"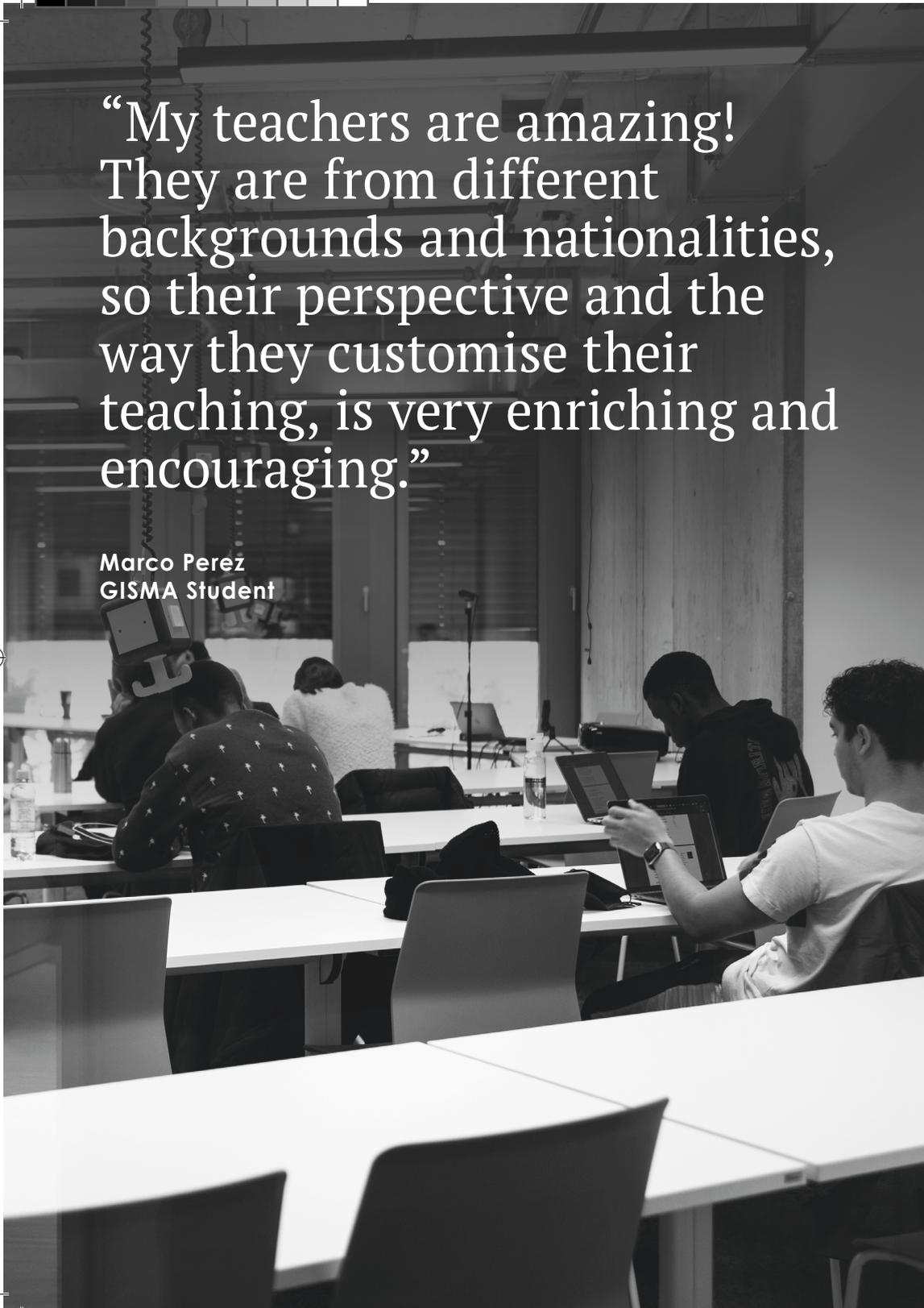My teachers are amazing! They are from different backgrounds and nationalities, so their perspective and the way they customise their teaching, is very enriching and encouraging."
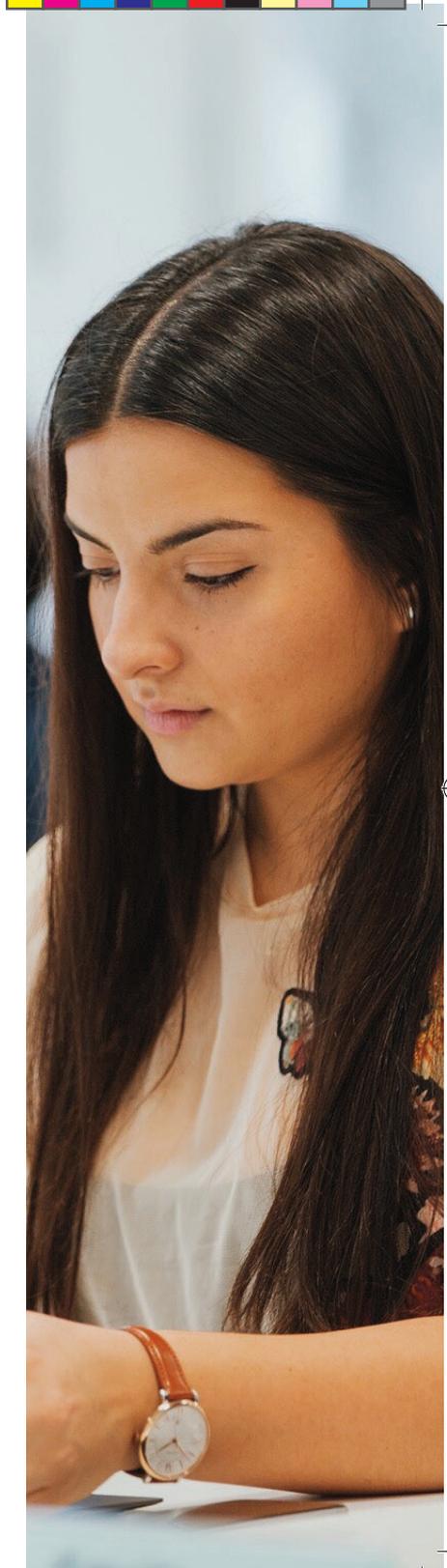
Marco Perez
GISMA Student

