

University of Trento - Academic offer for ACTIVE applicants

➤ UNDERGRADUATE LEVEL (only exchange mobility)

Undergraduate course on Industrial Engineering - Department of Industrial Engineering

Level, type, duration of mobility:

- Undergraduate exchange mobility, 10 months (max number of scholarships: 2).
- Please note that only exchange mobility is allowed, not degree seeking.

Teaching language: Italian

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: Certified Italian A2 level (Common European Framework CEFR)

Academic Requirements: The applicant must be enrolled at least at the second year of a relevant Undergraduate programme at the Home university

Additional information: The courses syllabi can be found on the following link by selecting the relevant department/degree course: <https://www.esse3.unitn.it/Guide/PaginaRicercaInse.do>

Link to webpage: <http://www.unitn.it/en/dii/6719/undergraduate-course-in-industrial-engineering>

Fields of study: Materials Science, Manufacturing Science.

Undergraduate course in Computer Science – Dept. of Information Engineering and Computer Science

Level, type, duration of mobility:

- Undergraduate exchange mobility, 10 months (max number of scholarships: 2).
- Please note that only exchange mobility is allowed, not degree seeking.

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: Please check the admission requirements and documents needed at the following link <http://www.disi.unitn.it/education>

Additional information: The applicant must be enrolled in the last year of the undergraduate program at Home University during the mobility. Link to webpage: <http://www.disi.unitn.it/education>

Fields of study: Informatics, Computer Science; Artificial Intelligence; Others – Engineering, Technology

➤ MASTER LEVEL

Master of Science in Cellular and Molecular Biotechnology - CIBIO, Centre for Integrative Biology

Level, type, duration of mobility:

- Master exchange mobility, 10 months (max number of scholarship: 2)
- Master degree seeking, 24 months (max number of scholarship: 2)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: English B1 level (Common European Framework CEFR), proved by a certification among those included in the document published at the following link <http://www.unitn.it/en/node/25211>

Academic Requirements: Bachelor of Science obtained at an internationally recognized, university-level institution. Minimum requirements are basic knowledge in molecular and cellular biology, biochemistry, mathematics, statistics and physics.

Additional information: Letter of motivation in English is required

Link to webpage: <http://www.unitn.it/en/cibio/25211/admission-requirements>

Fields of study: Biology; Microbiology, Biotechnology; Biochemistry.

Master in Materials Science & Engineering - Department of Industrial Engineering

Level, type, duration of mobility:

- Master exchange mobility, 10 months (max number of scholarship: 2)
- Master degree seeking, 24 months (max number of scholarship: 2)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: International English Language certificate for B1 level (Common European Framework CEFR). See the following link (pages 2-3) for the equivalences

<http://www.unitn.it/files/download/568/certificazionilinguisticheaa201213-aggiornatoal29.pdf>

Alternatively, applicants who received one of their previous degrees from a university-level institution where the official language of teaching is English must submit a declaration issued by the same University stating that English is their primary medium of instruction.

Academic Requirements: A) a three-year first-level degree (Bachelor or similar) in the broad class of Industrial Engineering (e.g. Materials, Chemical, Mechanical, Electric, Engineering) or closely related scientific disciplines awarded by an officially recognized university-level institution. B) Some documented background in all of the following subjects: Mathematics, Physics and Chemistry.

Additional information: The courses syllabi can be found on the following link by selecting the relevant department/degree course: <https://www.esse3.unitn.it/Guide/PaginaRicercaInse.do>

Link to webpage: <http://www.unitn.it/en/dii/11347/master-s-degree-in-materials-engineering>

Field of study: Materials Science.

Master in Mechatronics Engineering - Department of Industrial Engineering

Level, type, duration of mobility:

- Master exchange mobility, 10 months (max number of scholarship: 2)
- Master degree seeking, 24 months (max number of scholarship: 2)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: International English Language certificate for B1 level (Common European Framework CEFR). See the following link (pages 2-3) for the equivalences:

<http://www.unitn.it/files/download/568/certificazionilinguisticheaa201213-aggiornatoal29.pdf>.

Alternatively, applicants who received one of their previous degrees from a university-level institution where the official language of teaching is English must submit a declaration issued by the same University stating that English is their primary medium of instruction.

Academic Requirements: A) a three-year first-level degree (Bachelor or similar) in the broad class of Industrial Engineering (e.g. mechanic, mechatronics, chemical, material engineering, etc.) or in the broad class of Information and Electronic Engineering (e.g. electronic, control, automation engineering, etc.) or closely related disciplines awarded by an officially recognized university-level institution. B) Some documented background in all of the following subjects: Mathematics and Physics.

