



Programma Erasmus+

Sedi Partner 2025-26

Area Scienze e Ingegneria
Collegio di Informatica
11 Febbraio 2025

Presentazione della Commissione

Commissione ERASMUS+ dell'Area di Scienze e Ingegneria

- ▶ Prof. Fabio Favati (fabio.favati@univr.it): **Biotechnologie, Viticoltura ed Enologia**
- ▶ Prof. Giacomo Albi (giacomo.albi@univr.it): **Matematica / Mathematics**
- ▶ Prof.ssa Alessandra Di Pierro (alessandra.dipierro@univr.it) e Prof. Matteo Cristani (matteo.cristani@univr.it): corsi di studio afferenti al Collegio Didattico di **Informatica** (CdS L Informatica, L Bioinformatica, LM Ing. e Scienze Inf., LM Med. Bioinformatics, LM Artificial Intelligence)
- ▶ Prof.ssa Silvia F. Storti (silviafrancesca.storti@univr.it) e Dr. Roberto Di Marco (roberto.dimarco@univr.it): corsi di studio afferenti al Collegio Didattico Interateneo di **Ingegneria dell'Informazione** (CdS L Interateneo in Ingegneria dei Sistemi Medicali per la Persona, LM Computer Engineering for Robotics and Smart Industry)

The University of Verona actively promotes internationalization by various mobility programmes offering the students the chance of studying abroad:

1. **Erasmus+ study**
2. Erasmus+ internships
3. Worldwide Study

For more detail about each programme, as well as for contacts and FAQ, consult [this page](#).

Erasmus+ Study Programme and European University Partners

The Erasmus+ programme is an international mobility programme which allows regularly enrolled students to spend a period of study (2 to 12 months) at a European university. As part of the programme, students will be able to attend courses and use the relevant university facilities, and have their exams and credits recognised at their university.

The Call for Applications for Erasmus+ mobility grants 2025-26 is now open.

Contact Roberta Casalini (International Office) at 045 8028530 or the [Service Desk](#)



Question: *Why should I apply?*

- ▶ Experience studying abroad
- ▶ Get acquainted with a different culture
- ▶ Improve your language skills
- ▶ Boost career opportunities
- ▶ Find new interests
- ▶ Make new friends
- ▶ Personal development
- ▶ Life experience

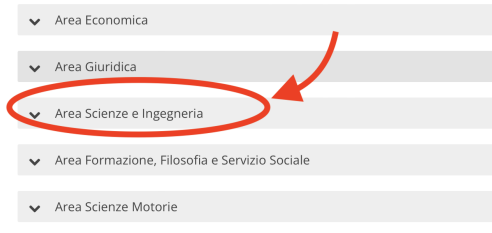
How to Apply

All information on the Call for Application and on How to Apply are available [here](#)

- ▶ Application deadline: **20-02-2025 by 12:00 CET**
- ▶ Info Day: **04-02-2025** (did you attend? Otherwise check the video recording [here](#))
- ▶ Mobility period: **from 01-06-2025 to 30-09-2026**

The list of Partner Institutions for the whole Area of Science and Engineering is available at [online](#).

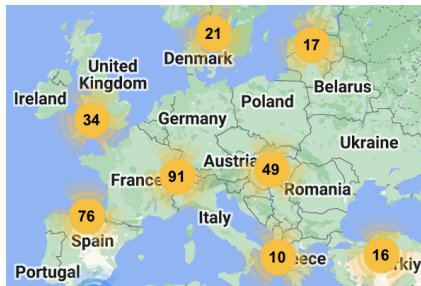
Elenco dei Programmi di Mobilità



Erasmus+ Study Programme and European University Partners

To help students in the choice of their destination, this presentation provides some specific information on the activities of our ERASMUS+ Study partners.

Important: Before applying for a specific destination, students are requested to contact the *local coordinator*. Check the list for the associations university-coordinator and other useful information.



