisation specialist/expert, content marketing specialist/expert, digital marketing strategist, project leader in digital marketing, media planning specialist/expert, media leasing specialist/expert, web-project development leader, digital communications expert

Digital marketing is one of the fastest-growing and most sought-after fields in modern economy and it plays a vital role when it comes to company-client networking. In a world where digital platforms dominate communication, the need for modern tool and trend experts is on a continuous rise. Digital marketing opens doors to dynamic and creative careers that combine analytical skills, innovative thinking and strategic planning.

At our professional bachelor Digital Marketing Study Programme, you have an opportunity to acquire practical knowledge and skills necessary to succeed in this exciting field. Solid foundation knowledge, that our students acquire during their first year of study, makes it easier for them to enter the world of marketing communications and digital platforms, as well as strategic understanding of complex business systems, data science, innovation and strategic marketing. Emphasis is placed on a project-based learning approach, and, from their second year of studies, our students could work on projects with economy representatives of well-known brands such as L'Oreal, Kraš, Franck, A1 and many others. All our lecturers are industry experts with multiple years of experience, who share their experience through a mentoring approach and help students make their first and future steps in the world of economy experts. The education process is "spiced up" with super interesting guest lectures by marketing industry hotshots as well as relevant industry experts, smaller entrepreneurs, and more as of lately by digital marketing alumni who are

currently employed in well-known Croatian and global companies (Zalando, Sofascore, A1, Infobip, Kraš, etc.) and agencies (Imago, BBDO, Bruketa & Žinić, Grey, McCann, Eriksson, Degordian, 404, etc.). From the very first semester, marketing knowledge and skills aside, our students develop "**soft skills**" that will prepare them for future work environments and career development.

Why should you choose this study programme?

Digital Marketing has also been greatly influenced by technology developments. While basic postulates still are the foundation of marketing, with the implementation of technology in business, marketing experts have faced a growing need to understand digital technologies, tools and platforms. All aspects of marketing have been greatly changed due to forced changes in consumer behaviour, spending habits, and use of digital media such as social networks, mobile apps, internet search engines and AI tools. At first glance, the most visible change occurred in the advertising sector, but marketing is much larger and more comprehensive than marketing communications. That is why you can't become a marketing expert if you don't know the basics of economics, statistics, data processing and visualization, technology and programming code, digital tools and communication channels, innovation processes and product placement as well as services that pertain to competition, psychology, entrepreneurship. All these skills are

important, but the most important one is critical thinking. Think critically and creatively, ask questions and research with curiosity, and prepare yourself for future workplaces where you will contribute to creating a better world and protecting our planet.

One of the advantages of this study programme is the possibility to actively participate in the university's Digital Talents digital agency, where students gain practical experience on real projects, with the mentorship of teachers, industry colleagues and program alumni. The agency gives students from all study programmes an opportunity to work on interdisciplinary projects. This study programme has been created to prepare you for careers in various industries – from marketing agencies and technology companies to starting your own business ventures.

Prepare for the labour market

In addition to relevant knowledge based on industry and science trends, students undergo a learning process that includes typical industry work elements. The modules are vertically and horizontally connected, which means that learned skills, knowledge, tools and technologies are used through multiple related modules. In addition to teamwork, students improve their communication and presentation skills, and in the module Career: Jobs in Marketing, they prepare their CVs and portfolios for future marketing expert careers. Later on in their studies, our students gain strategic knowledge and perspectives on solving business problems. All of this prepares them for future jobs in agencies or companies, where they will be able to fulfil their tasks and be included in business processes from the very beginning.

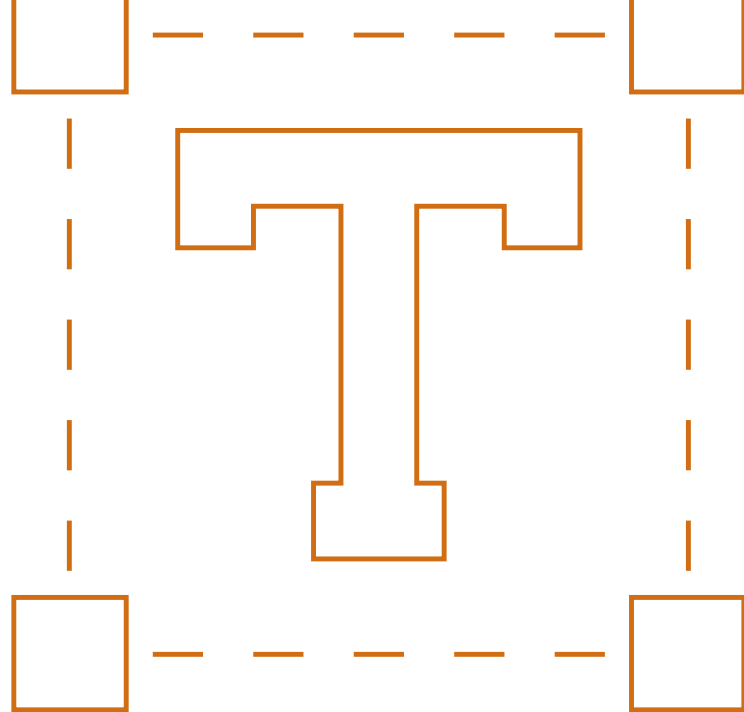
My study experience has been very inspirational, fun and knowledgeable. The study programme is designed to completely reflect real-world market needs, so I've been able to acquire skills that I could immediately use in practice. That has given me the confidence and belief that I'm on the right way for future career development. The thing that has helped me the most when it comes to preparing for the real world, was my engagement with the Economy clinic. Economy Clinic is a student association through which I was given the opportunity to organise the Underline marketing conference. As a project manager for a 20-person team, I've learned to plan and coordinate a large-scale event (more than 200 participants). Working through the Digital Talents university agency has additionally prepared me for the challenges of the industry. Teachers are incredibly approachable and support student development, and through the Erasmus+ project in Belgium, I've created friendships and unforgettable memories. I recommend all future students to use all presented opportunities, take part in projects and build friendships.

Patricija Mrkonjić,
Digital Marketing student





Visual Communications Design



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Everything you need to know

Type of study programme and duration: professional bachelor study programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian, English

Academic title: bacc. art. (Bachelor in Visual Communications Design)

Continue your studies at Algebra Bernays: one-year Master University Study Programme in Economics of Digital Business

Some of the jobs we are preparing you for: graphic designer, art director, digital product designer, user interface and user experience designer, digital photography and video specialist, illustrator, creative director

Industry certificates: ECDL Start, Adobe Certified Professional – Graphic Design & Illustration using Adobe Illustrator, Adobe Certified Professional – Visual Design using Photoshop

The Design specialization within the Visual Communications Design study programme brings together art and modern technology to create innovative solutions in the field of visual communication design. Visual communication design is a key tool in developing strong branding, visual identity, and logos. It plays a crucial role in capturing attention, conveying messages, and building brand awareness. In a world dominated by visual content across digital platforms and traditional media, the demand for talented designers who can combine creative thinking with technical skills continues to grow.

At the bachelor study programme in Visual Communications Design you'll have the opportunity to develop your creative potential and gain the practical knowledge required for success in a rapidly evolving industry. This programme prepares you for diverse career paths – from design studios and creative marketing agencies to in-house creative teams or even your own freelance or entrepreneurial ventures. You'll be able to work on building visual identities, digital campaigns, multimedia content, and a wide range of digital and print-based applications.

Why should you choose this study programme?

The Design specialization goes beyond traditional design approaches by focusing on creativity, critical thinking, and design thinking. You'll get to know the latest digital technologies and master all aspects of visual communication – from brand development and digital product design to the foundations of colour theory, typography, and photography.

By actively participating in real-world projects, you'll be well-equipped to keep up with technological and digital advancements in design. The study programme provides a solid

Studying at the university has been a once-in-a-lifetime experience I never regretted for a moment. The Design specialisation is not just about learning technical skills. It encourages creative and conceptual thinking, which is key when stepping into the job market. The study programme keeps up with market trends and adapts to prepare us for future challenges.

I especially appreciated the ICDC competitions, which taught us how to communicate with clients and turn ideas into reality, while also fostering teamwork and responsibility. A defining moment was the 'stress test' – a week of intense idea development and presentation that trained us to think on our feet under pressure.

The professors were always supportive, and the friendships with classmates were invaluable. ICDC competitions in Groningen and Lisbon are some of my fondest memories – I came back with new knowledge and lifelong connections.

To future students, my advice is to give your best on every project and task. Your grades may not define you, but your effort will be noticed by professors and can open doors. Build a network of friends and mentors as no one succeeds alone. Studying can be challenging, but it's in overcoming obstacles that we grow the most. With commitment and good organization, your story will be one to be proud of.

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Ela Hradec,
Visual Communications Design student

understanding of cultural and artistic dynamics, as well as the broader context in which design is created. You'll become a user-oriented design professional, ready for careers in design studios, production companies, creative agencies, or marketing departments around the world, or thanks to the entrepreneurial skills you'll develop, you may even launch your own design business.

Prepare for the labour market

This study programme gives you everything you need to succeed in the creative industry. You'll learn to work with cutting-edge digital tools such as Adobe Illustrator, Photoshop, and InDesign – and earn certifications for them. The curriculum reflects the latest trends in art and design and

puts strong emphasis on teamwork and project-based learning.

You'll build skills in visual design, typography, photography, web and interface design, illustration, and spatial design. Through hands-on experience and real-life projects, you'll develop branding strategies and create engaging visual communications and concepts. With a focus on creativity and innovation, you'll learn how to bring your ideas to life in the world of marketing communications. Whether you're drawn to graphic design or digital media, this programme provides the tools and expertise you need to thrive in the inspiring world of design.

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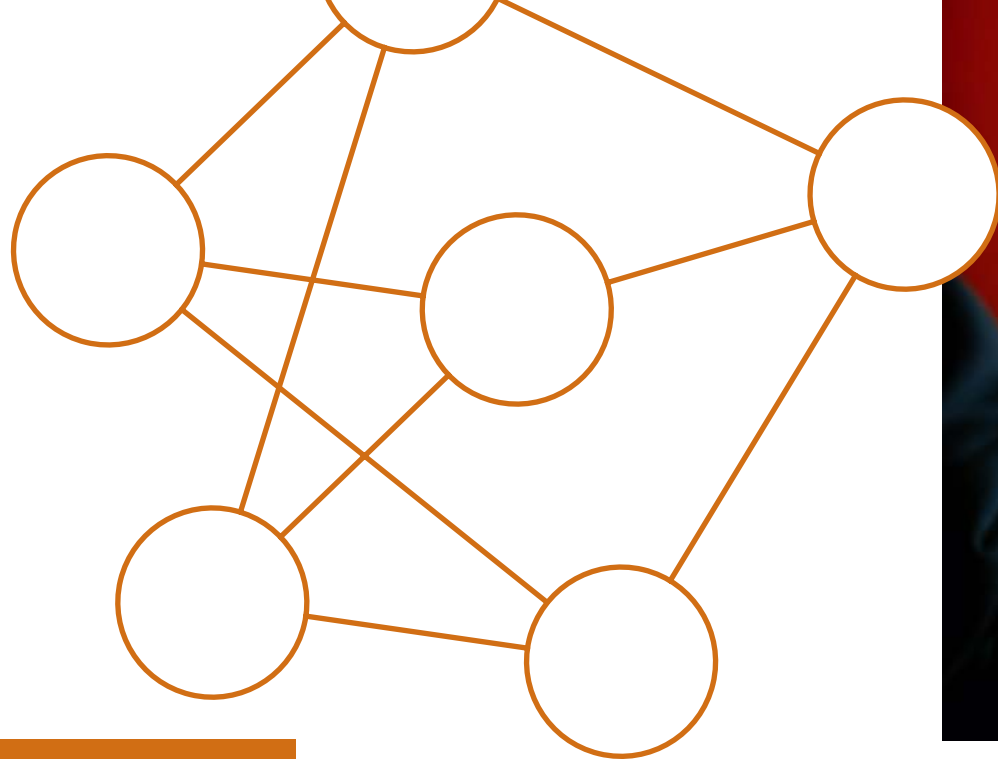


Goldsmiths
UNIVERSITY OF LONDON

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Visual Communications Design, 3D Design



Everything you need to know

Type of study programme and duration: professional bachelor study programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian, English

Additional option: dual degree (Croatian and British)

Academic title: bacc. art. (Bachelor in Visual Communications Design)

Continue your studies at Algebra Bernays: one-year Master University Programme in Economics of Digital Business

Some of the jobs we are preparing you for: 3D designer, 3D form and shape designer, 3D animator, creative project leader, spatial design expert

Industry certificates: ECDL Start, Adobe Certified Professional – Visual Design using Photoshop

3D Design is a creative field where art meets technology to shape virtual worlds, characters, and objects that define today's entertainment, gaming, and digital industries. From hyper-realistic animations and visual effects to meticulously designed characters and immersive digital environments, 3D design plays a key role in crafting memorable experiences in film, television, and interactive media. As demand for skilled professionals in this sector keeps rising, 3D design remains one of the most exciting and fastest-evolving career paths in the creative industries.

The Bachelor Study Programme in Visual Communications Design, 3D Design offers you the opportunity to build your creative potential, master advanced tools and technologies, and gain practical knowledge essential for succeeding in this thrilling and highly relevant field.

Why should you choose this study programme?

This study programme goes beyond traditional artistic approaches, focusing on developing creativity, critical thinking, and a design-focused mindset. You'll explore the latest digital technologies and learn to master all key areas of 3D modelling, animation, digital sculpting, and visualisation.

Through individual and group projects, you'll collaborate with fellow students, professors, and even real-world clients – gaining experience with the full creative process. From understanding user needs and behaviours to shaping communication goals and tailoring your work to diverse visual platforms, you'll be

equipped to tackle real-life design challenges with confidence.

The 3D Design specialization also provides a deep understanding of composition, visual space, colour, and light – enriching a traditional artistic foundation with high-level digital skills. Using cutting-edge technologies, you'll unlock your full creative potential by designing realistic or imaginative characters and objects just as it's done in the industry today.

Prepare for the labour market

The 3D Design specialization gives you everything you need for a successful career in the creative industry. You'll learn to work with

modern tools for digital sculpting, 3D modelling, and animation, and how to apply your creations in both real and virtual environments. The curriculum reflects the latest developments in 3D design and strongly emphasises teamwork and practical projects.

You'll develop skills in texturing, lighting, rendering, character animation, and plastic anatomy – gaining hands-on experience through real-world projects and building an impressive digital portfolio. Whether you choose to specialise in modelling, visualisation, or animation, this programme gives you a solid foundation and competitive edge in a constantly evolving creative industry.

My experience in the 3D Design study programme was filled with challenges and achievements that led me toward a career path I never initially considered. My professors encouraged me through various assignments, and my classmates were both a support system and a source of inspiration to further improve my work. Repeating tasks could sometimes feel frustrating, but that's exactly how I learned new approaches and refined the details. One of the most rewarding moments was seeing the 'green light' after exams – proof of my progress. Friendships and collaborations with peers helped me face the challenges of studying. My advice? Don't give up – work together, share tasks, and support each other. Everything becomes easier when you're not doing it alone.