Additional information: The courses syllabi can be found on the following link by selecting the relevant department/degree course: <https://www.esse3.unitn.it/Guide/PaginaRicercaInse.do>

Link to webpage: <http://www.unitn.it/en/dii/12188/master-s-degree-in-mechatronics-engineering>

Field of study: Manufacturing Science.

Master in Computer Science - Department of Information Engineering and Computer Science

Level, type, duration of mobility:

- Master exchange mobility, 10 months (max number of scholarship: 3)
- Master degree seeking, 24 months (max number of scholarship: 3)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: English B2 level (Common European Framework CEFR).

Academic Requirements: Bachelor Computer Science or equivalent. Please check the admission requirements and documents needed at the following link: <http://www.disi.unitn.it/education>

Link to webpage: <http://www.disi.unitn.it/education>

Fields of study: Informatics, Computer Science; Artificial Intelligence; Others – Engineering, Technology.

Master in Telecommunications Engineering – Dept. of Information Engineering and Computer Science

Level, type, duration of mobility:

- Master exchange mobility, 10 months (max number of scholarship: 3)
- Master degree seeking, 24 months (max number of scholarship: 3)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: English B2 level (Common European Framework CEFR).

Academic Requirements: Bachelor TLC or equivalent. Please check the admission requirements and documents needed at the following link: <http://www.disi.unitn.it/education>

Link to webpage: <http://www.disi.unitn.it/education>

Field of study: Electronic Engineering, Telecommunications

Master in Mathematics - Department of Mathematics

Level, type, duration of mobility:

- Master exchange mobility, 10 months (max number of scholarship: 2)
- Master degree seeking, 24 months (max number of scholarship: 2)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: English B1 level (Common European Framework CEFR). Fluency in written and spoken English, certified by one of the following documents: IELTS with score of at least 3.5, Paper-Based TOEFL with score of at least 490; Computer-Based TOEFL with score of at least 164; Internet-Based TOEFL with a score of at least 57; Cambridge PET; TOEIC with a score of at least 550; ALTE 2-Intermediate. Proof of language proficiency by Home University can be accepted: applicants who received one of their previous degrees from a university level Institution where the official teaching language is English, can submit a declaration issued by the same University stating that English is their primary language of education.

Academic Requirements: It is necessary to have a first level Bachelor, with a curriculum that includes, as minimal requirements, basic mathematical knowledge and competences of linear algebra and mathematical analysis.

Link to webpage: <http://www.unitn.it/en/dmath/7875/master-of-science-in-mathematics>

Field of study: Mathematics

Master in Physics - Department of Physics

Level, type, duration of mobility:

- master degree seeking, 24 months (max number of scholarships: 2).
- Please note that only degree seeking mobility is allowed, not exchange.

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy)

Language Requirements: fluency in written and spoken English at B2 level (Common European Framework CEFR) proved by one of the certifications listed in the call for Non EU student published on Master webpage . Applicants who received one of their previous degrees from a university level Institution where the official teaching language is English, can submit a declaration issued by the same University stating that English is their primary language of education.

Academic Requirements: Bachelor Degree in Physics, Applied Physics, Materials Science, or Chemistry, or equivalent bachelor degree awarded by an internationally recognized university level institution. Students must be also in possession of at least 24 MATH/* credits, at least 54 PHYS/* credits and a total of 84 MATH/* + PHYS/* credits (or considered equivalent by the Physics Area Council).

Link to webpage: <http://msc-physics.science.unitn.it/>

Field of study: Physics

- Please find the Academic Offer for exchange students participating in International projects at the following link: www.unitn.it/node/14068/

➤ DOCTORATE LEVEL

Doctoral program in Civil, Environmental and Mechanical Engineering

Department of Civil, Environmental and Mechanical Engineering

Level, type, duration of mobility:

- Doctorate exchange mobility, 10 months (max number of scholarships: 3).
- Doctorate degree seeking, 36 months (max number of scholarships: 5).

Teaching language: English

Planned start of the doctoral course: January 2015. Planned start of the mobility for exchange applicants: 01/12/2014 (dd/mm/yyyy), to be agreed with tutor. Degree seeking applicants must make sure of the deadline for starting the mobility on ACTIVE website or contact us for further information.

Language Requirements: Certified English B2 (Common European Framework CEFR).

Academic Requirements: Master's degree. Please check the Doctorate website for further requirements and information about the course, admission, duration of the programme and academic calendar.