SUB-AREA	CODE	UNIVERSITY	SCED	TYPE	LENGTH	TARGET	LEVEL	NOTES	COORDINATOR	REQUIRED LANGUAGE LEVEL	MAIN SCIENTIFIC FIELDS	ADDITIONAL NOTES
INFO	CH LEGNANO	University of Bologna - Bologna - Legnano	610	Erasmus Student a Mobility Program me	5 Mes	Student	Post title: 5 Postgrad uate - Doctoral	ZH (Institute of Oncology Research) sets the course stage as concordante preventivamente con il Coordinatore	Rosalba Giugni	magistrale: B2 inglese	Bioinformatics	Development of Medical Biosciences Master Degree Thesis, no courses available
INFO	D BELFELD	University of Bielefeld	610	Erasmus	5 Mes	Student Personal e Docente	Post title: 2 Undergra duate (2 year) - Postgrad uate (2 year)	Master thesis can be done fully in English (Bioinformatics or computer science). Close contacts to Genome Informatics research group.	Pausanija Liptik	Intermale: B2 di tedesco, magistrale: B2 di inglese o tedesco (Bachelor: B2 German, master: B2 English or B2 German)	Bioinformatics, Biomedical and Health Informatics, Robotics, Cyberphysical systems, Intelligent Systems	
INFO	D DORTMUND	Technische Universität Dortmund	611	Erasmus	5 Mes	Student Personal e Docente	Post title: 4 Undergra duate - Postgrad uate - Doctoral		Matteo Cristani			
INFO	D JENA	Friedrich-Schiller-Universität Jena	619	Erasmus	5 Mes	Student Personal e Docente	Post title: 4 Undergra duate - Postgrad uate - Doctoral	Master thesis can be done fully in English (Bioinformatics or computer science). Close contacts to Bioinformatics Chair	Pausanija Liptik	Trinmale: B2 di tedesco, magistrale: B2 di inglese o tedesco (Bachelor: B2 German, master: B2 English or B2 German); teaching language is German but many masters courses can be taught in English on request	Bioinformatica, Informatica Teorica, Software Engineering, Didattica dell'Informatica	
INFO	D MÜNCHEN	Technische Universität München	713	Erasmus	18 Mes	Student	Post title: 2 Undergra duate - Postgrad uate	General Information	Alessandra Di Piero	Bachelor and Master: B1 German and B1 English. Most of the modules are offered in German. The language of instruction for each module is detailed in the module overview.	Module Overview	
INFO	E LAS PALMAS	Universidad de Las Palmas de Gran Canaria	610	Erasmus	5 Mes	Student Personal e Docente	Post title: 3 Undergra duate - Postgrad uate		Roberto Ponzanato		Software engineering, mobile programming	
INFO	E MURCIA	Universidad de Murcia	610	Erasmus	5 Mes	Student Personal e Docente	Post title: 5 Undergra duate (2 year) - Postgrad uate (2 year) - Doctoral (7 year)		Carlo Combi			
INFO	E VALENCIA	UNIVERSITAT VALÈNCIA DE LES ILLES BALEARS	610	Erasmus	5 Mes	Personale	Posti totali: 2 Undergra duate - Postgrad uate	Information for exchange students	Giuseffa Franco	Language certificate: Spanish language: B1 Spanish for courses in Spanish English language: B2 English for courses in English. Per i madrelingua Italiani o portoghesi, si può autocertificare di conoscere sufficientemente lo spagnolo.	Bioinformatics, data science, robotics. Nella scuola ci sono anche corsi di laurea magistrale in "AI and Pattern Recognition" e "Software Engineering and HPC".	More info on language requirements
INFO	EE TALLINN	Tallinn University of Technology	714	Erasmus	5 Mes	Student Personal e Docente	Post title: 2 Undergra duate - Postgrad uate		Alessandra Di Piero	Level of English must be at least B2 for non-native English speaking students.	Engineering and Computer Science	Courses in English
INFO	F BRESCIA	Università de Brescia - Occidentale	610	Erasmus	5 Mes	Student	Post title: 2 Undergra duate - Postgrad uate - Doctoral		Nicola Fausto Sesto			