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Petra Oniško,

Visual Communications Design – 3D Design student



Cybersecurity

Everything you need to know

Type of study programme and duration: professional bachelor study programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian, English

Academic title: bacc. ing. comp.
(Bachelor in Cybersecurity)

Continue your studies at Algebra Bernays: one-year Master University Study Programme in Computer Science

Some of the jobs we are preparing you for: Cyber incident responder, penetration tester, digital forensics investigator, cloud administrator

Industry certificates: ITIL, Red Hat Certified System Administrator – RHCSA, RHCE, Cisco Certified Network Associate – CCNA, CEH, CND, CPENT, AZ-900 Microsoft Azure Fundamentals, AZ-305, FORTINET, MS AZ-500 Microsoft Azure Security Technologies, CISSP (certificates are fee-based)

In the digital age, where information is just a click away, cybersecurity has become a crucial aspect of protecting data and privacy. As businesses, public institutions, and everyday activities increasingly move online, threats such as hacking, identity theft, and cyber-attacks are on the rise. This makes cybersecurity professionals among the most in-demand experts on the job market. The industry is growing rapidly, and the need for professionals who can ensure the stability and security of information systems has never been greater.

The professional bachelor Cybersecurity Study Programme at Algebra Bernays University offers you the opportunity to specialise in this dynamic and critically important field. Designed to prepare you for real-world security challenges, the programme equips you with practical skills and teaches you how to use tools to protect digital assets. With a strong emphasis on hands-on experience and the use of modern technologies, you will become a professional capable of securing business systems and safeguarding private data from advanced threats.

Why should you choose this study programme?

Cybersecurity goes beyond traditional IT skills and represents a challenging and innovative field that combines technological expertise with critical thinking. It is not merely a technical discipline; it also requires the ability to think strategically and make decisions in high-pressure situations.



Studying at the university has been a truly motivating experience for me. The practical focus allowed me to gain applicable knowledge in the field of cybersecurity, which is now my professional focus. The lecturers were always willing to help, and my peers were very supportive in sharing advice and knowledge. I developed a systematic approach to problem-solving and built a network of contacts that has greatly supported my career. Projects, such as implementing cloud-based security incident response, gave me invaluable experience I now use in my work. My advice to future students is to seize every opportunity, engage in projects, and seek mentors among the teaching staff as the hands-on experience is the best path to a successful career.

Ana Kapulica,
Cybersecurity student

This study programme will prepare you for a career in which you will assess threats, protect information systems, and develop and implement security policies.

Throughout your studies, you will learn how to analyse and assess risks, perform penetration testing, use modern cyber defence tools, and manage security incidents. A major advantage of this study programme is the opportunity to work on real-life projects in collaboration with the industry, gaining the practical skills needed to work in cybersecurity.

Prepare for the labour market

The Cybersecurity prepares you for a wide range of roles in the field of information and cybersecurity, including positions such as cyber incident responder, threat intelligence specialist, cybersecurity operative, cybersecurity architect, digital forensics investigator, penetration tester, cybersecurity

auditor, as well as systems and network administrators and cloud infrastructure administrators. The programme follows the latest global trends in cybersecurity and, through a focus on ICT system protection, network security, and ethical hacking, ensures you are ready to work in industries that depend on secure digital infrastructure. Working alongside mentors, you will develop strategic skills for managing security incidents and maintaining high levels of security within organisations across the globe.

Special attention is given to understanding the legal frameworks through the module *Legal and Ethical Aspects of Cybersecurity*, as well as to technical skills through *Ethical Hacking* and *Advanced DevOps*, which will prepare you for applying your knowledge in real-world scenarios. Foundational modules such as *Information Theory and Finite Automata*, *Computer Architecture*, and *Operating Systems* will help you understand how ICT infrastructure works, while modules

Communication Management

Everything you need to know

Type of study programme and duration: professional bachelor study programme, 3 years (180 ECTS credits)

Study mode: on campus

Language of delivery: Croatian

Academic title: bacc. rel. publ. (Bachelor in Communication Management)

Continue your studies at Algebra Bernays: Professional Master Study Programme in Public Relations Management

Some of the jobs we are preparing you for: public relations assistant, internal/external communications associate, marketing and corporate communications specialist, event organiser, spokesperson, journalist, media coordinator, public relations officer for political parties

Communication is one of the most dynamic and versatile professions today, with growing relevance across industries. Communication experts shape the voice of organisations, brands, and public figures, building their relationships with diverse audiences. Effective communication is at the heart of every company's success, but it relies heavily on the competence of professionals who align organisational goals with public needs, build brand image, manage crisis situations, and maintain reputation. This makes communication professionals highly valued and influential within organisations.

Why should you choose this study programme?

The Communication Management is the most comprehensive study programme of its kind in Croatia. It is based on the latest academic and industry insights and is delivered in close collaboration with future employers. From your first year of study, you'll have the opportunity to begin building a professional network, connect with potential employers, and collaborate with leading individuals, agencies, researchers, and companies. You will gain both theoretical knowledge and practical skills in developing communication strategies and gain an in-depth understanding of how the media works. This study programme offers an excellent foundation for a wide range of career paths in the communication industry. It is ideal for those interested in communication, public relations, marketing, branding, spokesperson roles, or journalism.



Studying at Algebra Bernays is a real breath of fresh air! There's a fun, relaxed, yet hard-working atmosphere that makes every day enjoyable. The professors are approachable and always ready to help. You don't just learn theory here; you gain practical knowledge that prepares you for the real world. The study programme is innovative and packed with opportunities for personal and professional development, and the additional activities enrich our student life even further. Here, learning doesn't feel like a chore as it feels like a fantastic opportunity for growth. If you're looking for a place where you can both enjoy yourself and grow, Algebra Bernays is the perfect choice. Don't miss the chance to become part of this amazing community. I'm writing my story and shaping my future here—and you can too!

Lorena Antunović,
Communication Management
student

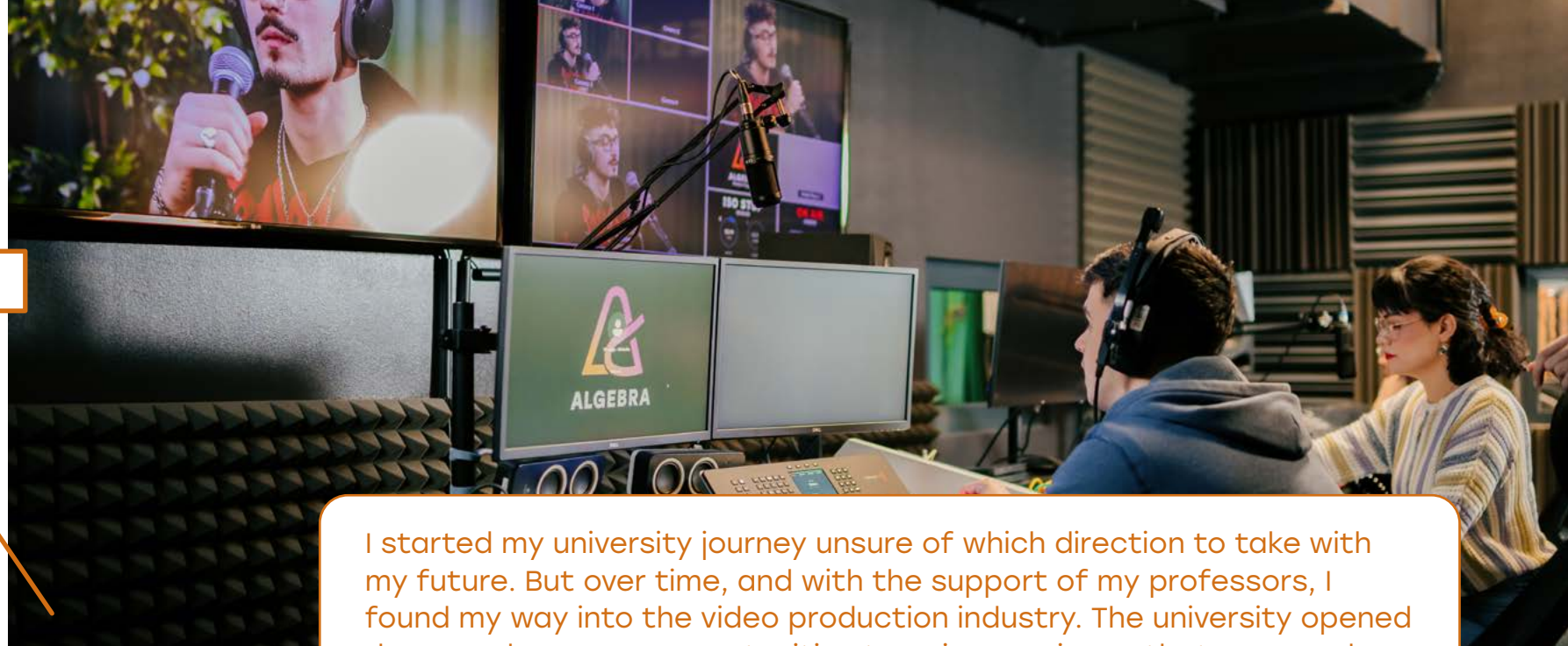
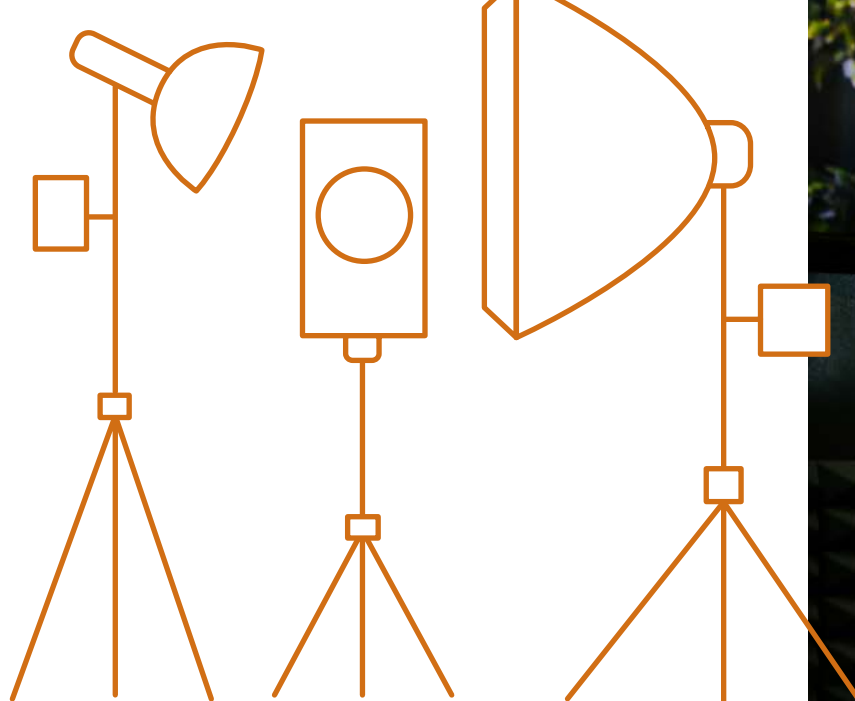
Prepare for the labour market

This study programme prepares you for a dynamic role in the communications industry, where you will need to understand the principles of communication theory, public relations, marketing, branding, management, economics, corporate and business communication, political marketing, and the psychology of communication. You'll also become familiar with how the media industry operates, including the foundations of journalism and the use of emerging technologies such as AI, VR, and AR in communication.

The curriculum includes a mix of theoretical modules and over 595 hours of hands-on experience through workshops, fieldwork, and professional internships across three years of study. You can complete your internship at one or more of over 130 partner institutions—giving you a head start as you prepare for your professional career even before graduation.



Multimedia Production



I started my university journey unsure of which direction to take with my future. But over time, and with the support of my professors, I found my way into the video production industry. The university opened doors and gave me opportunities to gain experience that prepared me for the challenges of the job market. I took part in various multimedia production projects that ran alongside regular classes and activities. The professors were the ones who taught me the foundations, encouraged me, and gave guidance and useful advice – preparing me for the industry I work in today. One of my favourite experiences was meeting classmates with whom I worked on many projects, both academic and private. Some of them are now my business partners at AGR Productions. If you're starting your journey at Algebra Bernays University, especially in video production, the best advice I can give you is to gather your team and start building your personal and team portfolio. It might even lead to your future business – you never know. And don't hesitate to ask your professors for help as they're always ready to jump in, support you, and offer useful tips. It worked for me. I'm rooting for you!

Lovro Badelj,
Multimedia Production student

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One of the key advantages of this study programme is the opportunity to work in modern studios and labs, under the mentorship of experienced industry professionals. Students get to work with state-of-the-art equipment and prepare for real-world challenges through hands-on projects including animation, visual effects, user interface design, and audiovisual production.

Prepare for the labour market

This study programme gives you all the tools and skills required to succeed in the digital production industry. You will learn how to use technology to create visual and audio content,

apply post-production techniques, and develop creative solutions for dynamic multimedia outputs. The curriculum reflects current trends and technologies, including animation, visual and sound design, interface development, and storytelling – everything you need to thrive in the digital industry.

With a strong focus on practical projects, you will immediately put your knowledge into action and prepare for a dynamic career in production. Whether you choose to specialize in animation, film post-production, or web design, this programme opens the door to an industry constantly seeking talented and innovative professionals.

Everything you need to know

Type of study programme and duration: professional bachelor study programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian

Academic title: bacc. ing. techn. graph. (Bachelor in Multimedia Production)

Continue your studies at Algebra Bernays: one-year Master University Study Programme in Economics of Digital Business

Some of the jobs we are preparing you for: multimedia production specialist, multimedia project manager, web designer, digital video and audio mastering expert

Industry certificates: ECDL Start (4 modules), ACP – Digital Video using Adobe Premiere Pro, ACP – Visual Effects & Motion Graphics using Adobe After Effects, ACP – Visual Design using Photoshop, ACP – Print & Digital Media Publication using Adobe InDesign, ACP – Graphic Design & Illustration using Adobe Illustrator, HTML & CSS Coding Specialist, PHP Coding Specialist

Multimedia Production combines creativity and technology, laying the foundation for an exciting career in the dynamic world of audiovisual arts and digital media. In today's tech-driven society, multimedia content has become a key tool for communication, education, and entertainment. There is a growing demand for professionals who can merge innovative design, technical skills, and an artistic approach. This field covers a wide range of activities from creating visual and interactive content to managing complex production projects.

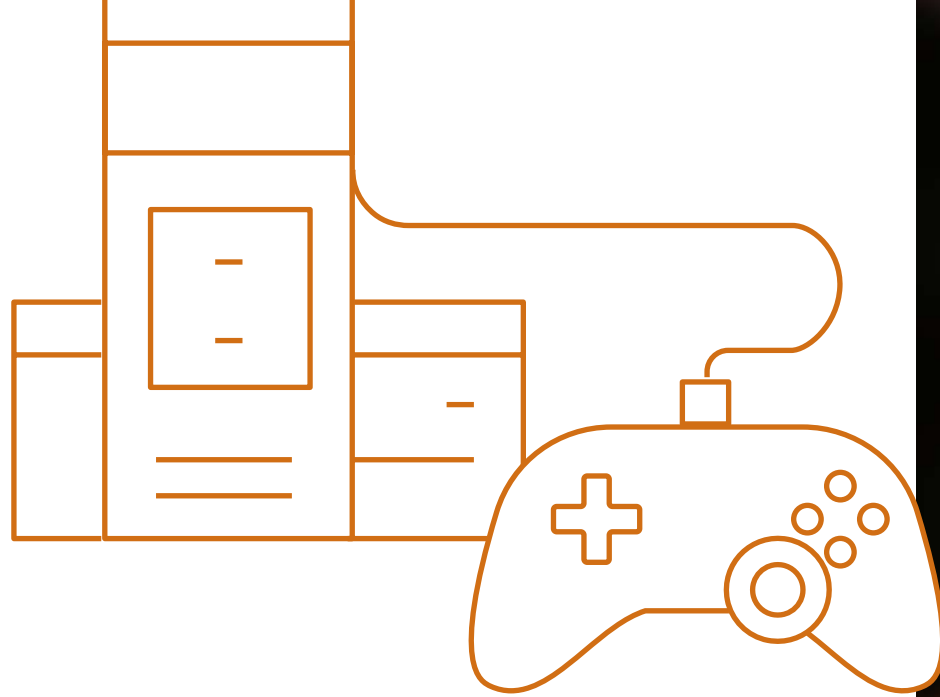
At the professional bachelor study programme in Multimedia Production, you will gain practical skills and knowledge essential for working in a fast-evolving industry shaped by modern trends. This study programme prepares you for diverse careers in digital media, web design, video production, animation, and post-production with a strong emphasis on hands-on experience and practical application in contemporary business environments.