Link to webpage: <http://www.unitn.it/en/ateneo/28800/doctoral-programme-in-civil-environmental-and-mechanical-engineering>

Fields of study: Mechanical Engineering, Civil Engineering, Architecture, urban and regional planning, Environmental Sciences, Ecology, Others – Engineering, Technology

Doctoral program in Materials, Mechatronics and System Engineering

Department of Industrial Engineering

Level, type, duration of mobility:

- Doctorate exchange mobility, 12 months (max number of scholarship: 3)
- Doctorate degree seeking, 36 months (max number of scholarships: 5)

Teaching language: English

Planned start of the doctoral course: end of January 2015. Planned start of the mobility for exchange applicants: 01/12/2014 (dd/mm/yyyy), to be agreed with tutor. Degree seeking applicants must make sure of the deadline for starting the mobility on ACTIVE website or contact us for further information.

Language Requirements: International English Language certificate for B2 level (Common European Framework CEFR). See the following link (pages 2-3) for the equivalences:

<http://www.unitn.it/files/download/568/certificazionilinguisticheaa201213-aggiornatoal29.pdf> .

Alternatively, applicants who received one of their previous degrees from a university-level institution where the official language of teaching is English must submit a declaration issued by the same University stating that English is their primary medium of instruction.

Academic Requirements: Master's degree in relevant areas

Additional information: Please check the Doctorate website for further requirements and information about the course, admission, duration of the programme and academic calendar.

Link to webpage: <http://www.unitn.it/en/drmmse/30442/doctoral-school>

Fields of study: Mechanical Engineering, Electrical Engineering, Chemical Engineering, Electronic Engineering, Materials Science

Doctoral program in Information and Communication Technology

Department of Information Engineering and Computer Science

Level, type, duration of mobility:

- Doctorate exchange mobility, 6-10-12 months (max number of scholarship: 5)
- Doctorate degree seeking, 36 months (max number of scholarships: 3)

Teaching language: English

Planned start of the study programme: 01/11/2014. Degree seeking applicants must make sure of the deadline for starting the mobility on ACTIVE website or contact us for further information.

Language Requirements: English B2 level (Common European Framework CEFR).

Academic Requirements: M.Sc

Additional information: Please check the website <http://ict.unitn.it/application> for further requirements and information about the doctoral course, admission, duration of the programme and academic calendar.

Link to webpage: <http://ict.unitn.it/>

Fields of study: Electronic Engineering, Telecommunications, Informatics, Computer Science, Artificial Intelligence

Doctoral program in Mathematics - Department of Mathematics

Level, type, duration of mobility:

- Doctorate degree seeking, 36 months (max number of scholarships: 1)
- Doctorate exchange mobility, 12 months (max number of scholarships: 1)

Teaching language: English

Planned start of the study programme: 01/09/2014 (dd/mm/yyyy).

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: It is necessary to hold a Master of Sciences in a scientific field which includes enough mathematics. Exchange applicants should be enrolled in a Ph.D. program in one of the areas of research currently active in the department. Please check the Doctorate website for further requirements and information about the course, admission, duration of the programme and academic calendar.

Additional information: The selection is highly competitive and only very good curricula will be considered.

Link to webpage: <http://www.unitn.it/en/ateneo/3062/doctoral-school-mathematics>

Field of study: Mathematics

Doctoral Program in Biomolecular Sciences - CIBIO, Centre for Integrative Biology

Level, type, duration of mobility:

- Doctorate degree seeking, 36 months (max number of scholarships: 2)
- Please note that only degree seeking mobility is allowed, not exchange.

Teaching language: English

Planned start of the study programme: 01/11/2014 (dd/mm/yyyy). Applicants must make sure of the deadline for starting the mobility on ACTIVE website or contact us for further information.

Language Requirements: English B1 level (Common European Framework CEFR)

Academic Requirements: Master degree. Please check the website of the doctoral program for further information about the doctoral course, requirements, admission, duration of the programme and academic calendar. Letter of motivation (in English) is required. Link to webpage: www.unitn.it/en/drbs

Field of study: Microbiology, Biotechnology, Biochemistry

Doctoral program in Physics - Department of Physics

Level, type, duration of mobility:

- Doctorate degree seeking, 36 months (max number of scholarships: 1)
- Please note that only degree seeking mobility is allowed, not exchange.

Teaching language: English

Planned start of the study programme: 01/10/2014. Applicants must make sure of the deadline for starting the mobility on ACTIVE website or contact us for further information.

Language Requirements: fluency in written and spoken English at B2 level (Common European Framework CEFR), proved by one of the certifications listed at the link

<http://www.unitn.it/files/download/568/certificazionilinguisticheaa201213-aggiornatoal29.pdf> . Applicants who received one of their previous degrees from a university level Institution where the official teaching language is English, can submit a declaration issued by the same University stating that English is their primary language of education.