INFO	F BRISTOL	University of Bristol Occidentale	010	Inglese	10 Mes	Studenti Personale e Docente	Posti tutti: 1 Undergra duate Postgrad uate Doctoral	Nicola Fausto Spoto			
INFO	F NICE2	Université Côte d'Azur	010	Francese	5 Mes	Studenti Personale e Docente	Posti tutti: 2 Undergra duate Postgrad uate	Davide Quaglia			
INFO	F ST DENIS1	Université de La Réunion	010	Inglese	10 Mes	Studenti Personale e Docente	Posti tutti: 2 Undergra duate Postgrad uate	Nicola Fausto Spoto			
INFO	G KRITZBERG	Technical University of Crete	010	Greco	5 Mes	Studenti Personale e Docente	Posti tutti: 3 Undergra duate Postgrad uate Doctoral	Alessandra Favelli			
INFO	G VOLOS1	University of Thessaly	010	Greco	5 Mes	Studenti Personale e Docente	Posti tutti: 2 Undergra duate Postgrad uate Doctoral	Tonino Villa			
INFO	HE BUDAPEST1	Eötvös Lorand University (ELTE)	010	Ungherese	5 Mes	Studenti Personale e Docente	Posti tutti: 4 Postgrad uate	Matteo Cristani			
INFO	HEBURY1 (WATERFORD)	South East Technological University	010	Inglese	5 Mes	Studenti Personale e Docente	Posti tutti: 2 Undergra duate	Waterford Campus Alessandra Di Piero	Recommended language level: English B2	Software Systems Development, general computer science, internet of things	
INFO	HE SINGAPORE17	TECHNISCHE UNIVERSITÄT DÜSSELDORF	010	Germano	5 Mes	Studenti	Posti tutti: 3 Undergra duate Postgrad uate Doctoral	Federica Maria Francesca Pao		livello consigliato di inglese C1. Bisogna presentare un modulo firmato dal Coordinatore di Sede che attesta il livello di inglese dello studente	
INFO	HE CLUJ-NAPOCA	Universitatea Babeş-Bolyai	041	Romanese	5 Mes	Studenti Personale e Docente	Posti tutti: 3 Undergra duate Postgrad uate	Matteo Cristani			
INFO	HE CLUJ-NAPOCA	Universitatea Babeş-Bolyai	013	Romanese	5 Mes	Studenti Personale e Docente	Posti tutti: 3 Undergra duate Postgrad uate Doctoral	Matteo Cristani			
INFO	HE KUOPIO12	(TA-SUOMEN) YLIOPISTO University of Eastern Finland	010	Finlandese	5 Mes	Studenti Personale e Docente	Posti tutti: 4 Undergra duate Postgrad uate	Da concordare con il coordinatore prima di applicare Rosalba Giugno	magistrale: B2 inglese	Bioinformatics	
INFO	HE KOPER103	University of Primorska	010	Italiano	5 Mes	Studenti Personale e Docente	Posti tutti: 3 Undergra duate Postgrad uate Doctoral	Ferdinando Cristani			
INFO	HE ESKOSIAHO2	Eskilsta University University	010	Swedish	5 Mes	Personale e Docente, Studenti	Posti tutti: 2 Undergra duate Postgrad uate Doctoral	Nicola Fausto Spoto			

Preparation steps

- ▶ Consult the coordinator of the institution of your choice (among those listed above) to decide period and activities abroad.
- ▶ Apply by February 20, 2025.
- ▶ If your application is successful (you will know that by the 17th of March), then your name will be communicated to the host institution.
- ▶ The host institution may require, among other documents, a Learning Agreement (LA).

This presentation and related material will be available [this page](#).



Slovenia
Koper/Capodistria



University of Primorska
(Cicalese Ferdinando)



Settori / Topics: Informatica / Computer Science

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	●●●●●
Frequenza corsi avanzati / Attending advanced courses	●●●●●
Attività di laboratorio / Laboratory activities	○ ○ ○ ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ○ ○
Tirocini o stages / Internships or Stages	○ ○ ○ ○ ○

Ambiti scientifici suggeriti / Suggested scientific arguments

Informatica teorica, Ingegneria del Software / Software Engineering, Sistemi Informativi, Sistemi Multimediali, Mathematical Logic and Foundations of Mathematics, Discrete Mathematics, Combinatorics, Algebra, Probability, Numerical Analysis, Operation Research, Mathematical Programming.

