

BSc

(Hons)

Artificial Intelligence and Data Science



Graduate from the UK.

Study in GRANADA, Spain.

Launch your global career.

eig
EDUCATION

In partnership with



UNIVERSITY OF
DERBY



BSc (Hons)

Artificial Intelligence and Data Science

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▣ Decode data.
Design
intelligence.
Shape the
future.

BSc

(Hons)

Artificial Intelligence and Data Science

This BSc(Hons) Artificial Intelligence and Data Science degree is designed to provide you with the analytical, mathematical and technical skills needed to succeed in one of the world's fastestgrowing industries. As Artificial Intelligence and Data Science continue to transform sectors ranging from healthcare and finance to manufacturing and transport, this programme prepares you to develop innovative, data-driven solutions for the challenges of today and tomorrow.

We've designed the course to combine strong mathematical foundations with practical computing experience, enabling you to

understand how intelligent systems are built, trained and applied to solve real-world problems.

We've also embedded industry collaboration, research and professional development throughout the curriculum. You'll apply your knowledge through live projects, case studies and practical challenges, while exploring areas such as ethics, sustainability and responsible AI.

Supported by modern facilities, research-active academics and strong employer connections, you'll graduate as a confident, adaptable and highly employable professional.

EIG Education + University of Derby

LANGUAGE// 100% English

Apply now for September 2027





WHY WHAT WHO

Designed with Experts
Made for You

Programme Snapshot

Year 1 /

CORE MODULES

- Logic and Discrete Mathematics
- Introduction to Probability and Statistics
- Calculus
- Programming
- Introduction to Data Science and Modelling
- Professional Work Skills

Year 2 /

CORE MODULES

- Legal, Ethical and Sustainability Issues
- Team Project
- Linear Algebra
- Statistical Methods for Data Analysis
- Introduction to Machine Learning

OPTIONAL MODULES

- Operational Research
- Functional Programming

Year 3 /

CORE MODULES

- Statistical Modelling
- Frontiers in Artificial Intelligence and Data Science
- Deep Learning
- Individual Project

OPTIONAL MODULES

- Advanced analytics
- Optimisation techniques

☞ Experience
the world of AI
and Data
analysis from
the classroom
to the industry

Why choose this degree?

- 1/

Looking to build a career in one of the world's fastest-growing industries? Become a graduate sought after by employers, with excellent career prospects, attractive salaries and strong progression opportunities.
- 2/

Take advantage of our strong industry connections through employer-led projects, work placements and real-world learning experiences.ensuring guest satisfaction, and creating memorable experiences that meet professional standards.
- 3/

Learn in a modern, flexible and inspiring environment, supported by specialist facilities designed to help you develop the practical and technical skills needed for a successful career in AI and Data Science.
- "Code it. Train it. Transform Tomorrow"

What you will study?

You'll develop a strong foundation in Artificial Intelligence, Data Science and Computing, combining mathematical theory with practical technical skills. You'll learn how to analyse complex data, develop intelligent systems and apply AI techniques to solve real-world challenges across a wide range of industries.

You'll study core topics such as programming, data science, statistical analysis, machine learning, deep learning and artificial intelligence, while building essential mathematical knowledge in calculus, linear algebra, probability and statistical modelling.

The course also explores the wider impact of technology through legal, ethical and sustainability issues in computing, with team projects, live industry case studies and research-led learning. Alongside your technical expertise, you'll strengthen transferable skills such as critical thinking, programming, research, data visualisation, project management and effective communication, graduating with the confidence to build innovative AI solutions.