Why should you choose this study programme?

Multimedia Production goes far beyond the traditional understanding of digital media. It is a complex, interdisciplinary field that encompasses all aspects of creating digital content from photography, sound, and video to post-production and web design. During your studies, you will master advanced tools and techniques for producing and distributing multimedia content across various platforms, developing skills that will make you highly competitive in the global marketplace.



Game Development



Everything you need to know

Type of study programme and duration: professional bachelor study programme, 4 years (240 ECTS credits)

Study mode: on campus

Language of delivery: Croatian, English

Academic title: bacc. ing. comp. (Bachelor in Game Development)

Continue your studies at Algebra Bernays: one-year Master University Programme in Computer Science

Some of the jobs we are preparing you for: game programmer, game designer, game producer, game tester, narrative designer, level designer

Industry certificates: ECDL Start

The video game industry is one of the most dynamic and fastest-growing industries in the world, with a projected global revenue of \$184.3 billion in 2024 and millions of users across the globe. Video games are no longer just entertainment—they're a vital part of creative and technological innovation, with applications in education, healthcare, and industrial simulations.

The Bachelor Study Programme in Game Development offers you the chance to develop your programming, design, and artistic skills, while gaining practical knowledge needed to succeed in the gaming industry. This study programme prepares you for a career in game development whether as a programmer, designer, or producer with a strong focus on real-world applications and team-based project work.

Why should you choose this study programme?

The Game Development study programme goes far beyond traditional approaches to programming and design. It focuses on developing creativity, technical proficiency, and problem-solving skills. You'll be introduced to the latest game development technologies such as Unreal Engine and Unity, and will master key areas like programming, game design, and game production. By participating in both individual and group projects, you'll collaborate with fellow students, lecturers, and real-world clients

to experience the complete game development process. From initial concept to final production, you'll gain hands-on experience that will prepare you for industry challenges and help you build an impressive portfolio. Throughout your studies, you'll learn essential disciplines including programming in C++ and C#, game design, 3D modelling, animation, and production. You'll also acquire valuable knowledge in project management and production workflows, preparing you for success in a constantly evolving industry.

Prepare for the labour market

Game Development equips you with all the skills and tools needed for a successful career in the gaming industry. You'll learn how to use the latest game engines and technologies, and how to apply your ideas to both real and virtual environments. The study programme reflects current trends in the field, with a strong emphasis on teamwork and hands-on projects. You'll develop skills in game programming, level design, production, and project coordination—allowing you to put your knowledge to use immediately. Through practice and real-world projects, you'll gain the experience needed to enter the video game industry and thrive in roles ranging from developer and designer to producer and beyond.

As a child, I have always dreamt of creating my own video game and today, I'm turning that dream into reality, thanks to a scholarship from White Shark that allowed me to study here. From day one, the professors have supported my work and answered all my questions, creating a positive and motivating learning environment.

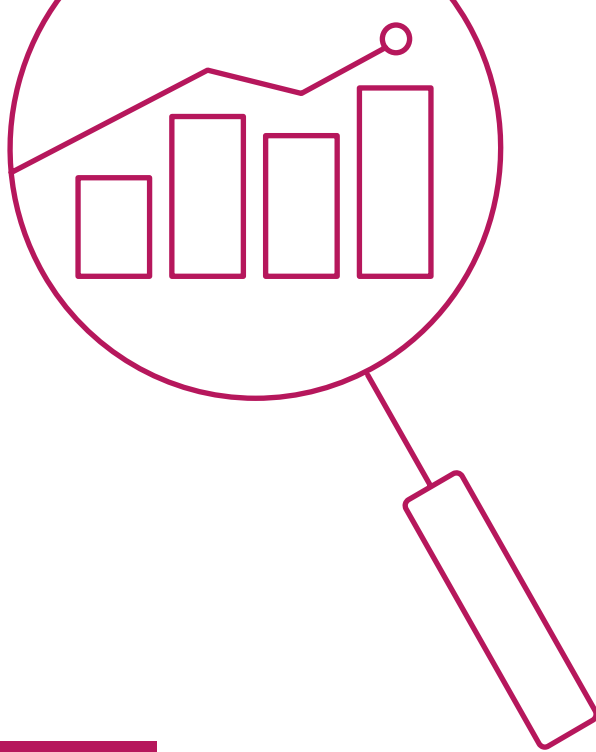
The university gave me the chance to improve my skills and deepen my understanding through lectures and projects that reflect real roles in the game industry from designer to programmer. I know this is just the beginning of my journey, but every day I push myself to be excellent at what I love, with motivation and hard work guiding me towards my dream.

Luka Djak,
Game Development student

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Economics of Digital Business





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Everything you need to know

Type of study programme and duration: university master study programme, 2 years (120 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: univ.mag.oec. (Master in Economics of Digital Business)

Some of the jobs we are preparing you for: finance manager or director, marketing manager, stockbroker, head of accounting, banking professional

One of the most important drivers of today's economy is the ubiquitous digitization. Whether it is the development of new digital products, or the application of artificial intelligence technologies in the context of business. Without a doubt, the digitization of business processes is one of the basic prerequisites for achieving competitiveness, both on the domestic and international labour markets. The Economics of Digital Business study programme provides students with advanced knowledge and enables the development of skills necessary for a successful career in the business world.

The study programme covers key areas of business economics, such as finance and accounting, marketing and management, while providing detailed insight into the digital transformation of these fields. In addition, our students have highly specific modules, which will introduce them to the use of artificial intelligence in business, neuromarketing, FinTech, and sustainability and socially responsible business.

This study programme allows you to be more prepared for the technological changes that will continue to occur in the future and ensure an interesting and challenging career in the world of business.

Why should you choose this study programme?

Choosing the Economics of Digital Business allows you to enhance the knowledge, skills, and competencies needed to respond to future business challenges. In addition to deepening your understanding of core business

This two-year master's programme equips students with a strong foundation in business economics and prepares them to meet the demands of digital transformation across industries. By combining theory with practical experience, students develop the ability to make data-informed decisions, work across disciplines, and apply emerging technologies in real-world business contexts. Whether they are entering the corporate sector, continuing academic research, or launching start-ups, graduates are well-prepared for a wide range of career paths.

Associate Professor Nikola Drašković,
Head of the Economics of Digital Business study programme

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economics, this study programme broadens your perspective on the impact of digital transformation, ethical and legal standards, sustainable business practices, and the development of negotiation, critical thinking, and creative skills.

Prepare for the labour market

The study programme blends various teaching and learning approaches. In addition to classic lectures, many modules include practical, team-based projects drawn from real-world business cases. This approach enables students to compare theoretical models

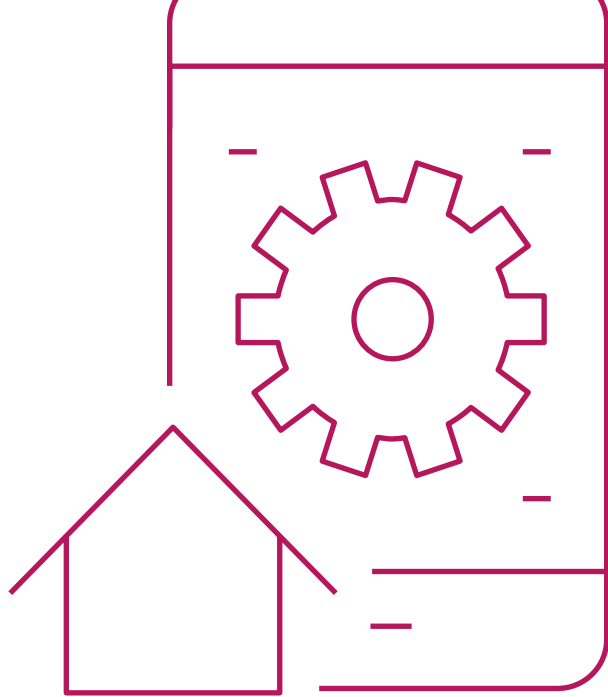
with local and international practice and to explore global trends shaping the future of business.

The study programme also emphasises the importance of science and innovation as key drivers of technological development and competitiveness. Students will gain the necessary competencies for working in multidisciplinary teams and solving complex business challenges creatively and effectively.

67



Cybersecurity



Everything you need to know

Type of study programme and duration: professional master study programme, 2 years (120 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: mag. ing. comp.
(Professional Master in Applied Computer Engineering)

Certificates: RHCE – RedHat Certified Engineer, MS AZ-500 Microsoft Azure Security Technologies, MS AZ-303 Microsoft Azure Architect Technologies

Some of the jobs we are preparing you for: system administrator, network administrator or engineer, computer security engineer, cloud computing specialist, IT systems automation specialist, IT consultant, computer forensics expert, DevOps engineer, IT infrastructure manager

Cybersecurity play a key role in planning, implementing, maintaining and optimizing IT infrastructures. Their job is to ensure the stability, security and reliability of systems that are the foundation of business processes and the daily work of organizations. The main task of systems engineers is to ensure the harmonious functioning of all parts of the IT system - from networks and servers to applications and user devices. Their responsibilities include managing security threats, ensuring high system availability, and selecting and adapting available technologies to the specific needs of the organization. Systems engineers also monitor technological changes, introduce new solutions and implement advanced technologies such as cloud computing and automation, thereby contributing to the optimization of business processes. Their work is crucial for the successful operation of modern companies, making them an indispensable part of every organization.

Why should you choose this study programme?

The Cybersecurity study programme provides you with the advanced practical knowledge needed for a successful career in the IT industry. You will learn how to implement complex computer systems, identify business needs, and select technologies that achieve a secure, reliable, and efficient IT infrastructure. With an emphasis on topics such as computer security, forensics, automation, and identity management, the program prepares you to solve the real-world challenges of modern business.

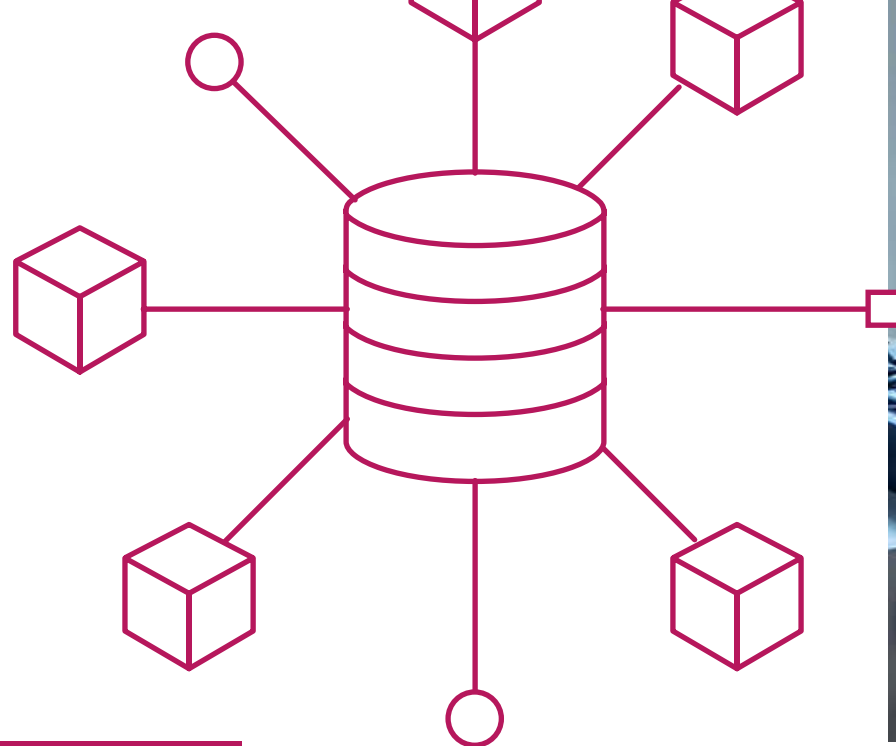
Prepare for the labour market

The study programme prepares you for the job market by developing practical skills for working with advanced network technologies, security systems, cloud computing, and automation. Through collaboration with mentors and work on project assignments, you acquire the knowledge necessary to plan, implement, and maintain complex IT systems.

This study programme also includes the opportunity to acquire industry certificates, which will further confirm your expertise and increase employability, but the main focus is still on the practical application of knowledge and preparation for the challenges of the modern IT environment. Upon completion of the Applied Computer Engineering, Cybersecurity programme, you will be ready to solve complex technological problems in the dynamic environment of modern business organizations.



Computer Science



75

Everything you need to know

Type of study programme and duration: university master study programme, 1 year (60 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: univ. mag. ing. comp. (Master in Computer Science)

Some of the jobs we are preparing you for: software developer, database architect, business systems analyst, cybersecurity specialist

Software engineering is one of the most in-demand and dynamic fields in the IT industry, essential for developing the software solutions and technologies that shape the modern world. This career path offers a wealth of opportunities for innovation, creativity, and working with cutting-edge tools, while software engineers continue to rank among the most sought-after professionals globally.

The Master Study Programme in Computer Science equips students with advanced skills for building innovative software solutions and digital applications. The study programme includes topics such as product and service development, leadership in tech environments, advanced C++ programming, game theory in business, cybersecurity, and high-performance computing (HPC). Students can individually build their desired path by selecting elective modules aligned with their career goals. Through hands-on learning and real-world projects, students are prepared to thrive in an industry that values interdisciplinarity, technical expertise, and forward-thinking innovation.

This degree opens the door to becoming a leader in technological transformation, offering a pathway to diverse and rewarding careers across the IT sector—from game development to advanced analytics and cybersecurity.

Why should you choose this study programme?

This one-year master study programme allows you to specialise in key areas of modern technology and software development. The curriculum keeps pace with the latest industry trends, offering modules in advanced

Our one-year Master Study Programme in Computer Science is designed to provide students with in-depth knowledge and specialist skills for navigating today's rapidly evolving tech landscape. With modules such as Leadership in Tech Environments and High-Performance Computing, we prepare students to lead complex projects and create top-level solutions.

By choosing from a variety of electives, students can focus on areas such as cybersecurity, advanced game development, or the use of game theory in business. Through a combination of theory, practical projects, and research, we nurture creativity, innovation, and problem-solving. Our graduates are well prepared for careers in developing advanced digital systems, working in high-performance computing, cyber defence, or launching their own ventures within the digital ecosystem.

