Studying in Verona: International Master’s Programmes

Verona, 25 March 2021 – 3:00 PM CET

https://www.univr.it/en/international
Programme

- Welcome and introduction
- Opening of the webinar:
  - Prof. Felice Gambin, Vice-Rector for Internationalisation (*in Spanish language*)
  - Prof. Marco Torsello, Vice-Rector for University scholarships and grants, student orientation, student services and international student mobility
- 2021 Call for applications
- The International Master’s Programmes of the University of Verona
- Double Degree Programmes
- Students talk
- Q&A session
Some tips before we start...

Attendees can use the **Q&A feature** to ask questions to panelists during the session.

If you are a student, please specify in your question if you are:
- A EU degree-seeking student
- A non-EU degree-seeking student
- An exchange student (Erasmus+ & other mobility programmes)
Felice Gambin

Vice-Rector for Internationalisation
Marco Torsello

Vice-Rector for University scholarships and grants, student orientation, student services and international student mobility
2021 International Master’s Degree Programmes Calls for Applications

https://www.univr.it/en/job-vacancies/studenti/international-degree-seeking-students
The University of Verona strives to strengthen its international dimension and to enhance cultural diversity.

The presence of international students is the keystone for the implementation of such policy. The University promotes on a yearly basis calls for applications for the awarding of support and benefits for EU and non-EU citizens holding a foreign degree and living outside Italy.

In 2021, two calls for applications: 50 students (25 from non-EU Countries + 25 from EU Countries).
2021 Calls for Applications

Benefits and support will include:

- Tuition fees
- Accommodation
- One meal per day at the University canteen (for students coming from particularly deprived and developing Countries).

Call for applications (non-EU students): the call is open, deadline 30th April (at noon, Italian time).

Call for applications (EU students): to be published in May.
Our International Master’s Programmes

https://www.univr.it/en/international-programmes
Economics and Data Analysis

Claudio Zoli

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Economics and Data Analysis

**Aim:** Critical interpretation of economic processes and empirical analysis

**For:** local and international markets and/or economic research

**Background required:** Economic and/or Quantitative + English B2

**Modules:** Core Economics + Core Data Analysis + Business + Economic law + Elective Economics + Elective Data Analysis + optional modules (labs/projects/case studies/invited lecturers) + internship

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<thead>
<tr>
<th>Semester</th>
<th>Economics and Data Analysis</th>
<th>ects</th>
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<tr>
<td><strong>Year 1</strong></td>
<td>1 Mathematical and computational methods for business and economics (6 ects)</td>
<td>12</td>
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<td></td>
<td>1 Data management for business and economics (6 ects)</td>
<td>12</td>
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<td></td>
<td>1 Microeconomics (advanced) (12 ects)</td>
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<td>2 Econometrics (9 ects)</td>
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<td>2 Public sector economics (9 ects)</td>
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<td>2 Game theory with economic applications (9 ects)</td>
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<td>2 International economic law (6 ects)</td>
<td>6</td>
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<td><strong>Year 2</strong></td>
<td>1 Macroeconomics and finance (9 ects)</td>
<td>9</td>
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<td>1 International business and management (6 ects)</td>
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<td>1 Investments (6 ects)</td>
<td>12</td>
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<td>1 Resilience and risk management (6 ects)</td>
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<td>2 Time series and forecasting (9 ects)</td>
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<td>2 Local economic development (9 ects)</td>
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<td>2 Projects appraisal (6 ects)</td>
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<td>2 Environmental economics (6 ects)</td>
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<td>2 Machine learning for economics (6 ects)</td>
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<td>2 Health economics (6 ects)</td>
<td>12</td>
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Economics and Data Analysis

Course built on LM in «Economics» expanding options on data analysis and applied economics + additional modules on specific issues (e.g., risk management, data discovery, predictive analytics, applied economics and finance) and soft skills (e.g., professional communication for economics)

Double Degree: with MSc «International Economic Policy» University of Wurzburg, DE (1 year in Verona + 1 year in Wurzburg)

Graduates: develop abilities in problem solving, data analysis and empirical investigation, economic research

Job perspectives: Employment rate of graduates within 1 year (Almalaurea survey) in the last 4 years range from **94.1% to 100%**

Professional positions immediately after graduation: risk analyst, business and market analyst, junior consultant in national and international companies, Ph.D in Economics
International Economics & Business

MSc to learn the **methods and operations of international firms and markets**

--> **unique balance** of Economics, Business, Quantitative and Law courses with an international focus

Standard teaching combined with

  **Project- & Team-work,**

  student's **presentations,**

  modules by leading **foreign scholars,** plus

  ‘structured’ **internships** organized with the **Service Learning** methodology.
International Economics & Business

Strong symbiosis with international SMEs & Made in Italy champions (of ‘well-done’, ‘well-designed’ sectors):

- Vicenza has the highest export per capita in Italy (fashion, automotive);
- Verona hosts the top European freight village (logistics, food, manufacturing).