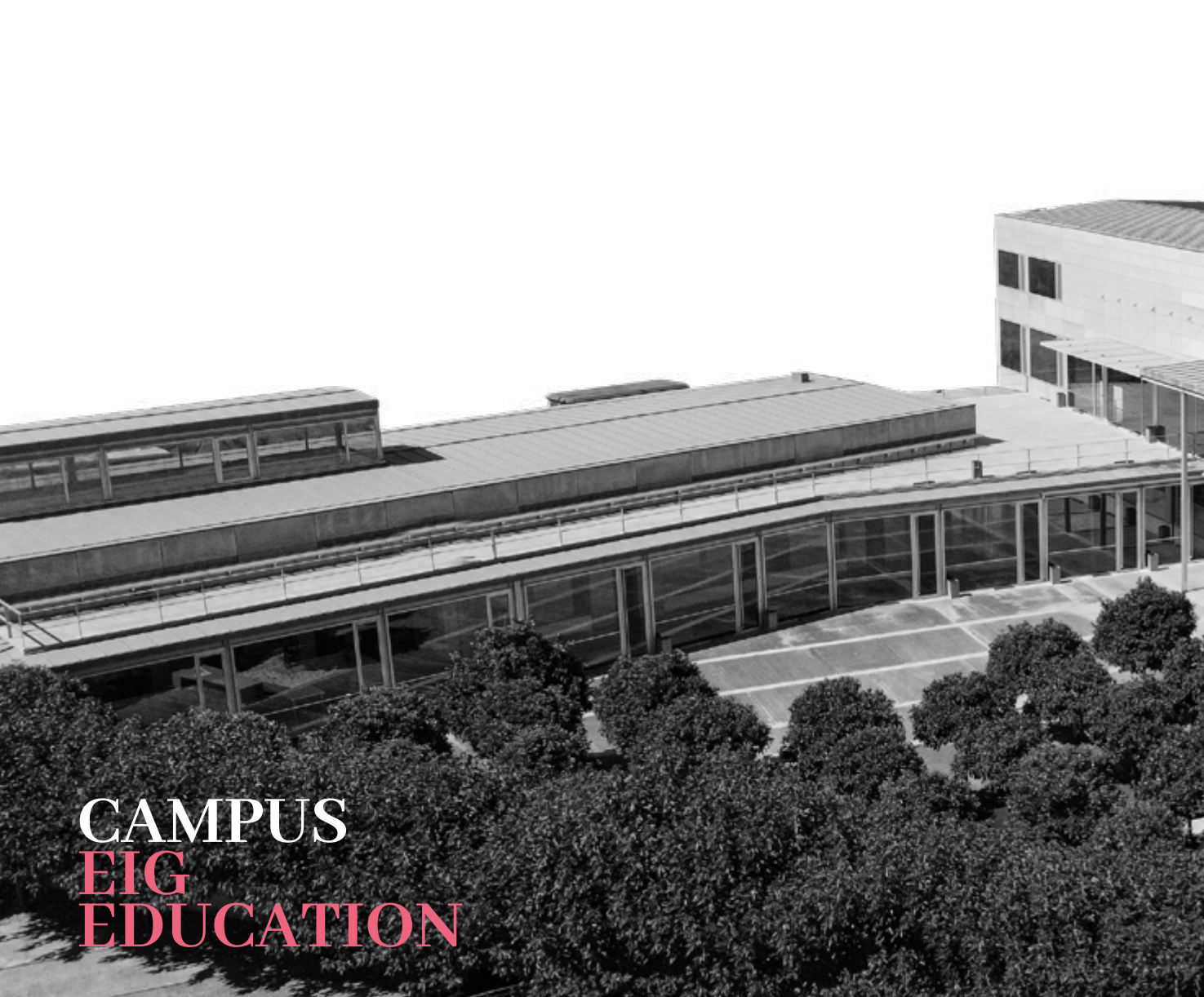
Who is the degree for?

This degree is designed for students who are interested in technology, mathematics and datadriven innovation. It is ideal for those who enjoy analysing complex problems, developing intelligent solutions and using Artificial Intelligence and Data Science to make an impact across industries such as healthcare,

finance, manufacturing, logistics and technology. It is also suited to students who want to build highly sought-after technical and analytical skills for a rapidly evolving global job market.

What's in it for me?

INTERNATIONAL EXPERIENCE	CAREER BOOST	REAL-WORLD SKILLS	INTERNATIONAL RECOGNITION
Study in English in Granada with classmates from 15+ countries.	Learn from industry experts and boost your CV with CISI accreditation.	Practice with real data, simulations, consulting challenges.	Graduate with an UK degree from the University of Derby while enjoying EIG's vibrant campus life and high-quality learning experience.



CAMPUS EIG EDUCATION

The EIG Education Campus in Granada

The EIG Education campus in Granada is far more than an academic venue; it is a dynamic center of innovation, intercultural exchange, and personal development, carefully designed to offer an exceptional and transformative learning experience.