Associate Professor Goran Đambić,
Head of the Computer Science study programme

programming, game development, digital security systems, strategic applications of game theory, and building solutions in high-performance computing environments. Its interdisciplinary structure ensures you gain both relevant knowledge and practical skills for tackling today's tech challenges with confidence.

Prepare for the labour market

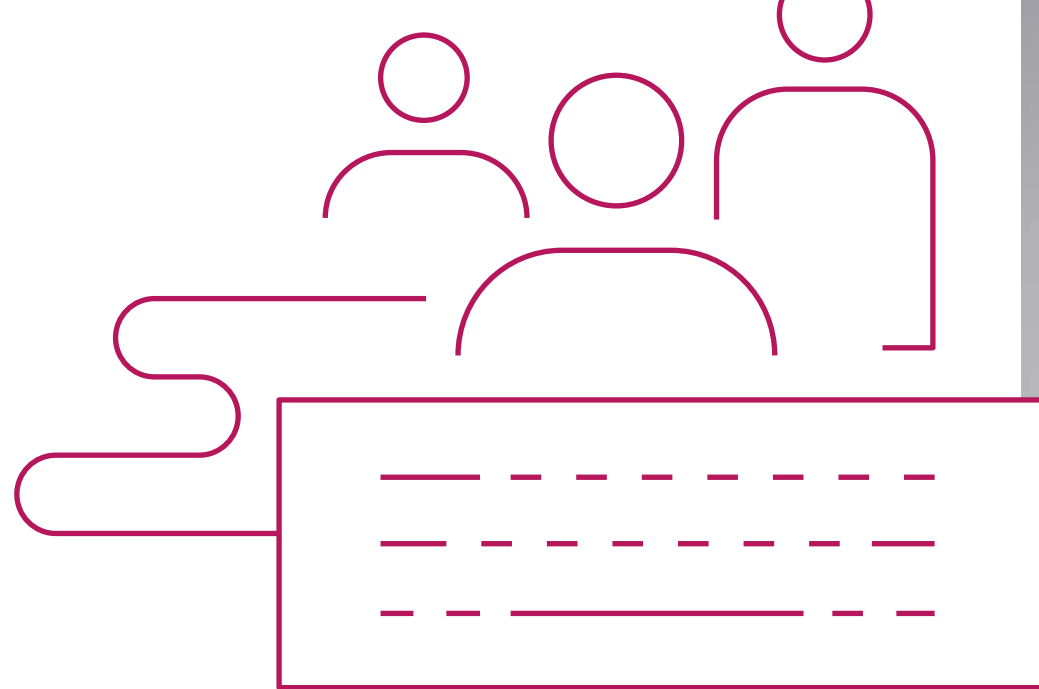
This study programme provides a hands-on, project-driven learning experience that mirrors real business environments. In addition to gaining practical skills, students

are encouraged to explore advanced technological concepts through research-oriented modulework. Modules such as *Research Seminar in Software Engineering* and *Advanced Statistical Modelling* promote analytical thinking and academic inquiry.

Graduates will be equipped to work in agile teams, lead technology projects, and develop solutions for complex business problems. Whether entering the industry or pursuing further research, students are prepared to innovate, solve problems creatively, and contribute to the evolution of digital technologies.



Digital Marketing



Everything you need to know

Type of study programme and duration: professional master study programme, 2 years (120 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: mag. oec.
(Professional Master in Digital Marketing)

Some of the jobs we are preparing you for: marketing specialist, strategic communication expert, account executive, communications strategist, social media analytics specialist, data analyst, data visualisation expert, digital communications expert

The Digital Marketing Master Study Programme is a two-year professional graduate programme designed for students who have completed a three-year undergraduate degree. This study programme supports your development into a strategic marketing expert, enabling you to apply your existing knowledge and skills to the business growth of companies in a digital environment.

Students will gain a deep understanding of international marketing dynamics, explore innovative approaches to business growth, and learn how to use data insights to shape exceptional brand experiences and customer-first strategies.

Advanced skills, developed through elective modules, include CRM and social media analytics, data analysis and visualisation, creative, critical, and design thinking. You'll also learn how to assess the impact of technology and alternative approaches in marketing and how to apply them effectively in practice.

Why should you choose this study programme?

This master's programme was developed to meet the needs of the market for highly skilled marketing professionals. It addresses both Croatian labour market requirements and global marketing trends. It provides students with professional, interdisciplinary, and transferable skills, as well as personal and social competencies such as independence, responsibility, and collaboration.



Lecturers on the study programme are experienced professionals with managerial backgrounds in some of the largest Croatian and international companies and agencies. The teaching methods encourage students to think outside the box, apply their knowledge, solve problems analytically and critically, and make strategic business decisions with awareness of the broader industry context.

Prepare for the labour market

The aim of this study programme is to enhance strategic and critical thinking, improve data analysis and decision-making skills, and support innovation and business development. Upon graduation, students will become digital marketing professionals with deep knowledge of analytics, optimisation, and data visualisation, as well as the ability to detect

patterns, interpret data meaningfully, and make strategic marketing decisions.

Thanks to strong industry links, students gain early exposure to real-world scenarios through guest lectures and collaborative projects with industry partners. Upon completing the programme, students are prepared to become versatile, interdisciplinary professionals capable of working in a wide range of industries worldwide.

Creative Design Management



Everything you need to know

Type of study programme and duration: professional master study programme, 2 years (120 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: mag. art.
(Professional Master in Creative Design Management)

Some of the jobs we are preparing you for: creative director, marketing manager, client relations director, strategic planner

Industry certificates: Adobe Certified Professional – Graphic Design & Illustration using Adobe Illustrator, Adobe Certified Professional – Visual Design using Photoshop

In a fast-moving world of innovation and digital disruption, solving complex communication challenges requires a mix of creativity, leadership and strategic thinking. The Creative Design Management study programme prepares you for a dynamic world of modern market communications, as well as teaches you the necessary skills to lead complex marketing campaigns and manage creative teams.

Why should you choose this study programme?

The Creative Design Management study programme helps you master modern techniques and methods that are essential for success in the field of design and marketing communications. Through an interdisciplinary approach, this study programme combines knowledge from the arts, social sciences and technical sciences, preparing students for work in various industries. You will learn how to develop ideas, manage creative processes and lead projects, as well as how to understand consumers and apply all elements of integrated marketing communications.

Prepare for the labour market

This study programme will enable you to acquire practical and theoretical knowledge necessary for a successful career. Through project work and collaboration with experienced mentors, you will gain the ability to lead teams and make strategic decisions. This study programme will

prepare you for real business challenges, including idea management, understanding consumer behaviour, brand creation and development of personal or corporate identity, as well as advanced multimedia skills. Project management, team leadership and developing creative solutions for market communications will become your core competencies. This study programme helps you become an innovative leader in the industry, ready to take on roles such as creative director, marketing director, strategic planner and other key positions.





Data Science

Everything you need to know

Type of study programme and duration: professional master study programme, 2 years (120 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: mag. ing. comp. (Professional Master in Applied Computer Engineering)

Certificates: IT SMF, ITIL Foundation, Introduction to Programming Using Python, Tableau Desktop Qualified Associate

Some of the jobs we are preparing you for: data analyst, business intelligence specialist, data specialist, data engineer, project lead

Data science is one of the most in-demand fields today, playing a key role in making informed business decisions and developing technology solutions. The Applied Computer Engineering, Data Science study programme is designed to provide you with the advanced knowledge and skills needed to work with large databases, analyse and interpret data, and create innovative data-driven solutions. This study programme prepares you for success in the challenging and rapidly changing data science environment.

Why should you choose this study programme?

The Data Science study programme offers an interdisciplinary approach, integrating the fields of mathematics, computer science, and business analytics. You will learn advanced techniques in data analysis, machine learning, visualisation, and business reporting. Through practical projects and teamwork, you will learn how to contextualize data and develop “stories” that support key business decisions. This study programme prepares you for roles such as data analyst, business intelligence specialist, or data project manager, making you indispensable in the modern business world.

Prepare for the labour market

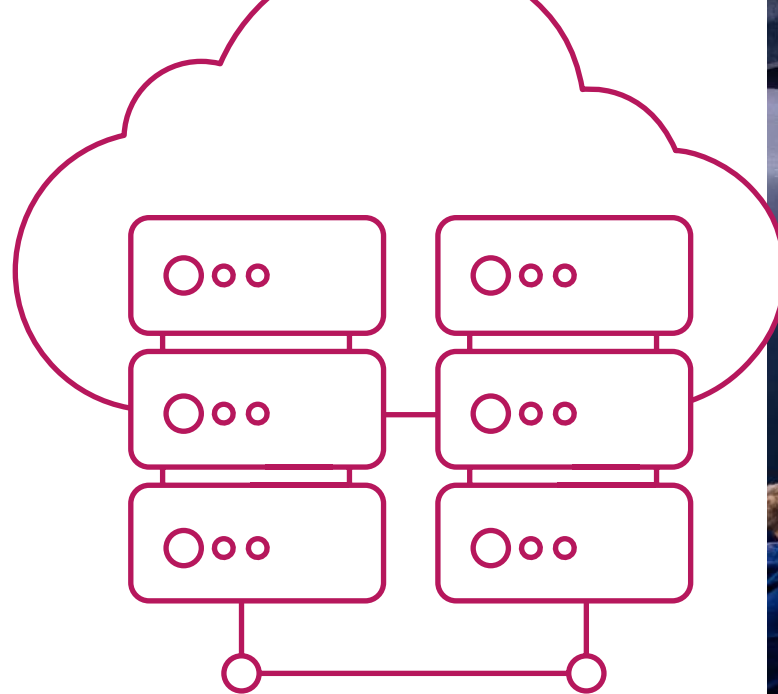
Data science provides you with everything you need for a successful career. Through classes and projects, you will develop skills that will allow you to evaluate complex problems, select optimal methods for working with data, and apply artificial intelligence to solve business challenges. The program offers an in-depth understanding of data privacy and ethical aspects, as well as the ability to work with

high-performance computing and large data sets. Through collaboration with mentors and work on real-world projects, you will gain experience that will prepare you for roles such as data analyst, data engineer, and project manager. The focus on practical knowledge allows you to quickly adapt to the job market and gain an advantage in the industry.





Software Engineering



Everything you need to know

Type of study programme and duration: professional master study programme, 2 years (120 ECTS credits)

Study mode: online

Language of delivery: English

Academic title: mag. ing. comp. (Professional Master in Applied Computer Engineering)

Some of the jobs we are preparing you for: software engineer, system architect, mobile app developer, web applications expert, database specialist

Software engineering is one of the most sought-after areas of the IT industry, crucial for the development of software solutions and technologies that shape the modern world. A career in this field offers numerous opportunities for innovation and work with the latest technologies, while software engineers remain among the most sought-after specialists in the global labour market. The graduate professional study program in Applied Computer Science, major in Software Engineering at Algebra Bernays University provides you with advanced knowledge and skills to develop innovative software solutions. The study covers a wide range of technologies, including programming for web platforms, mobile application development, business intelligence, e-business and computer cryptography, preparing you for success in this rapidly evolving industry.

Why should you choose this study programme?

Software engineering gives you the opportunity to improve programming skills in the most sought-after programming languages such as Java, C# and Python, and to develop and master advanced software solution design techniques. Through this module, you will gain practical experience in the design, implementation and analysis of software systems, and will learn to develop IoT products and solve complex problems by applying critical analysis and best practices.

Choosing a graduate program in Applied Computer Engineering, majoring in Software Engineering, provides students with an exceptional opportunity to develop expertise in key areas of computing and technology. The major offers a rich and comprehensive curriculum that covers current technological trends, including the development of web and mobile applications, the development of solutions based on service-oriented architectures, systems based on machine learning, the implementation of security in information systems, and the development and implementation of various business solutions.

Prepare for the labour market

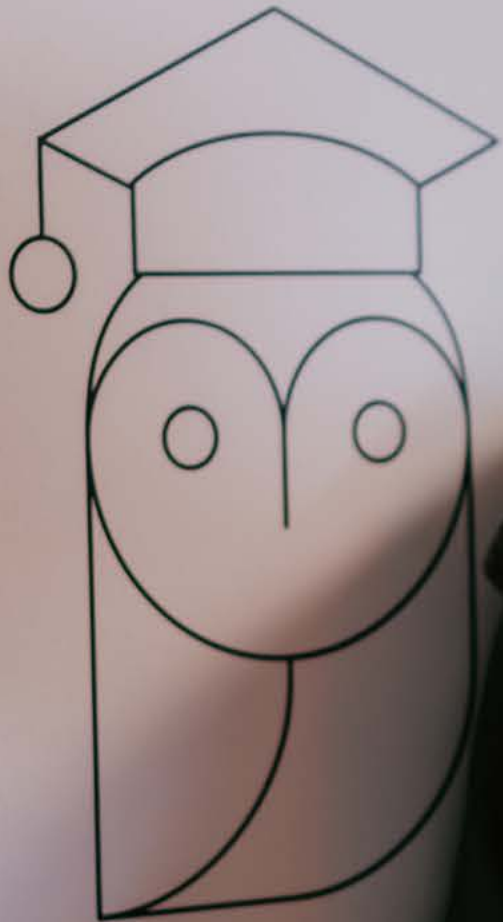
This study programme prepares you for various roles in software engineering, including mobile application development, web application development, business systems design,

and database management. During your studies, you will gain independence in your work, adopt professional standards, and learn how to find innovative solutions and evaluate business ideas. This programme provides practical experience and collaboration with mentors, preparing you for independent projects and entrepreneurial ventures. This programme provides you with the opportunity to learn through practical interdisciplinary projects, which allows students to gain useful experience and skills that are directly applicable in real business environments. Students will acquire the necessary competencies to work in agile teams and solve complex technical problems and will also be prepared to develop innovations and lead technology projects.



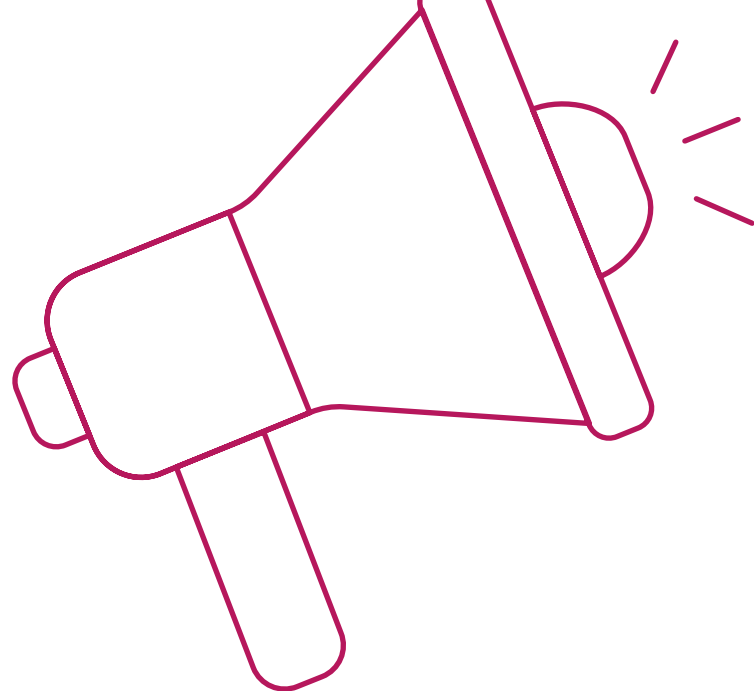
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HYPER TROPICAL
PARADISE PALM TREE

Public Relations Management



Everything you need to know

Type of study programme and duration: professional master study programme, 2 years (120 ECTS credits)

Study mode: on campus

Language of delivery: Croatian

Practical labs: 600 hours

Academic title: mag. rel. publ.
(Professional Master in Public Relations Management)

Some of the jobs we are preparing you for: Public Relations Manager, head of the public relations office, crisis communication specialist, internal communications specialist, media strategist, corporate communications advisor, event manager, communication strategies expert, brand manager

Choosing a career in public relations can lead you to attractive opportunities to work with world-renowned brands and influential individuals. Public relations is the practice of managing communication between organizations, brands or individuals and their audiences with the aim of building and maintaining a positive image, reputation and trust. Public relations is one of the most exciting jobs in our modern world – as it allows you to actively participate in shaping public opinions and work with leading people from various industries. PR gives you the opportunity to collaborate with renowned brands and companies, public figures and influential individuals, and to develop skills in various areas. If you are looking for a dynamic job full of different challenges and growth opportunities, PR could be your best choice!