LinkedIn page to match demand and supply of internship with local firms.

Strong support for participation into Erasmus exchanges, for courses and internships.

Double Degree programs with:

- Bordeaux (FR),
- Bamberg (DE).
International Economics & Business

**FIRST year**

I semester (3 exams)
- International Finance Modeling
- Quantitative Methods for International Markets
- Group Accounting & Performance

II semester (4 exams)
- International Economic Policy
- International Logistics & Marketing Management
- International Economics
- International Law

**SECOND year**

I semester (3 exams)
- International Trade & Economic Development
- Export decisions, FDI & GVC
- Econ. of Incentives & Motivation
- Statistics for International Business
- International Business Law

II semester (1 exam)
- Reporting & Cost Accounting
- International Business & Governance
- Elective (9 ECTS), internship (3+), thesis (12 ECTS)
Comparative European and Non-European Languages and Literatures

Annalisa Pes
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Comparative European and Non-European Languages and Literatures

• **AIM**: to provide students with a highly qualified linguistic and literary formation in a comparative perspective

• **LANGUAGES AND LITERATURES**: students choose 2 languages and literatures among French, English, Russian, Spanish and German and also study their extra-European variants. Modules are taught in the related languages

• **THE PROGRAMME DEVELOPS**: -critical methodologies for interpretation, translation and analysis of texts; -an interdisciplinary approach for scientific argumentation; -an historical and translinguistic perspective

• **ADMISSION REQUIREMENTS**:
  • C1 level of proficiency in the two chosen languages
  • 27 ECTS in the two languages
  • 24 ECTS in the literature of the 1° language
  • 18 ECTS in the literature of the 2° language
  • 9 ECTS in linguistics, language teaching, literary criticism or comparative literature.....
Comparative European and Non-European Languages and Literatures

• STUDY PLAN:
  • **1° YEAR:** Variety of the 1° and 2° language; Literature of the 1° and 2° language; Comparative literature; Italian literature in the international context
  • **2° YEAR:** History of the 1° or 2° language; Literature of the 1° or 2° language; Literature of the 1° language area; Literature of the 2° language area; Textual and Comparative studies; Philology
• In addition to this, we give students the opportunity to freely choose from different subjects, laboratories for teaching, internships up to 24 credits

• INTERNATIONAL BINARY PROGRAMME: Students choosing Spanish as their 1° language can apply for a binary programme with the University A Coruña (Spain). They will attend part of 2° year in Spain and be awarded a degree from both universities.

• JOB OPPORTUNITIES: Secondary school teaching; worldwide cooperation in the fields of formation, research and cultural enterprise; PhD programmes in the humanities.
**Aim:** to train graduates with an advanced knowledge of linguistics, in both its theoretical and applied aspects.

### Internationalization

#### TEACHING
Guest teachers from all over the world

#### STUDENTS
A truly multicultural environment (1/3 of our students are international)

#### LANGUAGES
Modules taught in English, but also French, Spanish, Italian, Russian ...

→ focus on the European linguistic dimension (L2 Italian)

### Admission requirements

- BA in Arts and Humanities
- 6 ECTS in linguistics
- B2 level of English (CEFR)

### Structure of the course

**1\textsuperscript{st} year:** All levels of linguistic analysis, philology, language learning, language teaching, statistics, IT, etc.

**2\textsuperscript{nd} year:** Historical linguistics, Psychology and cognitive sciences, etc.
Linguistics

Internship opportunities

• Commercial partners of the course
• Linguistics labs: experimental studies on language acquisition, processing, bilingualism, language disorders and learning disabilities (eyetracking, ERP, etc.)

Specialized tutoring

• Orientation and organization of the study plan
• Preparation for exams and drafting of the final thesis

Career opportunities

• PhD in Linguistics or Philology • Foreign Language Teaching • Linguistic Counselling in several areas:
  • international cooperation activities, linguistic integration of immigrants, management of plurilingualism, design and assessment of IT tools for linguistic corpora, language disorders and learning disabilities, etc.