Home to students from a wide range of nationalities, the campus fosters diversity, international networking, and lifelong connections. Beyond formal education, it is a vibrant environment where conferences,

workshops, and extracurricular activities enrich academic training while cultivating leadership, creativity, and collaboration.

Its facilities combine modernity, functionality, and comfort, creating an inspiring atmosphere that enhances both study and interaction. Classrooms are equipped with state-of-the-art technology—projectors, interactive whiteboards, and high-speed internet—ensuring dynamic presentations, interactive workshops, and collaborative learning.

The campus also offers versatile spaces, such as the library with dedicated study and research areas, and the Forum, an adaptable venue for group projects, debates, coworking,

and professional presentations. Outdoor green areas and leisure zones invite students to relax, socialize, and enjoy Granada's exceptional climate in between academic sessions.

Strategically located, the EIG Education campus is easily accessible from all parts of the city. Bus line 9, with a dedicated stop named "EIG Education" directly in front of the building, ensures convenient transportation. Surrounded by cafés and dining services, the campus provides an ideal setting where academic excellence and quality of life go hand in hand.





Our Purpose

To unlock talent and creativity,
empowering people to make a
difference in the world.

Culture. Heritage. Living experience.

THE CITY

**Come to the city that
breathes history.**

Granada is an exceptional destination for an enriching academic and personal journey, thanks to its cultural richness, vibrant academic environment, and outstanding quality of life.

A city steeped in history and heritage, Granada is home to the Alhambra—one of Spain’s most iconic monuments—as well as historic neighborhoods such as the Albaicín and Sacromonte, which provide an inspiring backdrop for learning and discovery.

Granada embraces cultural diversity, shaped by the coexistence of Arab, Jewish, and Christian influences. This multicultural spirit fosters openness, reflection, and appreciation for diversity. The blend of traditions and lifestyles offers students the opportunity to develop a global mindset and valuable intercultural skills that go far beyond the classroom.



EXPLORE DISCOVER LIVE!



Community, Culture, People.

Granada is internationally recognized for its vibrant academic environment, attracting students from around the world and creating an inclusive, dynamic community. The city offers a rich variety of cultural events, festivals, and leisure activities, providing excellent opportunities for building global networks.

Compared to other European cities, Granada is affordable, with reasonable costs for accommodation, transportation, and dining—perfect for extended stays. A local tradition of serving free tapas with drinks allows students to enjoy authentic cuisine at minimal cost.

The city is easy to explore on foot or by public transport, ensuring convenient access to cultural and recreational resources. Granada is also known for being safe, welcoming, and student-friendly.

ACADEMIC
ENVIRONMENT



LEISURE



GASTRONOMY



TRADITION



Granada's natural surroundings offer the perfect balance between mountains and the sea. Its proximity to Sierra Nevada makes it ideal for skiing, snowboarding, and other winter sports, while the nearby beaches provide a perfect escape to relax and unwind. With mild winters and warm summers, Granada enjoys a pleasant climate that is perfect for both outdoor and indoor activities year-round.

This unique environment nurtures study, innovation, and critical thinking within a vibrant, intercultural setting, making Granada an inspiring place to live, learn, and grow.

Welcome to

Bsc

(Hons)

**Artificial
Intelligence and
Data Science**



Career Outcomes

Data Scientist and Analyst ✓	Data Engineer and Architect ✓
Machine Learning Engineer ✓	Operations Research Analyst ✓
Business Intelligence Engineer ✓	Production Planner ✓



Learning experience

1/

Build

a strong foundation in programming, mathematics, Artificial Intelligence and Data Science through practical, hands-on learning.

2/

Apply

your knowledge to live projects, real-world case studies and team challenges inspired by current industry problems.

3/

Develop

Machine Learning and Deep Learning models using industry-standard tools while analysing complex datasets to generate meaningful insights.

4/

Connect

with research-active academics, employer partners and guest speakers, with opportunities for internships and placement experience.

How to Apply

1/

Apply online

derbyspain.com/apply

2/

Select your Bachelor

Click on your option

3/

Upload

transcripts, ID, and English language proof

4/

Contact

If you'd like support with your application, you can contact admissions@derbyspain.com
☎ +34 663 963 160

#YouInspireUs

We empower YOU



Discover Derby Spain



Drone view



In partnership with



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