Why should you choose this study programme?

The Public Relations Management study programme represents our response to the ever-growing demands of employers in the communications industry, who need competent communications experts capable of managing complex communications strategies. Through specialised content, this study programme transforms your competencies from technical to managerial level, enabling you to take on leadership or consulting positions after completing your studies. The master study programme is based on practical forms of teaching, inclusion



of recognized experts and employers in the teaching process, practicums in all academic years, and project assignments and practical learning outcomes in all modules.

Prepare for the labour market

For many years, employers have been of the opinion that the most well-rounded PR professionals come from our university of applied sciences. This study program places great emphasis on practical experience, preparing you for the challenges of the labour market. It provides you with the opportunity to do internships in leading public relations

agencies, marketing agencies, agencies specializing in digital communication, event management agencies, domestic and foreign companies, political organisations, cultural institutions, and non-profit and other public or private organizations that engage in activities consistent with the study programme. In direct contact with employers, working on real projects and facing real communication challenges, you will develop your competencies and potential within the framework of internships and professional practice, which in two years amount to as much as 600 hours.

Computer & Data Science

Joint Doctoral Study Programme
Algebra Bernays University, Zagreb &
Faculty of Information Studies, Novo Mesto



Everything you need to know

Type of study programme: *Doctor of Philosophy (PhD) in Computer & Data Science – joint award*

Duration: 3 years, full-time (flexible extensions possible)

Language of delivery: English

Locations: Zagreb (Croatia), Novo Mesto (Slovenia)

Entry requirements: Master's degree (EQF 7) ≥ 300 ECTS, strong research fit, English B2

Research infrastructure: Full access to public research facilities and the **Rudy** HPC super-computer at FIŠ (hpc.fis.unm.si)

The programme is built to **unlock your computing talent** for applications across bioinformatics, geosensorics, advanced computing and artificial intelligence. Alongside deep-tech research, a dedicated IP-strategy module—packed with real-world examples—shows you how to protect and monetise your innovations as you turn bold ideas into market-ready breakthroughs.

In a world where algorithms trade energy on global markets, neural networks draft legislation, and sensor grids monitor ecosystems in real-time, the frontier between research and application has all but disappeared. The Joint Doctoral Study Programme in **Computer & Data Science**, co-created by **Algebra Bernays University** and the Faculty of Information Studies, is built precisely for this blurred frontier. Over three concentrated years you will generate original knowledge, publish it in high-impact outlets, and convert it—through patents, start-ups, or public-sector pilots—into tangible value for the European research and innovation landscape. Two campuses only an hour apart by motorway give you double the professors, double the labs, and double the professional network. At the same time, a single, jointly conferred PhD degree guarantees automatic recognition across the European Higher Education Area.

Why should you choose this study programme?

First, because *depth meets breadth* here. More than forty internationally cited scholars—from quantum-inspired optimization specialists to ethicists shaping EU AI regulation—teach and supervise the programme. Their publications appear in *Nature Physics*, *PNAS*, *NeurIPS*, and *ACL*, ensuring your dissertation conversations are anchored in the most current debates. Each candidate is paired with a principal supervisor and a co-supervisor—one from each country—so every research decision benefits from complementary expertise and cultural perspectives.

Second, because you gain unhindered access to some of Central Europe's strongest **digital research infrastructures**, in Zagreb, the *Nimbus* private cloud at **Algebra Bernays University**

lets you spin up 4,000 virtual machines or fine-tune billion-parameter language models on a GPU super-server. In Novo mesto, the *Rudy* HPC cluster offers 736 CPU cores and terabytes of RAM for large-scale network simulations or combinatorial optimization experiments. Secure VPN tunnels and a shared FAIR-data policy mean you can schedule compute jobs across both sites from your laptop anywhere in the world.

Third, because the curriculum is deliberately *interdisciplinary*. Core modules in scientific method and advanced machine learning are complemented by electives such as Time-Series Analysis for Climate Signals, Intellectual-Property Valuation, Graph-Theory Frontiers, and Cognitive Science for Human-Centred AI. Doctoral seminars train you in reproducibility, grant writing, Horizon Europe proposal design, and science communication, while short study visits to partner labs—ESA research centers, national supercomputing facilities, and venture-builder accelerators—let you test ideas in radically different contexts.

Finally, the programme is structured around a **joint-governance model** that keeps quality assurance transparent and student-centered. A bi-national Academic Commission approves every dissertation proposal; a Joint Examination Board routinely samples assessments to guarantee that grading in Croatia and Slovenia remains aligned with EQF level-8 descriptors; and a student-elected representative sits on the Quality Enhancement Committee, giving you a direct voice in how the doctorate evolves.

Prepare for the labor market

The digital economy is starving for leaders who can both invent state-of-the-art algorithms and explain their societal ramifications.

Graduates of this joint doctorate emerge with precisely that dual competence. During your studies you must publish in indexed journals, contribute to a funded R&D consortium, and defend your thesis before an international panel—all experiences that map directly onto the **skills matrices sought by universities, applied-research institutes, and deep-tech companies** alike.

Because the two partner institutions collectively run more than seventy competitive research projects, you will learn how to navigate the full life cycle of innovation funding: scouting calls, writing proposals, budgeting work packages, delivering milestones, and reporting impact to agencies such as the European Commission or national science foundations. Those project hours, documented in your Diploma Supplement, translate immediately into employability—whether you apply for a post-doc, join a corporate R&D unit, or launch a start-up through Algebra Bernays University's LAB incubator or the Slovenian HPC Research Centre.

Alumni already lead data-science teams at Infobip, Ericsson Nikola Tesla, and Rimac Technology, manage AI-ethics portfolios for EU Directorates-General, and teach at universities from Vienna to Singapore. Others have converted dissertation prototypes into venture-backed companies delivering fraud-detection engines, bioinformatics platforms, and digital-twin solutions for smart manufacturing. Continuous mentoring, investor-match events, and access to patent-attorney clinics ensure that your research can travel the same route from paper to product. In short, the programme does not merely prepare you for the labor market—it positions you to **reshape** that market.

We are shaping
the **experts of**
tomorrow.

A/V Production S



Student Support Centre

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The Student Support Centre (SSC) is a department that is always available to help students in all the life stages they go through during their studies. It also ensures cooperation with local associations, organizations and institutions that provide young people with all the necessary support.

It ensures that students receive adequate support in acquiring competencies, developing generic skills, overcoming academic obligations, preparing for future employment, and taking care of the overall psychophysical health of students.

”

I'm incredibly delighted that you are considering Algebra Bernays University as your future educational institution. Our community encourages individual growth, and innovation and provides strong support to every individual student. The Student Support Centre is here to make the transition from high school to university as easy as possible. Our mission is to help you overcome academic challenges, develop soft skills and preserve your psychophysical health. Through personalised services, workshops and programmes, we offer all the necessary resources to help you succeed – both inside and outside of the classroom. We are here to motivate and support you.

Student days are a chance for personal growth and development, acquiring new knowledge and creating friendships that will last a lifetime. Take advantage of everything the university and CPS have to offer and prepare for a successful future. Welcome!

Ivana Hrg Matušin,
Head of the Student Support Centre



The vision

The **vision** is to create an inspiring and inclusive environment that supports every student in realising their full potential. We want to be an invaluable resource on their way to success, providing all students with comprehensive support, motivation and education.

The mission

The **mission** is to provide students with constant support during their studies so they can achieve their academic, social and professional goals with as little challenges as possible. Through personalised services, resources and programmes, we strive to develop their academic skills and emotional intelligence, as well as positively impact personal growth.

SSC

SSC is a department that takes care of our students and ensures the effectiveness and quality of their studying. Our goal is to motivate, empower and encourage students with our active approach, by organising numerous workshops and recommending various associations and professionals.





Career Centre

At Algebra Bernays University, the Career Centre is the central rallying point for students, alumni, the academic community and employers. Through the Career Centre, we offer comprehensive support to students from their first day of studies to the beginning of their professional careers. Our support does not stop there, even after the completion of their studies, we offer activities through the Alumni Club.

The goal of studying is not just to obtain a diploma, but to acquire applicable knowledge and skills. Therefore, the Career Centre has an important role in helping students acquire practical experience through all phases of their career, from learning about career possibilities to applying for an internship or a job.

How does the Career Centre support your growth?

1. Traineeship and connecting with employers: By connecting students with the labour market, the Career Centre ensures the implementation of student traineeships according to the study plan and programme and allows students to gain applicable practical experience in a real work environment. Our guiding idea is that every student at our university must have the opportunity and full institutional support in developing their skills and connecting with potential employers, in order to build their professional network while still studying.

2. Employer visits and learning through experience:

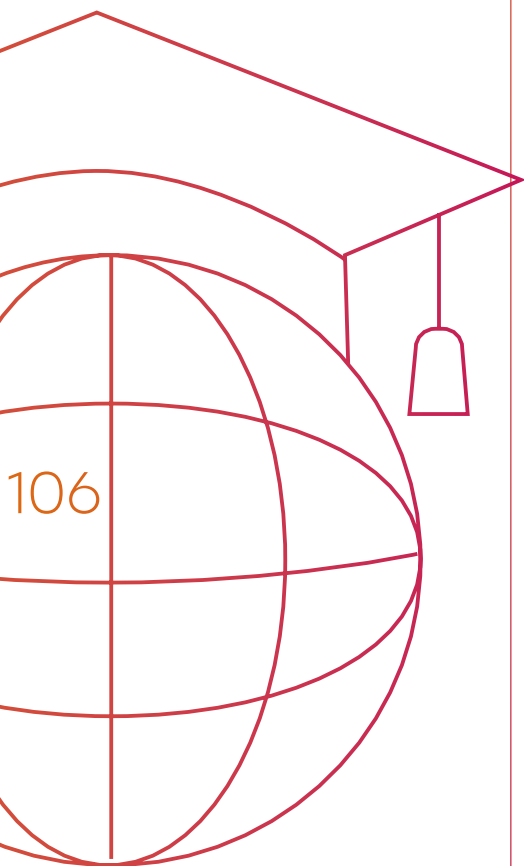
The Career Centre organises employer visits and field trips, allowing students to see first-hand what the work environment and daily business processes are like in different industries. We also organise guest lectures by reputable employers who then hold lectures, share their experiences and give advice on entering the industry. These interactive activities help students gain a deeper insight into professional challenges and opportunities, showing what they can expect in their future careers.

3. Career day and networking:

One of the most important events that The Career Centre organises is Career Day – a yearly event that allows students to actively connect with reputable employers through networking, discussion panels and individual talks. This event provides you with an excellent opportunity to create contacts and open you a pathway to future employment or traineeship.

4. Alumni community activities:

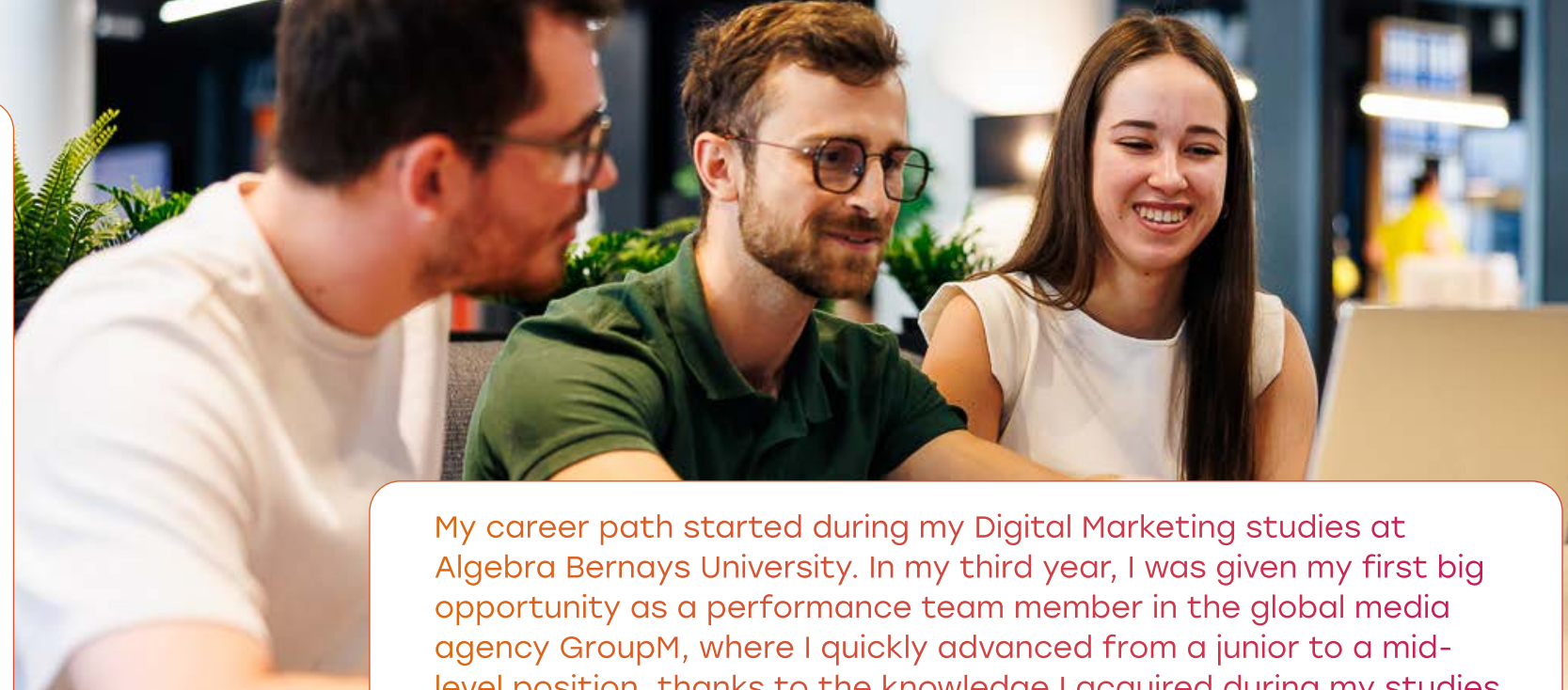
Being a part of the Alumni Club can open many doors and allow you to use numerous benefits in career development. Active Alumni Club members stay engaged in the academic community and help new students in their professional growth through participation in Alumni Club activities, guest lectures, workshops, and focus groups participation, but also through the evaluation of studies as employers.