GISMA
BUSINESS SCHOOL

BSc
Computer Science

Lay the foundations for a career with 4.6bn potential customers

Get in touch

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gisma.com

Our full-time bachelor's degree programme in Computer Science will provide you with the necessary knowledge to understand and build computer-based systems, for the next generation of technological development. The contents range from basic computer concepts and algorithmic thinking, systems design, problem-solving, artificial intelligence, and simulation to computer and data security.

The programme provides knowledge and skills to pursue a professional career in a wide variety of computer science fields.

As a graduate of BSc Computer Science you won't just be in demand from IT and tech companies, but also to many employers in complementary fields: manufacturing, finance, consulting, public service, or creative industries.

Why study at GISMA?
GISMA Business School is a state recognised University of Applied Sciences which also benefits from AMBA accreditation which was awarded for our Global MBA, an honour shared by only 6 business schools in Germany and 2% of all business schools worldwide. The prestigious AMBA accreditation represents innovation and excellence in education, which is core to our values at GISMA.

What you will learn?
Our BSc Computer Science degree programme is a dynamic and diverse programme that covers many key areas of this expansive field, from artificial intelligence and machine learning to advanced programming and app development, that you will need to graduate with the knowledge, skills, and

practical experience to launch your career in the field.

How will you study?
GISMA Business School supports flexible and individual learning by applying a systematic hybrid learning scheme.

You will spend part of your lectures in class at our Potsdam campus. These face-to-face phases are complemented by e-learning sessions. You will work on cases, reflect on readings, take part in online discussions, and participate in group exercises and projects. This variety of learning methods is part of our unique teaching strategy, which includes student-centred pedagogy, project-based learning, collaborative learning, and personalised coaching.

Career progression
Computer technologies are integral to modern day life and are essential to nearly any modern business. Graduates are likely to be in high demand across many industries, including IT, software engineering, information technology, web design, and more.

After studying a degree in computer science, potential graduate opportunities include:

- App/games developer
- Web developer
- Information systems manager
- IT consultant
- Multimedia programmer
- Network engineer
- Software developer

Our dedicated Career Centre will help students fulfil their career goals through a variety of specialised services and establishes long-lasting relationships with alumni and employers.

Course modules

Subject Specific Competencies
- Introduction to Programming
- Data Structures & Algorithms
- Databases & Big Data
- Computer Science Lab
- Advanced Programming
- Software Engineering
- App & Web Development
- Computer Networks
- Artificial Intelligence & Machine Learning
- Applied Statistical Modelling
- Operating Systems
- Cyber Security

General Business Competencies
- Digital Transformation and Cases
- Sustainability Management
- Project Management
- Innovation Management in a Digital and Globalised World

Action and Intercultural Competencies
- Creative Problem Solving and Strategy Development
- Foreign Language
- Study Abroad or Career Development Semester*
- Internship

Scientific and Methods Competencies
- Mathematical Foundations
- Statistics
- Academic Writing and Research Methods
- Bachelor Thesis

Career Development Semester
- End-to-End Computer Science Project
- Data Driven Business Models
- Business Start-up Simulation
- AI Applications for Digital Business

Campus: GISMA Potsdam campus
Study mode: Full-time
Start date: January, April, July and October
Duration: 36 months

Qualifications
- A school leaving certificate that enables the student to apply for a bachelor programme in the country it was issued in
- English proficiency: IELTS (or equivalent) 5.5 overall, no less than 5.0 in any component

Application documents
- Completed application form
- Personal statement
- Passport copy / ID (can be identity card for EU students)
- Proof of school leaving certificate (certified copy; foreign language certificates must be accompanied by a German or English translation)
- Proof of required English language skills

Pricing

	Tuition Fees 3 Year Programme	Early Bird Discount Offer*
EU & Germany	€ 9,600 / year	25%
International	€ 10,500 / year	25%

Regional discounts are available for CIS, MENA and LATAM regions. Please get in touch for more information.

*Early bird offer for applications submitted at least 8 weeks before orientation date.