Academic Requirements: Master Degree in Physics or Chemistry or Engineering

Additional information: Please check the website of the doctoral program for further information about the doctoral course, requirements, admission, duration of the programme and academic calendar.

Link to webpage: <http://www.unitn.it/en/drphys>

Field of study: Physics

➤ **POST-DOCTORATE LEVEL**

CIBIO, Centre for Integrative Biology

Level, type, duration of mobility: Post-doctorate, 10 months

Max number of scholarships: 2

Planned start of the study programme: 01/09/2014, to be agreed with academic tutor

Language Requirements: Good working knowledge of English

Academic Requirements: PhD in relevant field of study. Minimum requirements are also basic knowledge in molecular and cellular biology, biochemistry, mathematics, statistics and physics.

Additional information: Letter of motivation in English is required.

Link to webpage: <http://www.unitn.it/en/cibio/11850/research-programs>

Field of study: Microbiology, Biotechnology

Department of Civil, Environmental and Mechanical Engineering

Level, type, duration of mobility: Post-doctorate, 6 months

Max number of scholarships: 5

Planned start of the study programme: after 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: PhD in relevant areas: <http://www.unitn.it/en/dicam/27852/research>

Link to webpage: <http://www.unitn.it/en/dicam/27852/research>

Fields of study: Mechanical Engineering, Civil Engineering, Chemical Engineering, Architecture, urban and regional planning, Environmental Sciences, Ecology, Others – Engineering, Technology

Department of Industrial Engineering

Level, type, duration of mobility: Post-doctorate, 10 months

Max number of scholarships: 5

Planned start of the study programme: after 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: PhD in relevant areas: <http://www.unitn.it/en/dii/29526/research>

Link to webpage: <http://www.unitn.it/en/dii/29526/research>

Field of study: Mechanical Engineering, Electrical Engineering, Chemical Engineering, Electronic Engineering, Materials Science

Department of Information Engineering and Computer Science

Level, type, duration of mobility: Post-doctorate, 6-10 months

Max number of scholarships: 3

Planned start of the study programme: after 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: PhD

Link to webpage: <http://www.disi.unitn.it/research>

Field of study: Electronic Engineering, Telecommunications, Informatics, Computer Science, Artificial Intelligence

Department of Mathematics

Level, type, duration of mobility: Post-doctorate, 12 months

Max number of scholarships: 1

Planned start of the study programme: 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: The candidate should hold a Ph.D. in one of the research area currently active in our department.

Link to webpage: <http://www.unitn.it/en/dmath/27625/research>

Field of study: Mathematics

➤ **STAFF LEVEL**

Department of Civil, Environmental and Mechanical Engineering

Level, type, duration of mobility: Academic Staff, 1 month

Max number of scholarships: 5

Planned start of the study programme: after 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: PhD in relevant areas: <http://www.unitn.it/en/dicam/27852/research>

Link to webpage: <http://www.unitn.it/en/dicam/27852/research>

Field of study: Mechanical Engineering, Civil Engineering, Chemical Engineering, Architecture, urban and regional planning, Environmental Sciences, Ecology, Others – Engineering, Technology

Department of Industrial Engineering

Level, type, duration of mobility:

- Academic Staff, 1 month (max number of scholarships: 3)
- Administrative Staff, 1 month (max number of scholarships: 1)

Planned start of the study programme: after 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: PhD in relevant areas: <http://www.unitn.it/en/dii/29526/research>

Link to webpage: <http://www.unitn.it/en/dii/29526/research>

Fields of study: Mechanical Engineering, Electronic Engineering, Materials Science

Department of Information Engineering and Computer Science

Level, type, duration of mobility:

- Academic Staff, 1 month
- Administrative Staff, 1 month

Max number of scholarships: 2

Planned start of the study programme: after 01/09/2014, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Additional information: preference will be given for academic and administrative staff working in the Internationalization and in the Innovation and Entrepreneurship areas.

Link to webpage: <http://www.disi.unitn.it/>

Field of study: Electronic Engineering, Telecommunications, Informatics, Computer Science, Artificial Intelligence

Department of Mathematics

Level, type, duration of mobility: Academic Staff, 1 month

Max number of scholarships: 1

Planned start of the study programme: 01/09/2015, to be agreed with academic tutor

Language Requirements: English B2 level (Common European Framework CEFR)

Academic Requirements: Expertise in teaching at the level of our master, in particular on arguments that can be offered as useful integration to the students of our master.

Link to webpage: <http://www.unitn.it/en/dmath/7875/master-of-science-in-mathematics>

Field of study: Mathematics