Studying at Algebra Bernays University was of great importance for my personal growth. Strong software engineering basics aside, working on real projects was invaluable. During my internship, I worked on a communication base station mapping project for a large telecommunication company, which gave me insight into the industry and the opportunity to develop my professional skills early on. Teachers have always been amazing mentors, and my classmates have created a community in which I've made friends and acquired useful knowledge; knowledge that I use to this day, especially in complex problem-solving.

Today, as I work on SEO keyword ranking and processing hundreds of millions of data points, I apply the skills that I learned during my studies every day. My advice to future students would be to take advantage of all the opportunities that the university offers them – from internships to working on projects and connecting with classmates and teachers. Programming is taught by programming, and with passion and excellent teachers, Algebra Bernays is the right place to do so.

Vedran Mandić,
Software Engineer at Wincher



My career path started during my Digital Marketing studies at Algebra Bernays University. In my third year, I was given my first big opportunity as a performance team member in the global media agency GroupM, where I quickly advanced from a junior to a mid-level position, thanks to the knowledge I acquired during my studies. By transferring to Omnicom Media Group, I have further developed my strategy skills, and today I am planning digital campaigns and developing marketing strategies to help my clients strengthen their digital presence.

I am sure that my development would have been slower without the strong foundations that the University has given me. Operative project-based knowledge aside, I was taught how to make an analytical approach to tasks, read data and make decisions to develop future projects. I was taught to put myself into the perspective of the end consumer and develop empathy, something I consider to be crucial in both professional and private life.

Kristina Kelava,
Omnicom Media Group

The Digital Marketing study programme at Algebra University has allowed me to enter the dynamic world of marketing and analysis. For almost 3 years now, I have been working for a global beauty tech company FOREO, where I follow and analyse website data, create reports and implement variables through Google Tag Manager. Recently I have decided to broaden my professional horizons and started my career at AWT International as a sales assistant, where I am further developing my analytical skills.

I have chosen Digital Marketing as it offers wide employment opportunities and combines economics and social sciences, something that I was attracted to. In the future, I would like to become a university assistant and teach Interaction analysis in digital marketing, so I can transfer my knowledge and experiences to younger generations.

Admir Šakanović,
Sales Assistant at AWT International

Your future starts now

Our mission is to provide you with all the tools you need to successfully transition from education to the labour market. The Algebra Bernays University Career Centre is a place that accompanies you every step of your professional journey, helping you recognize your potential, build professional connections, and achieve the career you deserve.

The Alumni Club

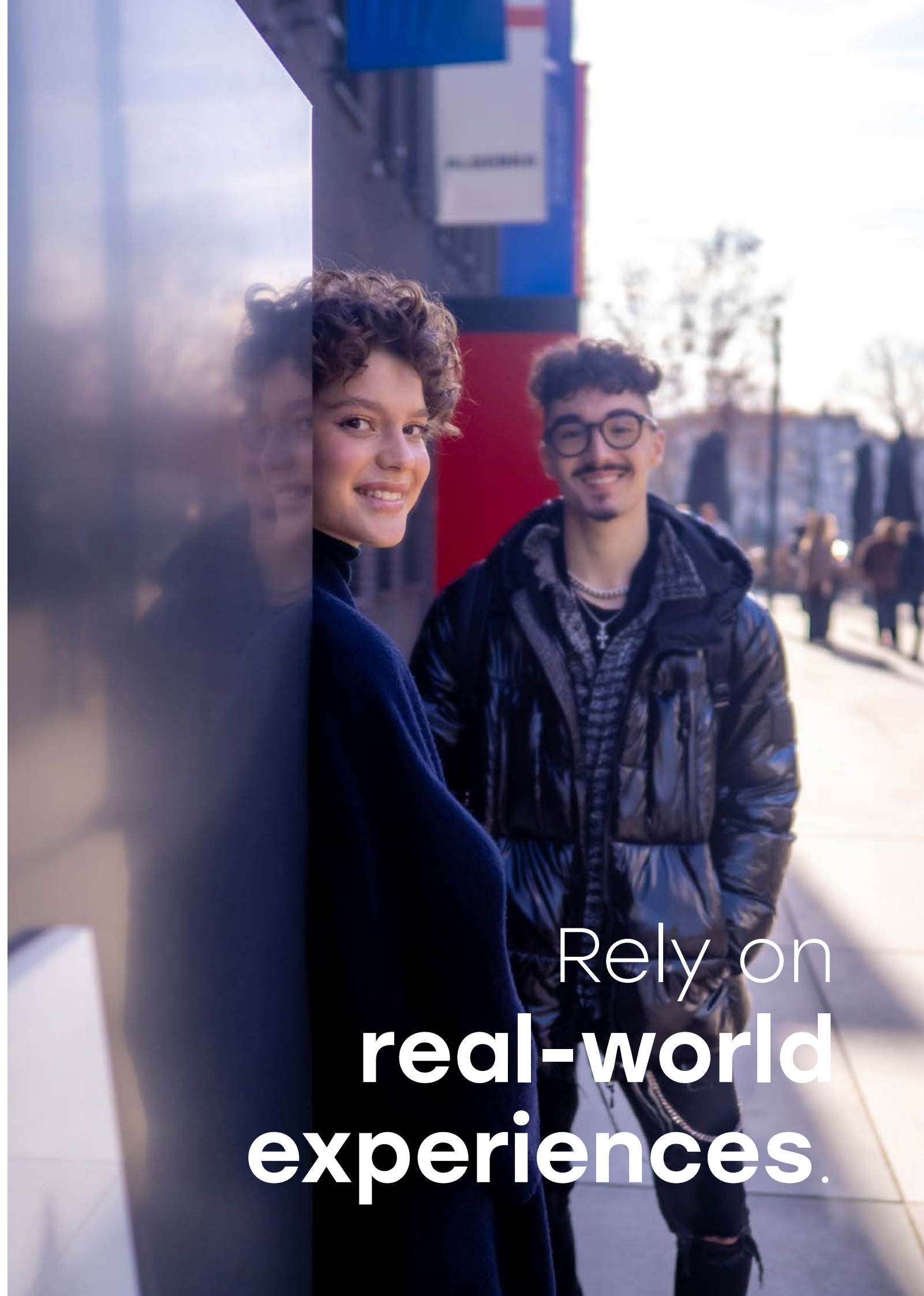
The Career Centre also includes the Alumni Club, which plays a key role in supporting and further developing alumni. The Alumni Club connects alumni with current generations of students, allowing them to exchange experiences and knowledge, and providing numerous opportunities for professional networking. Through cooperation with more than 200 employers, club members have access to unique employment and career advancement opportunities. By participating in events, workshops, and seminars, club members stay informed about the latest industry trends, while discounts on various educational programmes further enrich their experience. The Alumni Club is not just a networking platform, but a community that fosters continuous development and cooperation.

Where to get an internship?

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Rely on
real-world
experiences.



Algebra LAB

Algebra LAB is an interdisciplinary community that combines digital technology and innovation, creating an environment where scientific research is transformed into real business opportunities. As an open innovation laboratory, Algebra LAB brings together key members – from scientists and engineers to entrepreneurs and artists – to jointly develop solutions to the challenges of the digital age.

Innovator and entrepreneur support

Algebra LAB offers space for applied research, entrepreneurial education and mentoring. Our incubator program has created more than 70 start-up projects, providing students with all the necessary tools to develop their ideas into successful business entities. Some of the projects that came out of our incubator include teams like REARM, who created a superior no-code solution for project line automatization, and DAIDREAM, authors of the educational platform for children *Tales of Mello*, which combines the development of storytelling skills with interactive elements, encouraging the creativity of the youngest generations.

Industry and research centre collaboration

Algebra LAB proudly collaborates with numerous domestic and international partners, as well as with public and private sectors. Every year, we organise hundreds of events for our startup community and innovation ecosystem, where we connect innovators with investors and mentors. Our data-science researchers are working on projects such as developing user experience management systems, financial monitoring and advanced analytics architecture.

European Commission and acknowledgements

Thanks to our contribution to digital innovation, the European Commission has recognised Algebra LAB as a part of the Smart Specialisation platform, which further proves our role as one of the main contributors to new technology and business model development.

Innovation at work

Whether you are an entrepreneur, innovator or just a student with an idea, Algebra LAB provides a simple space for your project development, with the support of renowned experts and access to the most modern of technologies. This is where ideas become a reality.



National Award for Most Valuable Contribution to Technological Innovation (2024)



European Digital Innovation Hub (since 2019)



Copernicus Academy Member (since 2023)



Data, AI and Robotics (DAIRO) i-Space Gold center (since 2021)



Strategic Partner (since 2024)



Research and Innovation Partnership (since 2018)



Research and Innovation Partnership (since 2019)



Testing and evaluation center of high-performance computing (HPC) solutions and services (since 2023)



Digital Entrepreneurship Booster Algebra LAB Incubator (since 2016)

Algebra LAB participates in numerous international projects, including:



1. SMART4FUTURE:

Strengthens the capacities of European universities so they can become centres of technologically advanced innovation eco-systems.



2. AI4PPP

Develops new educational programmes on the application of artificial intelligence, with the aim of developing businesses and preserving the environment.



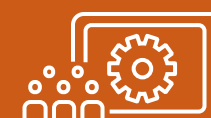
3. AI2MED

Helps professionals in the health industry to use artificial intelligence in their work as reliably and meaningfully as possible.



4. NEW START-UP INCUBATOR

Supports start-up projects by small and medium enterprises through mentoring and collaboration.



5. NUTRIGENOMIKA365

Using genome sequencing, finds advanced data services for developing medical protocols and creation of precise, personalised nutrition scenarios.



6. SMARTenROUTE

Develops a smart logistics data platform.



GO GLOBAL

International Cooperation

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At Algebra Bernays University, we believe that international cooperation opens doors to better educational and career opportunities. By exchanging knowledge and experiences with leading global institutions, we enable our students to participate in European and global initiatives that will enrich their education. International cooperation encourages student, teacher and employee mobility, opening opportunities to study, internships and professional development abroad.

Erasmus+ for mobility without limits

Our university is a holder of the prestigious Erasmus Charter for Higher Education, which allows students, teachers and employees to participate in the European Union Erasmus+ programme. Erasmus+ provides students with an unforgettable studying or internship experience abroad, with financial support. Employees can take part in teaching or vocational training mobilities, which helps them widen their professional competencies at the international level. We have signed agreements with more than 100 European universities, where students can stay and expand their knowledge and skills in an international environment.

For students that want to travel outside the European Union, Algebra Bernays has more than 40 university partners all over the world.

Erasmus+ traineeship

The Erasmus+ programme offers our students a unique opportunity for traineeship mobility abroad. During their traineeship, students can learn practical skills and knowledge in the field of their study, perfect their professional and language skills, and widen their contact network on an international level.

Traineeship mobility enables students to work in an innovative environment, adapt to new cultures and develop key competencies, so they can be competitive in the labour market. Use the opportunity, to explore available options and enrich your professional and personal growth with valuable experience that will lead you to a successful career!

Algebra Buddy Programme – international students' friends

Arriving in a new country can be challenging, but with our Buddy programme, we make sure that our international students feel at home. The goal of the buddy programme is to connect new international students with domestic students who will help them adapt to living and studying in Croatia. Buddies help students explore Zagreb, provide advice on student life and help them make their way around the university. Most importantly, the Buddy Programme students create new friendships for life.



My Buddy has really inspired me, and we have developed a strong friendship that I hope will last a lifetime. She has introduced me to most of her friends, helped me learn the basics of the Croatian language and taught me a lot of facts about the culture. I am very happy that I have her as my Buddy. Without Erasmus and the Buddy Programme, none of this would be possible.

Lyubomir Sirakov,
mobility student from Bulgaria

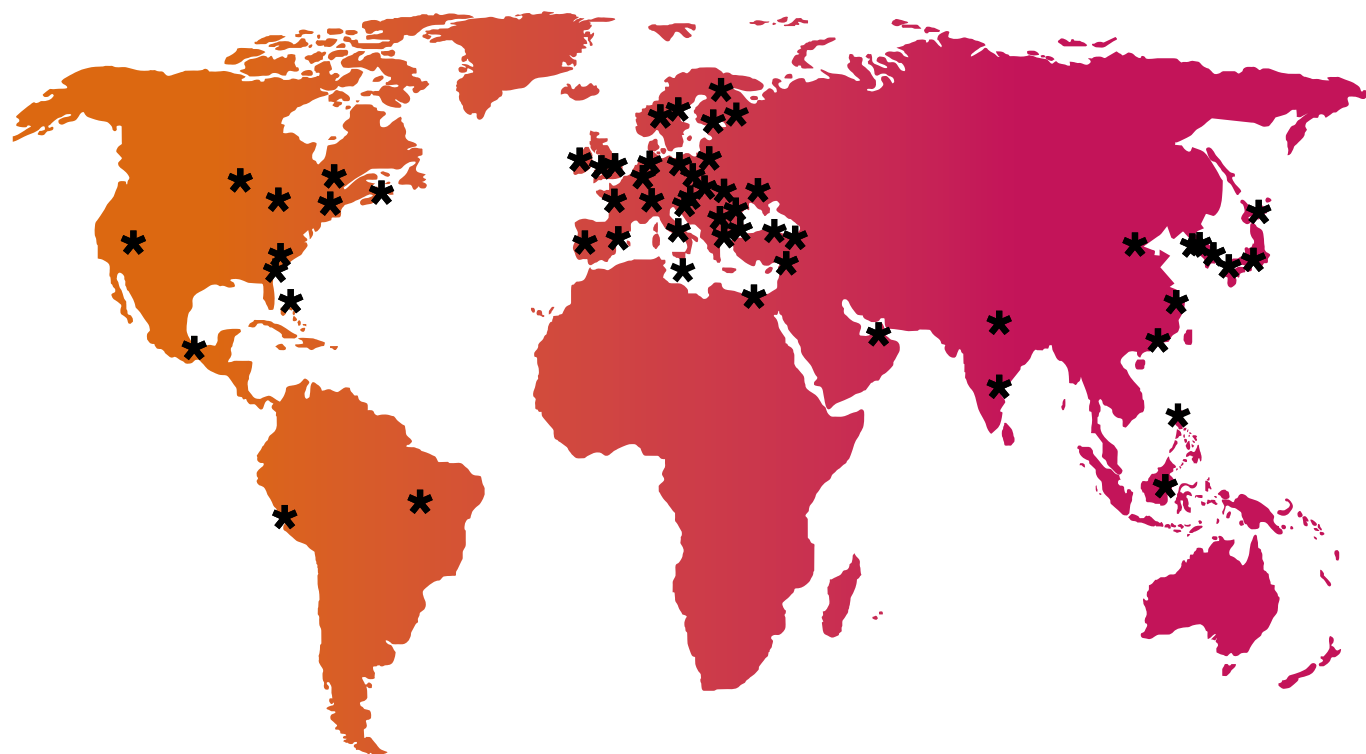
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Blended Intensive Programmes (BIP)

Algebra Bernays University, as a part of the Erasmus+ programme, organises and takes part in **Blended Intensive Programmes (BIPs)**, which provide students, teachers and staff with an opportunity for professional and personal growth.

BIP Programmes are designed for everyone. BIPs are short, intensive programmes that use innovative methods of learning and teaching, including online cooperation. BIP-s enable participants to visit various universities in partner countries all over Europe, earn ECTS credits, explore new countries and cultures, try various teaching and learning methods and have an exciting mobility experience.