Prospects

• High employment rate of graduates within 1 year: from 80% to 90% over the last 4 years.
COMPUTER ENGINEERING FOR ROBOTICS AND SMART INDUSTRY

Andrea Giachetti

andrea.giachetti@univr.it
**Computer Engineering for Robotics and Smart Industry**

- Objective: to provide students with knowledge and skills typical of information engineering to allow them to identify, formulate, analyze and solve **problems related to the design, integration and management of industrial production plants**.
- The course aims to train graduates with advanced skills in strategic and innovative sectors, such as **industrial robotics, cyber-physical systems, data analytics, digital manufacturing**.
- Target professional figure:
  - Integrator of robotic and cyber-physical systems into manufacturing and information management systems with smart capabilities
COMPUTER ENGINEERING FOR ROBOTICS AND SMART INDUSTRY

Three paths

- **Embedded & IoT Systems**
  - Advanced computer architectures
- **Robotics systems**
  - Industrial robotics and automation
- **Smart systems & data analytics**
  - Data analytics and visual computing

Dedicated lab facilities
Data Science

Paolo Dai Pra

paolo.daipra@univr.it
Data Science

• **Interdisciplinary**: the MSc in Data Science has emerged from the cooperation of several Departments: Computer Science, Business Administration, Human Sciences, Law.

• **Rich and stimulating environment**: the MSc in Data Science attracts students with different background (Computer Science, Economics, Mathematics, Physics, Engineering....)

• **Job profiles** we aim at are highly requested by the job market
  
  • **Data Analyst**: “sifts through data”; uses statistical inference to identify trends; support industrial strategies and smart business plans
  
  • **Data Scientist**: develops and applies mathematical models, and machine learning tools; writes complex codes; interprets data and makes predictions.
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<tr>
<th>COURSES</th>
<th>Scientific area (2 among 5)</th>
<th>Technical area (2 among 5)</th>
<th>Business area (2 among 6)</th>
<th>Social area (1 among 5)</th>
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<tr>
<td>Core Courses</td>
<td>Probability for Data Science</td>
<td>Discrete Optimization and Decision Making</td>
<td>Data Visualization</td>
<td>Social Research</td>
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<td>Programming and Databases</td>
<td>Continuous optimization for Data Science</td>
<td>Data Security &amp; Privacy</td>
<td>Big Data Epistemology</td>
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<td>Business organisation and management</td>
<td>Statistical Models for Data Science</td>
<td>Statistical Learning</td>
<td>Data Protection in Business Organizations</td>
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<td>Ethics and Law of Data Protection</td>
<td>Complex systems and Social Physics</td>
<td>Mining Massive Datasets</td>
<td>Cybercrime</td>
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<td>Network Science and Econophysics</td>
<td>Machine Learning for Data Science</td>
<td>Comparative and Transnational Law &amp; Technology</td>
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<td>Technical area</td>
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<tr>
<td>Business area</td>
<td>Digital Marketing and Market Research</td>
<td>Logistics, Operations &amp; Supply Chains</td>
<td>Marketing Research for Agrifood and Natural Resources</td>
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Mathematics

Really international
More than 70 international teaching faculties
Many students from all over the world
More than 25 mobility programs
1 Double Degree with Grenoble INP

Strong int'l reputation
International alumni placement
Official ECMI teaching center
MSc Agreement and PhD with U. Trento

We care about you
Individual tutoring and mentoring
100% employment rate after 1 year
Mathematics

Main study paths tailored to job market (can be customized)

+ Int'l Summer Schools

+ Internship and Master thesis (also abroad)

Placement

PhD in STEM disciplines: Math, Computer Science/Eng., Biomedical Eng., Neurosciences,...

AI, Data scientist/analyst

Financial engineer

Bank and insurance

Logistics

R&D in industry

Education/High school teacher

CONTACT:

master.math@ateneo.univr.it

AI, Data analysis
Math for finance
Math for life sciences
Pure and discrete mathematics
Numerical and stochastic modeling
Math for industry (ECMI path)
Math for education
Medical Bioinformatics

Pietro Sala
pietro.sala@univr.it
Bachelor in Bioinformatics

Other Bachelors in Science with strong background in programming

Master Degree in Medical Bioinformatics

Qualifying Courses

Paths/Plans/Areas

Medical Informatics

Bioinformatics

Master in Medical Bioinformatics
## Bioinformatician

Computational omics analyses  
Diagnoses and therapies driven by bio-molecular profiles  
Health and epidemiological surveillance

## Data Analyst for Clinical Information processing

Medical Decision Making  
Healthcare organizations and processes  
Personalized medicine

1 CFU = 8 hours
Molecular and Medical Biotechnology

Linda Avesani
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alejandro.giorgetti@univr.it
Molecular and Medical Biotechnology

Molecular and medical biotechnology → developing new solutions to improve human health.