Note ed informazioni aggiuntive / Remarks and additional info

Bachelor in Computer Science and bachelor in Bioinformatics fully taught in English, also bachelor in Math in English.



Spain
Murcia



Universidad de Murcia
(Combi Carlo)



Settori / Topics: Informatica / Computer Science

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	● ● ● ○ ○
Frequenza corsi avanzati / Attending advanced courses	● ● ● ● ○
Attività di laboratorio / Laboratory activities	● ● ○ ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ● ●
Tirocini o stages / Internships or Stages	● ○ ○ ○ ○

Ambiti scientifici suggeriti / Suggested scientific arguments

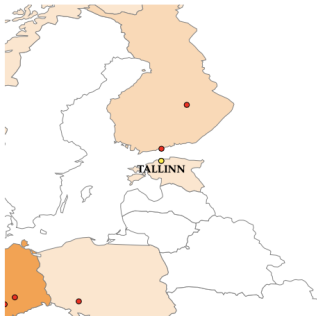
Biomedical and Health Informatics, Informatica Biomedica, Sistemi informativi.



- ▶ Area: Information and Communication Technologies
- ▶ Number of positions: 2
- ▶ Mobility period: up to 10 months
- ▶ Recommended language skills: English B1



Estonia
Tallinn



TalTech University *(Di Pierro Alessandra)*





Area: Computer Engineering

Positions available for Undergraduate, Postgraduate and Doctoral programmes.



ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ
TECHNICAL UNIVERSITY OF CRETE



www.tuc.gr

- Established in **1977**, Started in **1984**
- 5-Year Engineering Programs: **5**
- Master's Programs: **17+**
- Doctoral Programs: **5**
- European University **EURECA-PRO**

- Undergraduate students: **6846**
- Master's students: **436**
- Ph.D. Candidates: **249**

- Faculty Members: **120**
- Laboratory Staff: **95**
- Administrative Staff: **133**



Incoming Students

Students wishing to apply to the Technical University of Cluj for their Erasmus studies will have to be awarded their admission by signed an Erasmus+ letter (Institutional Agreement with TUJ) (Please note that only one application, occurring students must be immediately that means consent, by a staff of administration of incoming student has to request the disabled for submitting applications which are as follows:

1. A form for the online seminar and the whole academic year (semester 1 for the spring semester).

2. A copy of original valid passport, showing students should be of an age appropriate to their application.

• Student application form

• A copy of original valid passport, showing students should be of an age appropriate to their application.

School of Electrical and Computer Engineering

Topics

Machine Learning;
Artificial Intelligence;
Agents and Multi-Agent Systems;
Reinforcement Learning;
Computational Game Theory.

Univr Erasmus+ web page

Courses Offered in English by the School of ECE

The following courses will be offered in English during the academic Year 2024-2025 for incoming Erasmus+ students.

Important: Prospective students are strongly advised to contact the instructors of the courses they are interested in attending before initiating these in their learning agreements/applications. This is imperative so as to ensure that the student has the necessary background to attend each course in question.

Undergraduate Courses

Course #	Course Title	Language	Prerequisites
EECE 414	Advanced Electrical Circuits	Spring 2024	A, E, Physics
EECE 415	Algorithms of Quantum Information	Spring 2024	E, Physics
EECE 416	Art and Technology	Fall 2024	A, E, Humanities
EECE 417	Artificial Intelligence	Fall 2024	M, Logistics
EECE 418	CMOS Analog Circuit Design	Spring 2024	M, Bachelor
EECE 419	Computational Geometry	Spring 2024	A, Mathematics
EECE 420	Computer Systems 1	Fall 2024	A, E, Mathematics
EECE 421	Design of Integrated Circuits	Spring 2024	E, Physics
EECE 422	Digital Systems	Fall 2024, Spring 2025	A, E, Physics
EECE 423	Electronics Laboratory	Fall 2024	A, E, Physics
EECE 424	Electronic Hardware	Fall 2024, Spring 2025	A, E, Mathematics
EECE 425	Functional Programming, Analysis and Applications	Spring 2024	A, E, Mathematics
EECE 426	Generative Artificial Intelligence	Spring 2024	A, Engineering
EECE 427	High-Speed Engineering	Fall 2024	E, Physics
EECE 428	Information Theory and Coding	Fall 2024	E, Mathematics
EECE 429	Introduction to Quantum Computing	Spring 2024	E, Mathematics
EECE 430	Large and Sparse Networks: Modeling and Analysis	Spring 2024	E, Mathematics
EECE 431	Linear Systems	Fall 2024	A, Mathematics
EECE 432	Multi-Agent Systems	Fall 2024	E, Mathematics
EECE 433	Open-Ended Programming	Spring 2024	A, Mathematics
EECE 434	Optimization	Fall 2024	A, Linear
EECE 435	Quantum Information and Quantum Computation	Fall 2024	E, Physics
EECE 436	Reinforcement Learning	Fall 2024	E, Mathematics
EECE 437	Reinforcement Learning and Dynamic Optimization	Spring 2024	E, Mathematics
EECE 438	Security of Systems and Services	Fall 2024	A, Mathematics
EECE 439	Signal Processing and Applications	Fall 2024	E, Communications
EECE 440	Statistical Modeling and Pattern Recognition	Spring 2024	E, Statistics
EECE 441	Thermodynamics Systems 1	Spring 2024	E, Physics