Whether you decide to participate in BIPs abroad or join BIP programmes organised by your university, you will have the opportunity to acquire new skills and knowledge, develop your intercultural abilities, and create unforgettable memories!



Erasmus+ Experiences



I have chosen the Erasmus+ programme so I could spend a semester abroad and gain international recognition for my engineering studies. Life in Croatia, especially Zagreb, was a unique experience that has allowed me to explore a new culture, enjoy the local cuisine and make friends from all over the world. It was my first time living on my own, and in a foreign country, which helped me mature as a person and become more independent. Besides discovering the beauty of Zagreb, I had an opportunity to visit other fascinating locations in Croatia, like the magnificent amphitheatre in Pula and Rovinj, a romantic town rich with charm and history. Erasmus+ is not an opportunity you should miss – a perfect way to get out of your comfort zone, personal growth and memories that you will keep for the rest of your life. My advice? Be open to new adventures, try something new and enjoy every moment!

Baptiste Malavergne,

ECE – Engineering School, French mobility student on the Software Engineering master study programme



Going on Erasmus+ made my dream of living and studying in another country come true, and Croatia thrilled me with its culture, people and diversity. Every day I discovered new perspectives, and ways of life and enjoyed all the beauties of Zagreb, from its parks to the rich student atmosphere. This experience helped me become more independent, resilient and open to the world. I would recommend Erasmus to everyone – the opportunity to grow, meet new people and create memories that you will carry with you forever is simply priceless. My advice is to indulge in every moment and make the most of this unique opportunity, especially in a city like Zagreb.

Mariana Silva de Paula,

Inteli – Instituto de Tecnologia e Lideranca, Brazilian mobility student on the Software Engineering master study programme

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As a student, I have always dreamt of studying abroad, and Erasmus+ has given me an opportunity to make that dream come true. I have spent my summer semester in Paris, at EFAP, where, in addition to my academic obligations, I had the opportunity to explore the city of light. Every corner of Paris, from the Seine to the Louvre, had its story to tell, and thanks to everyday walks without navigation apps, I have discovered numerous beautiful places. Paris has taught me to get out of my comfort zone – from navigating a new culture and language to making friends with people from all over the world. That experience has enriched me, made me more independent and adaptable, and opened new life and world perspectives. I will especially cherish memories with my friends – picnics at Champ de Mars, exploring Paris museums and countless talks over coffee and pancakes. Erasmus+ is a privilege that brings invaluable experiences and memories. I would recommend everyone to apply, because friendships, new knowledge and personal growth that Erasmus+ brings is something you will remember for the rest of your life. My advice is to be brave, prepare well and let yourself go to the adventure – because opportunities like this come around once in a lifetime.

Gabrijela Franc,

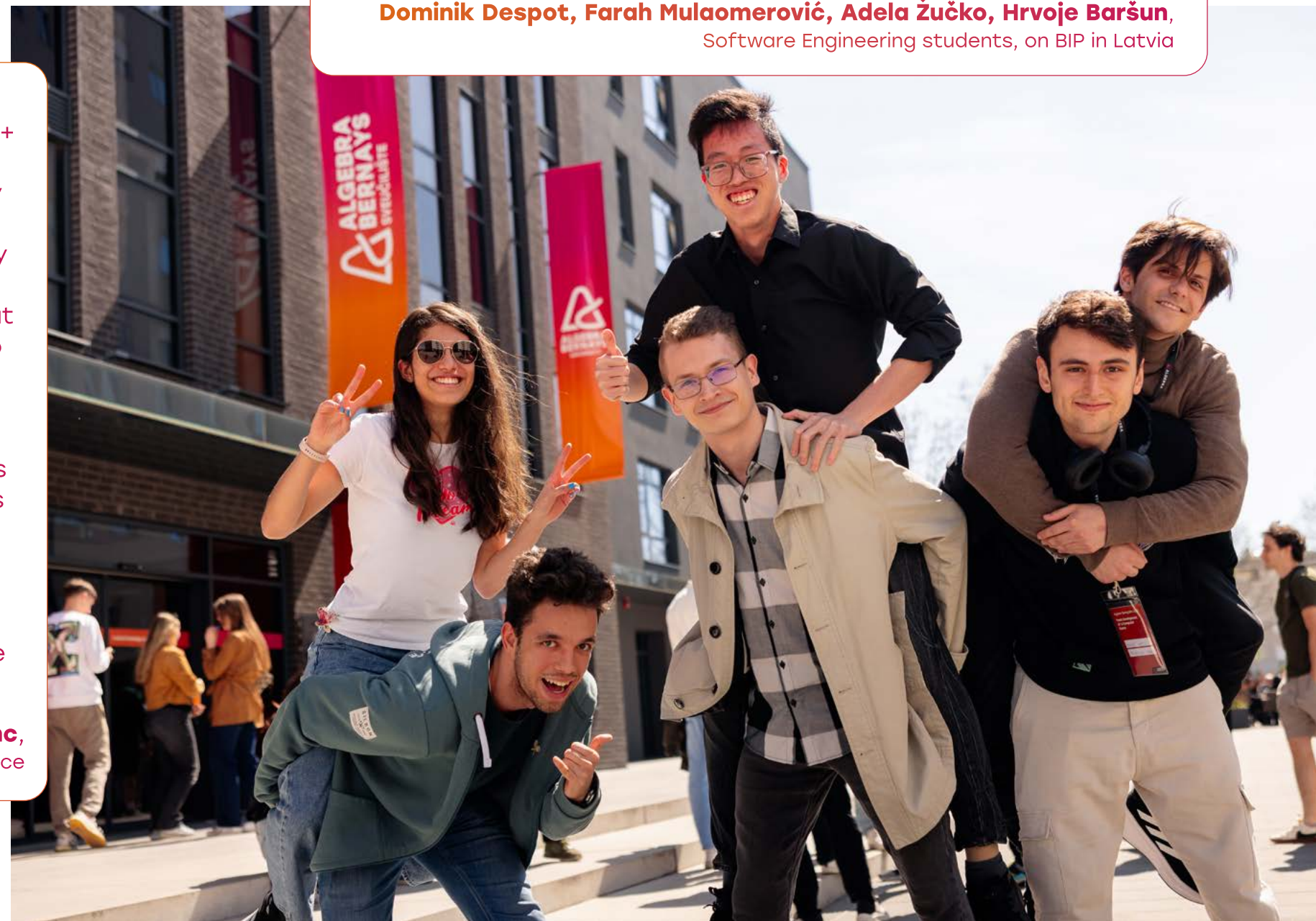
Digital Marketing student, on mobility at EFAP in France

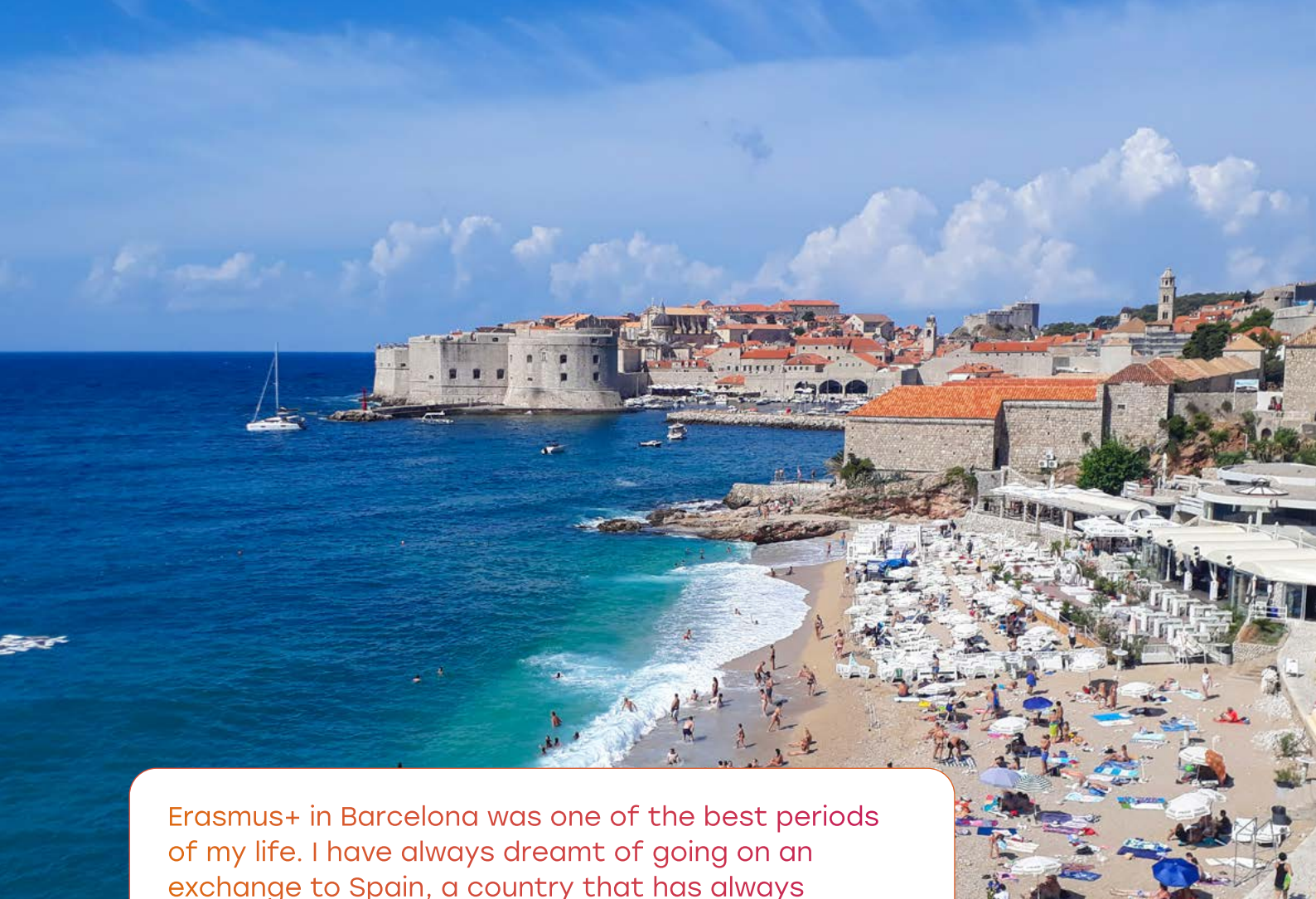
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Our week in Latvia, as part of the Erasmus+ program at the Transport and Telecommunications Institute in Riga, was an incredible experience that we will remember for the rest of our lives. We took part in the intensive “Software Project Management” programme, where we had the opportunity to learn through interactive lectures and practical examples, led by an incredibly inspirational professor, dr. Mohammad Soltani. Academics aside, we were fascinated by Riga. With its simple architecture, from Art Nouveau buildings to wooden houses and massive railroad complexes. We enjoyed exploring the city, we visited landmarks such as the church of St. Peter and the central market, where we got to experience the local cuisine. Despite the cold Baltic climate, the warmth of the locals and our newly made friendly connections made this experience even more special. We recommend Erasmus+ to all students – this is an opportunity for academic growth, meeting new cultures and creating memories for a lifetime.

Dominik Despot, Farah Mulaomerović, Adela Žučko, Hrvoje Baršun,

Software Engineering students, on BIP in Latvia





International Summer School

Learn, explore and enjoy Croatia

Erasmus+ in Barcelona was one of the best periods of my life. I have always dreamt of going on an exchange to Spain, a country that has always fascinated me with its culture, language and beauty. During my summer semester, I stayed at the partner institution Euncet Business School and enjoyed every day walks next to Gaudi's masterworks in the Gràcia district, but also exploring beautiful cities like Barcelona. The most special part of this experience was the new friendships. With my classmate Milica, who was great support, I have met students from Croatia, Serbia and other countries, with whom I have made memories for life. Unforgettable moments, like the spontaneous trip to Madrid, made this experience even more special. Erasmus+ has opened me to new perspectives, taught me to appreciate simple moments and taught me just how important it is to get out of your comfort zone. To everyone who is thinking about joining this programme – be brave and do it! Financial challenges and loneliness are quickly forgotten with everything that Erasmus+ brings – friendships, experiences and memories that are worth all the effort.

Ana Markunović,

Digital Marketing student, on mobility at the Euncet Business School in Spain

Algebra Bernays University has been organizing the Algebra International Summer School, offering students from around the world the opportunity to combine education and adventure in one of the most beautiful parts of Europe since 2017. Over the years, the program has been steadily growing, and today we are proud to host more than 140 students from across Europe, USA, Canada and Asia in our summer modules. Students have an opportunity to participate in innovative modules in fields such as artificial intelligence, cybersecurity, game design, creativity and storytelling in marketing, mobile application development, and data analysis. Not only do students earn 6 ECTS per module, but each module is delivered as a microcredential, providing students with a standalone certificate verifying that they have acquired specialized skills that can help them upskill, reskill, and shape their future careers for international success.

International students also have the option to take an additional module in Croatian Language and Culture, providing an even deeper connection to their summer experience.

In addition to the academic programme, the summer school provides a rich social programme, including visits to partner companies, trips to the Adriatic coast, and tours of unique cultural and historical landmarks.

Croatia, as a top European summer destination, offers students an unforgettable experience through entertainment, learning and networking with peers from across the globe. Upon completing the programme, students receive an official certificate that serves as a valuable addition to their CV, helping them stand out in any future job applications.

Our alumni join a growing global community of summer school students who stay connected long after the program ends.

The Data-Driven Storytelling module has completely changed my perspective on data analysis. Tableau is an incredible tool that has opened many opportunities for my professional development. I now understand how raw data can become crucial in making business decisions.

Student experience

Zagreb and Šibenik
29 June – 24 July 2026





Leading the
way to where
you want to go.

Student Life

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Student Office

Your journey at Algebra Bernays University begins at the Student Office. Located on the ground floor of the university building, the Student Office is here to help you every step of the way. Here you will be able to complete your administrative duties: enrolment, your student

obligations, issuing student status certificates, transcripts and tuition fee monitoring. Besides that, the Student Office has an important advisory role, providing you with support and advice throughout your studies, so you can completely turn your attention to studying and other student commitments.

Students at Algebra Bernays University have numerous career advancement opportunities, but it is important to point out that student life itself has certain benefits that the more ambitious and curious individuals can take advantage of and get the best out of our academic environment. Freshmen can thus get involved with the very active Student Union, which independently organised its first Freshman Party this year, as well as numerous workshops, get-togethers, barbecues and other gatherings. Every student is important to us, we respect their opinions, and accordingly, there are our student representatives who take care of student satisfaction. The recently launched Innovator's Club is intended for interested students who want to learn to think critically and outside the box, and through Digital Talents they develop project management skills within a real small digital marketing agency. Students also have a very active Student Support Centre, available to them in case they encounter difficulties during their studies. We believe that the key to success lies in the efforts of each individual, and on that path, we will be their constant support and encouragement so they can fulfil all their dreams and plans.

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Nataša Trojak, Ph.D.

Vice-Rector for Academic and Student Affairs

Infoeduka – digital student service

In addition to the Student Office, Algebra Bernays offers you access to the digital student service – Infoeduka. Our digital system offers 24-hour access to all student information and services. Through Infoeduka, you can apply for exams, see your class schedule, calendar, exam dates, your grades and paper results, enrol into a semester or a year, and download study materials. Besides that, Infoeduka also provides access to online services, such as forums and webmail.

Infoeduka is a responsive system, compatible with all platforms **and available as a free mobile application on iOS and Android devices**, allowing you simple access to important information, anytime and anywhere. These tools make your student experience more

organised and stress-free, allowing you to completely focus on your studying and skill development.