Through the understanding of the molecular and cellular mechanisms of diseases, biotechnology plays an essential role in developing drugs, vaccines, therapies and diagnostic tests.

AIM

✓ Formation of skilled researchers in the field of molecular and cellular biotechnology, capable of performing biomedical analyses, research and development using state of the art experimental and computational approaches.

✓ These skills are developed through the study of cellular and molecular biology, genomics and diagnostics, pathology and pharmacology and computational biology.
Molecular and Medical Biotechnology

Requirements: a three-year University Degree (Bachelor) in Biological disciplines: biochemistry, molecular biology, biology, microbiology, genetics.

40 credits of experimental thesis work
DOUBLE DEGREE PROGRAMMES

https://www.univr.it/en/corsi-di-studio-a-doppio-titolo
Double degree programmes are established through agreements signed between your University and a foreign partner University. At the University of Verona, students can apply for these programmes through specific open competitions (limited number of places): if selected, they will have the opportunity to spend a period of study abroad at a partner University. Upon completion of the programme, graduates will receive two degrees, i.e. the Italian degree and the degree of the foreign partner University. Participating students may receive financial support from the University of Verona.
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<th>MASTER’S DEGREE</th>
<th>STUDY AREA</th>
<th>DURATION</th>
<th>TEACHING LANGUAGE</th>
<th>PARTNER UNIVERSITY</th>
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<tr>
<td>Arts (interuniversity)</td>
<td>Arts and Humanities</td>
<td>2 YEARS</td>
<td>ITALIAN</td>
<td>TECHNISCHE UNIVERSITAT DRESDEN (GERMANY)</td>
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<tr>
<td>Comparative European and Non-European</td>
<td>Languages</td>
<td>2 YEARS</td>
<td>ENGLISH</td>
<td>UNIVERSIDADE DA CORUÑA (SPAIN)</td>
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<tr>
<td>Languages and Literatures</td>
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<tr>
<td>Economics and Data Analysis</td>
<td>Economics</td>
<td>2 YEARS</td>
<td>ENGLISH</td>
<td>UNIVERSITY OF WÜRZBURG (GERMANY)</td>
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<tr>
<td>Historical Studies (interuniversity)</td>
<td>History</td>
<td>2 YEARS</td>
<td>ITALIAN</td>
<td>TECHNISCHE UNIVERSITAT DRESDEN (GERMANY)</td>
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<tr>
<td>International Economics and Business</td>
<td>Economics</td>
<td>2 YEARS</td>
<td>ENGLISH</td>
<td>UNIVERSITÉ DE BORDEAUX (FRANCE)</td>
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<td>2 YEARS</td>
<td>ENGLISH</td>
<td>UNIVERSITY OF BAMBERG (GERMANY)</td>
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<tr>
<td>Mathematics</td>
<td>Science and Engineering</td>
<td>2 YEARS</td>
<td>ENGLISH</td>
<td>INSTITUTE POLYTECHNIQUE DE GRENOBLE (FRANCE)</td>
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<tr>
<td>Quaternary, Prehistory and Archaeology</td>
<td>History</td>
<td>2 YEARS</td>
<td>ITALIAN</td>
<td>INSTITUTE POLYTECHNIQUE DE GRENOBLE (FRANCE)</td>
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<tr>
<td>Tradition and Interpretation of Literary</td>
<td>Arts and Humanities</td>
<td>2 YEARS</td>
<td>ITALIAN</td>
<td>UNIVERSITÄT AUGSBURG (GERMANY)</td>
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<td>Texts</td>
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<td>Viticulture, Oenology and the Wine Market</td>
<td>Economics</td>
<td>2 YEARS</td>
<td>ITALIAN</td>
<td>HOCHSCHULE GEISENHEIM UNIVERSITY (GERMANY)</td>
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Students talk

Kuntal Chatterjee (Linguistics)
Helena Biščević (Mathematics)
Paul Habersatter (International Economics and Business)
CONTACTS

Prospective degree-seeking students:
Admission Office: admissions@ateneo.univr.it

Exchange students:
International office: relazioni.internazionali@ateneo.univr.it

https://www.univr.it/en/international
See you in Verona!

Studying in Verona: International Master’s Programmes

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