Detailed information about the above courses is available at <https://www.ece.tucluj.ro/guide/guide.html>

Graduate Courses

Course #	Course Title	Language	Prerequisites
EECE 514	Advanced Electrical Circuits	Spring 2024	A, E, Physics
EECE 515	Advanced Neural Networks	Spring 2024	A, Mathematics
EECE 516	Algorithms of Quantum Information	Spring 2024	E, Physics
EECE 517	Big Data Processing and Analysis	Spring 2024	A, Mathematics
EECE 518	Computational Geometry	Spring 2024	A, Mathematics
EECE 519	Control of Distributed Parameter Systems	Spring 2024	A, Mathematics
EECE 520	Decision Making and Learning in Multi-Agent Worlds	Spring 2024	E, Mathematics
EECE 521	Generative Artificial Intelligence	Spring 2024	E, Mathematics
EECE 522	High Voltage Engineering	Fall 2024	E, Physics
EECE 523	Information-Management Methods	Fall 2024	E, Physics
EECE 524	Introduction to Quantum Computing	Spring 2024	E, Mathematics
EECE 525	Large and Sparse Networks: Modeling and Analysis	Spring 2024	E, Mathematics
EECE 526	Machine Learning	Spring 2024	A, Statistics
EECE 527	Optimization	Fall 2024	A, Linear
EECE 528	Optimization: Modeling and Applications	Spring 2024	A, Linear
EECE 529	Practical Quantum Information and Applications	Spring 2024	E, Mathematics
EECE 530	Reinforcement Learning and Dynamic Optimization	Fall 2024	E, Mathematics
EECE 531	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 532	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 533	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 534	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 535	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 536	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 537	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 538	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 539	Reinforcement Learning and Applications	Fall 2024	E, Mathematics
EECE 540	Reinforcement Learning and Applications	Fall 2024	E, Mathematics

Field
Science and Engineering

Available Places
3

Places per level of programme
Undergraduate
Postgraduate
Doctoral
Thesis (master/bachelor)



Suggested topics: Cyber security, Algorithms, Formal Methods, Software Engineering, Embedded Systems, Data Science.

Additional info: TU/e offers Bachelor programs in Computer Science and Engineering, and Data Science as well as Master programs in Computer Science and Engineering, Data Science and AI and Embedded Systems.

- ▶ Suggested activities: Attending Basic/Advanced Courses, Thesis Projects
- ▶ Courses are taught in English. You need to provide a language certificate or TU/e exemption form
- ▶ All courses at TU/e are worth 5 credits and are delivered in quartiles (2 lessons per week for 8 weeks)
- ▶ Some courses can only be taken with the explicit agreement of the teacher
- ▶ Detailed information about the courses can be found here:
<https://tue.osiris-student.nl/onderwijscatalogus/extern/cursus>



Finland
Kuopio



University of Eastern Finland *(Giugno Rosalba)*



Settori / Topics: Informatica / Computer Science

University of Eastern Finland (Giugno Rosalba)

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	○ ○ ○ ○ ○
Frequenza corsi avanzati / Attending advanced courses	○ ○ ○ ○ ○
Attività di laboratorio / Laboratory activities	● ● ● ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ● ●
Tirocini o stages / Internships or Stages	● ○ ○ ○ ○

Ambiti scientifici suggeriti / Suggested scientific arguments

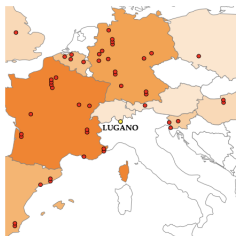
Tesi Medical Bioinf su analisi dei dati omici su malattie neurodegenerative.