Student Union

Algebra Bernays University Student Union is the heart of the student community, ensuring that the students are heard and recognised. They represent students in the Senate and other university bodies, advocating for better studying conditions and supporting various student initiatives. In addition to representing interests, the Union builds a dynamic and encouraging community through events, workshops and sports activities, creating a space for creativity, innovation and academic excellence. The Union actively collaborates with local and business communities to ensure support and resources for student projects, therefore making studying a rich experience for every new student.

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Digital Talents

The Digital Talents project has been created in collaboration with the Drap agency and represents an innovative platform that allows digital marketing students to work on real projects with teacher and expert mentorship. Students acquire practical experience and develop business skills, while small and medium sized companies receive digital services that are tailored to their needs.



Algebra Innovator Club (AKI)

AKI brings together computer science students and encourages them to participate in projects and competitions, where they achieve notable successes. Our students have won awards in international and domestic competitions, which allows them to develop innovative solutions and build practical skills. The Lab provides an opportunity to apply knowledge, work on challenging projects, and develop professionally.

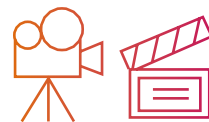


Multimedia Production Student Association KADAR

KADAR collects talented and innovative multimedia production students and provides them with an opportunity to acquire practical experience by working on various projects. Members of the club work on video-production, multimedia festival organisation, scenario creation, documenting events and creating promotional materials.

Through collaboration with mentors and experts, students develop their creative and technical skills in the field of video and audio technology. The club also encourages teamwork through projects, such as online event monitoring and creating multimedia solutions that are adapted to market and brand needs.

KADAR represents a dynamic platform where students can apply knowledge they have acquired during their studies, while simultaneously allowing them to build their professional careers, share their knowledge with the entire generation of multimedia production students as well as improve their career options in the field of multimedia production.



Being a mentor to freshmen was an incredibly inspirational experience that has helped me develop my communication skills and provide students with necessary support. Today, when youth is filled with various possibilities, decisions can sometimes be incredibly hard to make. Through discussions, we have gone over their plans, dilemmas and ambitions, and personally, it was very important to support them and share my experiences. I believe that the younger generations are our future and find it extremely valuable that our university is putting such an emphasis on their development. I feel honoured to be a part of that process. This experience has shown me just how much I enjoy working with students and has motivated me to continue my mentoring work in the future.

Lucia Mundjer,
student-mentor

Esports Section

Our Esports Section proudly wears the title of Student Esports Tournament (SET) winner, with Student Esports Tournament being one of the most recognized esports competitions in Croatia. Our students were brilliant in games such as PUBG and Rainbow Six Siege, thanks to which they secured first place in the S league. This victory highlights skills like teamwork, strategic thinking and communication, the same skills that are encouraged at the university and that inspire students to compete and develop careers in the gaming industry.

Student Sport Association – Algebra Bernays Sport

The Student Sports Association was founded to promote, develop and advance student sports activities and sports competitions at our university, and they proudly represent our university at the Croatian Academic Sports Association (HASS). The members of the association are our students, both amateurs and professionals, who actively participate all year long in various student competitions organised by the Croatian Academic Sports Association, within the framework of regional and national UniSport competitions. We are proud to point out that our men's futsal team finished second at the 2023 European championship, and our female volleyball team has won multiple regional championships.

Students for Students: unique mentoring programme

Algebra Bernays University offers support to all our freshmen students through the Student/Mentor Programme. The goal of the programme is to connect freshmen with successful higher-year students, who can provide them with support, counselling and leadership throughout the academic process. Students/mentors help freshmen adapt to university life, answer their study-related questions, as well as help them manage their time and everyday obligations. The mentors share their experiences and provide freshmen with advice on how to deal with stress, study-life challenges and how to balance their academic and personal lives. Students/mentors also help with materials and specific assignments and guide them towards useful information sources. With their knowledge and experience, they help their younger colleagues with recommendations on the best strategies for studying, preparing for exams and finishing their projects. In the winter semester, the programme is taught through the **Career: Studying module**, and in the summer semester **“Students for Students”** workshops take place, where students from one study programme work with students from other programmes. The main goal is to create a strong community.

Mentoring has shown me just how important patience and understanding that it is okay to admit that I don't know something are – there is always someone that has the answer. I would like to express my special gratitude to Professor Ana, whose support and advice have significantly enriched my personal and professional development. I was available to students via WhatsApp groups, private messages, and Teams meetings, making it easier for them to navigate their university lives. The experience I gained when I was in their shoes has inspired me to provide help and understanding to those in need. The most valuable moments while mentoring was when I saw that my guidelines and support helped students – whether through their questions, funny situations or challenges. Mentoring has allowed me to grow alongside them and the lessons that I have learned will surely be of use in my future academic and personal life.

Kiara Sabati,
student-mentor

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The mentoring experience has improved my communication and organisation skills. I have learned to listen better, recognise the needs of others and how to clearly get my point across. The responsibility that the freshmen placed on me has motivated me to be more thorough in every conversation. I was always here to answer their questions – whether they were related to modules, administrative procedures, or just navigating the university. I shared helpful notes and materials as well as reminded them that there was no shame in asking for help. The most rewarding thing for me was seeing my advice help someone, especially when they texted me saying they had passed their exams. I have met all sorts of people, and their unique perspectives have additionally contributed to my personal growth.

Martina Jančić,
student-mentor



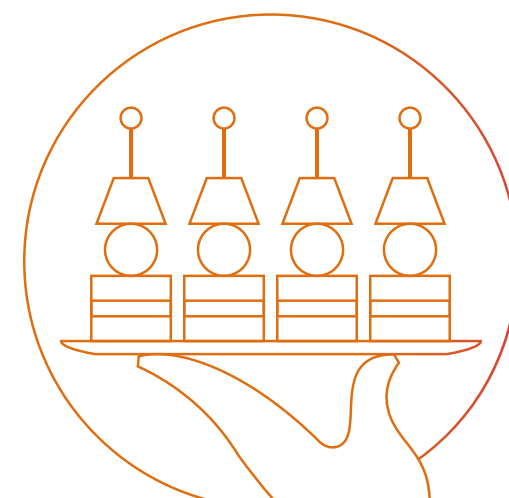
International study trips

International study trips give you an opportunity to broaden your horizons and acquire unforgettable experiences by combining knowledge, inspiration and discovering new cultures. During study trips, our students visit global technological giants, universities and innovative companies all over the world.

Discover tech icons and top universities in towns like Tokyo, Nagoya, Kyoto and Toyota City in Japan, Boston and New York in the USA, Dublin in Ireland, and Munich in Germany. Visit global leaders such as Google, Amazon, MIT, Trinity College, BMW and IBM to acquire new first-hand experience and skills. International study trips include visits to top universities, research centres and companies such as Pixar, Apple, Facebook, and Panasonic, as well as participation in international events like CES in Las Vegas. Return from these trips enriched with experiences and knowledge that will open new opportunities and perspectives.

Chill Cantina

Chill Cantina is a favourite hangout spot for students looking for a tasty break from their busy schedules. With a weekly menu that offers a variety of flavours, from fresh salads to pasta, the Chill Cantina offers something for all tastes. Working hours are Monday through Friday, from 11:00 to 16:30. Students get a 20% discount, so they can enjoy affordable meals. Chill Cantina is not just a food place – it is a space to relax and enjoy a chill atmosphere that will complement your day.



Events organized for students 2022 – 2025

Design student
exhibition on
Earth Day

DORS/CLUC
open system
Conference

From Games to
Career Conference

Linux Foundation
Hackathon

MIT Bootcamp

MIT Innovation
Leadership Day
Conference

Cybersecurity
month: Law and
Order in the Digital
Space

Algebra E-Sports
tournament

Algebra LAB
startup incubator

Blender: Film
& Games
Conference

Freshmen party

Canon
Workshop

CASSINI
Hackathon

Debug

Career day

Guest lectures by
industry experts

Multimedia night

Pete Radovich
at Algebra: The
power of story



Global Game Jam

Hacking Night
Algebra

International Week
and International
Friday



Screening of works
by multimedia
production
students

The Oscars week
and Dušan Vukotić
at Algebra

Underline
Conference by
marketing experts

Welcome Day for
freshmen

Student Achievements Through the Years

Celebrating a Decade of Student Victories (2015–2025)

Advent of Code

Cisco NetRiders

LUMEN Business

Dis Expo in the United Arab Emirates

EuroSkills Budapest Gdansk – international skill competition

Google Online Marketing Challenge

The “Mlada nada” student award by HUOJ

Idea Knockout

Innoverse in the USA

Inova youth – Croatian innovation fair



Ivanić-Grad I3G innovation exhibition

Student E-sports tournament

The International Creative Design Challenge

Wiipa Kide in Taiwan

Wings for Life World Run

EuroSkills Herning 2025. – international skills competition

WorldSkills Abu Dhabi, Russia – world knowledge and skills Olympics

Zagreb Design Week

L'Oréal Brandstorm

Sports

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Algebra Bernays FIT – Promoting fitness and healthy lifestyle

We are aware of the importance of fitness on maintaining health and increasing the quality of life of our students. Regular physical activity has a positive impact on our overall psychophysical state, it boosts concentration and raises self-esteem. For those reasons we provide our students with various active and healthy lifestyle opportunities through various programs, activities and cooperations with our partners.



What do we offer in the Algebra Bernays FIT program?

- **Organized sports activities:** Students can join sports activities and take part in competitions organized by the Zagreb University Sports Association as well as other domestic and international sports events.
- **Free entry to swimming pools:** Students are provided with free entrance to three swimming pools in Zagreb – Mladost, Utrine and Svetice – where they can enjoy swimming and recreation.
- **Special benefits with our partners:** In cooperation with selected partners, our students receive discounts on exercise services, sports equipment, diagnostics and rehabilitation.
- **Additional activities:** We organize walking and hiking tours, participation in city and trail races, as well as FIT challenges such as Walking Week and various social events such as bowling tournaments.



Competitive sports programmes and international competitions

Algebra Bernays University is a place of study that has been recognized by numerous athletes, to whom we have provided our support in balancing their sports and academic obligations. Our students have the opportunity to participate in sports activities and compete in student tournaments throughout the academic year.

The goal of the competitive sports program is to enable all students to engage in recreational or competitive sports during their studies, providing a quality alternative to professionalism that does not exclude achieving top sports results within the framework of official city, national and international student competitions.

The participation of our students in sports activities is organized through the Student Sports Association, which includes representing our university in various university competitions organized by the Croatian Academic Sports Association (HASS), which is a member of the World University Sports Federation (FISU) and the European University Sports Association (EUSA).

We are members of two major federations:

- Croatian Academic Sports Association (HASS)
- Zagreb University Sports Association (ZSSS)

All our competitive sports teams are made up of professional athletes who build their careers in respectable domestic and foreign sports clubs as well as sports amateurs who share their enthusiasm towards sports and competitions. Regardless of their sports status all our students have an equal opportunity to wear the University Algebra Bernays jersey as long as they meet one condition: they regularly fulfil their academic obligations!

We organize regular practices and competition preparations for our student athletes, with the expert guidance of professional coaches and kinesiologists. Algebra Bernays also supports participation in international university competitions such as Elektrijski and Tehnologijada, where students have the opportunity to compete, connect with peers from other countries and make valuable connections.

Sports games and field trips

In addition to regular sports activities, we also organize sports games, ski trips and other recreational activities with the aim of improving health and quality of life of our students. Algebra Bernays FIT is not only an opportunity for sports, but also for personal growth, new friendships and unforgettable experiences.



How to apply as an international student?

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Entry Requirements

The right to enrol into the Undergraduate University Programme have:

Applicants who have completed their secondary education outside Croatia have the right to enrol under the condition they successfully complete the application process, and they receive a positive decision from the Agency for Science and Higher Education after undergoing the Academic Recognition Procedure.

All international students who have not completed their high school education in Croatia need to undergo the **Academic Recognition Procedure** to verify they're eligible for university studies. The procedure of recognition of foreign high school qualifications is run by the **Agency for Science and Higher Education, Central Applications Office** (a Croatian government appointed body).

The right to enrol into the two-year Professional Graduate Study Programmes have:

Applicants who have completed the adequate professional or university bachelor study programme outside Croatia and acquired 180 or more ECTS credits,

Applicants who have a previously completed study programme of the appropriate level outside Croatia, but not in the appropriate field, with a mandatory preparatory programme that is considered appropriate for enrolment in master studies and/or fulfilment of necessary differential obligations during studies.





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Additional requirements for certain study programmes:

Applicants will meet the English language requirement by passing one of the accepted standardized tests with a sufficient score. In the case the applicant does not have an English language certificate or did not achieve a sufficient score, and who wants to enrol in a study programme after which only a diploma from Algebra Bernays University is obtained, language proficiency can be assessed and confirmed during an interview. Valid for both bachelor and master programmes.

Students will meet the English language requirement by passing the following standardized tests for a bachelor study programme held in English and after which students obtain the additional Goldsmiths, University of London diploma (applicable to all non-native English speakers):

- IELTS Academic: minimum band score 6.0 (no element lower than 5.5)
- completion of another comparable standardized English language test: <https://www.algebra.hr/sveuciliste/en/admissions/english-language-requirements/bachelor/>

All applicants enrolling into art study programmes, regardless of their enrolment process, must take an online entrance exam.

A computer or other device (e.g. tablet) with an installed operating system and a web browser, with the necessary software patches installed (e.g. Java) which must be connected

to the Internet at a speed of at least 1Mbps (a permanent connection to the Internet is not necessary, it is possible to connect using mobile or fixed networks and wireless).

Applicants enrolling into art study programmes and after which students acquire the additional Goldsmiths, University of London diploma, need to also submit an arts portfolio.

Transferring from other professional or university study programmes is carried out in accordance with the Act on Higher Education and Scientific Activity, Book of Regulations on Academic Recognition of Algebra Bernays University, and with the recognition of earned ECTS credits.

Application process

How to apply and enrol in a bachelor study programme

The application process starts with an online application through the Algebra Bernays University website. Once the application form has been submitted and documents sent, the Admissions Advisor will guide students toward the next steps: payment of the application fee before continuing the application process which includes a motivational interview, obtaining an OIB number for the student, Academic Recognition Procedure. Students who successfully pass the application process will be offered a place. After accepting and making the payment of the first year's tuition fee, students will be guided on how to apply for a visa and a temporary residence permit and how to prepare for their arrival to Croatia.

How to apply and enrol in a master study programme

The application process starts with an online application through the Algebra Bernays University website. Once the application has been submitted and documents sent, the Admissions Advisor will guide students toward the next steps: payment of the application fee before continuing the application process which includes a motivational interview as well as an interview with the Head of the Study Programme who will confirm the student's eligibility for enrolment and assess the need for potential preparatory programmes. Depending on the type of previously completed study, the applicant may be given the mandatory content of the preparatory programme, as defined in

the Call for Admissions. The university will also obtain an OIB number for the student and carry out the Academic Recognition Procedure of the applicant's prior education. Students who successfully pass the application process will be offered a place. After accepting and making the payment of the first year's tuition fee, the students will receive important information about the commencement of the study programme and online resources which will be used.



Detailed guidelines can be found QR code at

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**EXCEL AT WHAT YOU
LOVE DOING.
LIGHT THE SPARK.**

www.algebra.university