Note ed informazioni aggiuntive / Remarks and additional info

Mobilità solo per tesi.



Svizzera
Lugano



Università della Svizzera Italiana
(Giugno Rosalba)



Settori / Topics: Informatica / Computer Science

Università della Svizzera Italiana (Giugno Rosalba)

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	○ ○ ○ ○ ○
Frequenza corsi avanzati / Attending advanced courses	○ ○ ○ ○ ○
Attività di laboratorio / Laboratory activities	● ● ● ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ● ●
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Ambiti scientifici suggeriti / Suggested scientific arguments

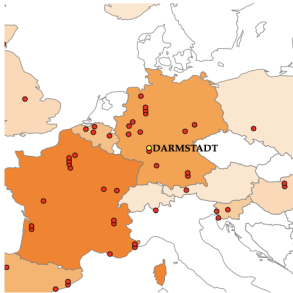
Tesi in Medical Bioinf su analisi dei dati e sviluppo di algoritmi/metodi di analisi in bioinformatica con particolare focus ai lymphoma

Note ed informazioni aggiuntive / Remarks and additional info

Mobilità solo per tesi in Medical Bioinformatics.



Germany
Dortmund



Technische Universität Dortmund
(Matteo Cristani)



Settori / Topics: Informatica / Computer Science

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	●●●●○
Frequenza corsi avanzati / Attending advanced courses	●●●●●
Attività di laboratorio / Laboratory activities	○○○○○
Stesura tesi di laurea / Degree Thesis	●●●●●
Tirocini o stages / Internships or Stages	○○○○○

Ambiti scientifici suggeriti / Suggested scientific arguments

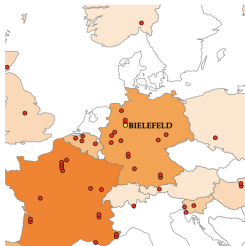
Informatica Teorica, Ingegneria del Software, Sicurezza, Sistemi Ciberfisici, Sistemi Intelligenti, Didattica dell'informatica

Note ed informazioni aggiuntive / Remarks and additional info

Almost all courses (bachelor and master level) taught in German (B2 necessary), a few master level courses can be taught in English on request. Contacts to groups specializing in Bioinformatics (statistics, algorithms), Text Algorithms, and Didactics of Informatics. Possibility of master thesis (for thesis work, English B2 suffices).



Germany
Bielefeld



Universität Bielefeld (*Lipták Zsuzsanna*)



Settori / Topics: Informatica, Bioinformatica / Computer Science, Bioinformatics

Universität Bielefeld (Lipták Zsuzsanna)

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	● ● ● ● ●
Frequenza corsi avanzati / Attending advanced courses	● ● ● ● ●
Attività di laboratorio / Laboratory activities	○ ○ ○ ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ● ●
Tirocini o stages / Internships or Stages	● ● ● ● ○

Ambiti scientifici suggeriti / Suggested scientific arguments

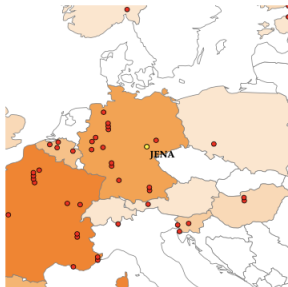
Bioinformatica, Biomedical and Health Informatics, Informatica biomedica, Robotica, Sistemi Ciberfisici, Sistemi Intelligenti

Note ed informazioni aggiuntive / Remarks and additional info

The University of Bielefeld was one of the first European universities to introduce a bioinformatics study program, approx. 30 years ago. There are many different research groups in bioinformatics / computation biology, and a large number of courses (bachelor and master); this is no doubt one of the best universities globally for bioinformatics. Equally suitable for following courses, or for doing a master thesis, or both. The Center for Biotechnology (Cebitec) gathers biotechnology and bioinformatics research groups. Bielefeld University also has a strong tradition, and now a major research center, in robotics (Citec), and a master program 'Intelligent Systems' (master). Language: 1) All bachelor level courses are taught in German. For being able to follow bachelor level courses, B2-level German is necessary; intensive German courses (4 weeks) available for Erasmus students prior to beginning of the semester, therefore B1 in German on departure should suffice. 2) Many master level courses may be taught in English on request. For master's thesis, knowledge of English (B2) is sufficient (no German necessary). Research groups are mostly international, with working language English.



Germany
Jena



Friedrich-Schiller-Universität Jena *(Pietro Sala)*



Settori / Topics: Informatica / Computer Science

Friedrich-Schiller-Universität Jena (Pietro Sala)

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	●●●●●
Frequenza corsi avanzati / Attending advanced courses	●●●●●
Attività di laboratorio / Laboratory activities	○●●●○
Stesura tesi di laurea / Degree Thesis	●●●●●
Tirocini o stages / Internships or Stages	●●●○

Ambiti scientifici suggeriti / Suggested scientific arguments

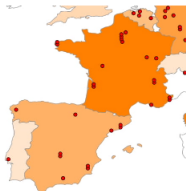
Bioinformatica, Informatica Teorica, Ingegneria del Software, Didattica dell'Informatica.

Note ed informazioni aggiuntive / Remarks and additional info

Jena University has a bachelor degree (BSc) and master degree (MSc) in bioinformatics, many courses in different areas of bioinformatics (see bioinformatik.uni-jena.de), e.g. phylogenetics, mass spectrometry, systems biology, and others. Teaching language is German but many courses at the master level will be taught in English on request (in the presence of a foreign student). Master thesis in bioinformatics or computer science can be done in English. Close contacts to Bioinformatics group.



Spain
Las Palmas



LAS PALMAS

Universidad de Las Palmas de Gran Canaria (*Posenato Roberto*)



Settori / Topics: Informatica / Computer Science

Universidad de Las Palmas de Gran Canaria (Posenato Roberto)

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	●●●●●
Frequenza corsi avanzati / Attending advanced courses	○○○○○
Attività di laboratorio / Laboratory activities	●●○○○
Stesura tesi di laurea / Degree Thesis	○○○○○
Tirocini o stages / Internships or Stages	○○○○○

Ambiti scientifici suggeriti / Suggested scientific arguments

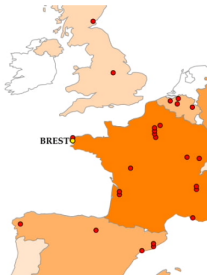
Ingegneria del software, Sicurezza, Sistemi Informativi

Note ed informazioni aggiuntive / Remarks and additional info

Il corso di laurea in ingegneria informatica, come il master post laurea, dell'Università di Las Palmas di Gran Canaria ha un taglio molto applicativo con particolare attenzione alle tecnologie emergenti. Si consiglia una esperienza Erasmus per frequentare corsi inerenti alla programmazione in ambito mobile o progettazione di infrastrutture e servizi cloud.



France
Brest



Université de Bretagne Occidentale (*Spoto Fausto*)



Settori / Topics: Informatica / Computer Science

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	● ● ● ● ●
Frequenza corsi avanzati / Attending advanced courses	● ● ● ● ○
Attività di laboratorio / Laboratory activities	● ● ● ● ●
Stesura tesi di laurea / Degree Thesis	● ● ● ● ○
Tirocini o stages / Internships or Stages	● ● ● ● ○

Note ed informazioni aggiuntive / Remarks and additional info

L'esperienza è indicata per seguire corsi di informatica generale e per svolgere tesi di laurea in ambito di verifica del software.



France

St. Denis de la Reunion



Université de La Reunion
(*Spoto Fausto*)



Settori / Topics: Informatica / Computer Science

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	●●●●●
Frequenza corsi avanzati / Attending advanced courses	●●●○○
Attività di laboratorio / Laboratory activities	●●●●○
Stesura tesi di laurea / Degree Thesis	●●●●○
Tirocini o stages / Internships or Stages	●●○○○

Ambiti scientifici suggeriti / Suggested scientific arguments

Le attività suggerite sono quelle in ambito di linguaggi di programmazione e verifica del software, tramite analisi statica e interpretazione astratta. Aree di riferimento: informatica teorica, ingegneria del software, sicurezza, sistemi intelligenti. The suggested activities are on the fields of programming languages and software verification, by mean of static analysis and abstract interpretation. Research areas: theoretical computer science, software engineering, security, intelligent systems.

Note ed informazioni aggiuntive / Remarks and additional info

La sede ospitante fornisce supporto per la sistemazione degli studenti presso casa degli studenti, a prezzo ridotto, accesso alla mensa e corso di francese gratuito prima dell'inizio dei corsi. The partner seat provides accomodation for students at student's House, at discounted fees, access to the canteen, and a free French language course before the start of the courses.



Turkey
Eskisheir



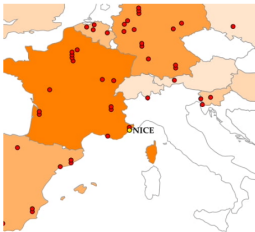
Eskisehir Osmangazi University
(Spoto Fausto)



Settori / Topics: Informatica / Computer Science



France
Nice



Université de Nice - Sophia Antipolis (*Quaglia Davide*)



Settori / Topics: Ingegneria e Scienze Informatiche / Computer Science, ICT

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	● ○ ○ ○ ○
Frequenza corsi avanzati / Attending advanced courses	● ○ ○ ○ ○
Attività di laboratorio / Laboratory activities	● ● ● ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ● ●
Tirocini o stages / Internships or Stages	● ● ● ● ●

Ambiti scientifici suggeriti / Suggested scientific arguments

Sistemi cibersici / Cyberphysical systems, Sistemi embedded di rete / Network embedded systems. Progetto, realizzazione e simulazione di sistemi embedded con comunicazione wireless e energy harvesting. Tecniche di simulazione per sistemi misti discreti e continui. Design, realizzazione e simulazione di sistemi embedded con comunicazione wireless e energy harvesting. Simulation techniques for mixed continuous and discrete systems.

Note ed informazioni aggiuntive / Remarks and additional info

L'esperienza si colloca in uno dei più grandi campus tecnologici di Europa con più di 200 aziende ICT (ad es. Agilent, Cadence, Cisco, HP, IBM, Intel, Orange, Philips, ecc.) e apre a successive possibilità lavorative e di Dottorato di Ricerca. Sistemi embedded di rete con Laboratoire d'Electronique, Antennes et Télécommunications (LEAT). Sistemi cibersici con Institut National de Recherche en Informatique et en Automatique (INRIA). NON è richiesta la conoscenza del Francese. Reale esperienza di ricerca internazionale con possibilità di scrivere pubblicazioni. Un buon modo per conoscere un'altra cultura, iniziare a costruire una rete di relazioni internazionali per la propria carriera. Infine, possibilità di passare periodi di tempo in una regione ricca di attrazioni naturali e culturali.



Greece
Volos



University of Thessaly
(Villa Tiziano)



Settori / Topics: Informatica / Computer Science

Attività consigliate nella sede / Suggested activities

Frequenza corsi di base / Attending basic courses	○ ○ ○ ○ ○
Frequenza corsi avanzati / Attending advanced courses	○ ○ ○ ○ ○
Attività di laboratorio / Laboratory activities	○ ○ ○ ○ ○
Stesura tesi di laurea / Degree Thesis	● ● ● ● ●
Tirocini o stages / Internships or Stages	● ● ● ● ●

Ambiti scientifici suggeriti / Suggested scientific arguments

Progettazione di circuiti digitali, algoritmi e librerie per la progettazione automatica di circuiti integrati, progettazione di circuiti digitali asincroni. Consigliato agli studenti dell'area di sistemi embedded per svolgere progetti di magistrale su argomenti negli ambiti precedenti. Presenti anche specialisti di reti (collaborazione con D. Quaglia).