<table>
<thead>
<tr>
<th>Type of mobility</th>
<th>Starting date</th>
<th>Domain – Specialty</th>
<th>Topic – Name of program/degree</th>
<th>Main Language</th>
<th>Explanatory text</th>
<th>Academic Requirements</th>
<th>Mechanism of recognition and transfer used by your University</th>
<th>Homepage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate: exchange student (6 months)</td>
<td>Winter Semester</td>
<td>Mechanical Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td>Spring Semester</td>
<td>Chemical Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Biomedical Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electrical and Electronic Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Computer Science</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td>Undergraduate: exchange student (6 months)</td>
<td>Winter Semester</td>
<td>Mechanical Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td>Spring Semester</td>
<td>Chemical Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Biomedical Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electrical and Electronic Engineering</td>
<td>IT</td>
<td>Italian language courses are organized by the University. Instructors can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studier</td>
<td>ECTS</td>
<td>Faculty Homepage</td>
<td><a href="https://webstudenti.unica.it/esse3/Facolta.do?id=10062">https://webstudenti.unica.it/esse3/Facolta.do?id=10062</a></td>
</tr>
</tbody>
</table>
## PhD Program in Electronic and Computer Engineering

### Master's degree: exchange student

**Duration:** 2 years of Scientific University Studies ECTS

**Type:** 3 curriculums

<table>
<thead>
<tr>
<th>Engineering</th>
<th>IT</th>
<th>Italian language courses are organized by the University.</th>
<th>2 years of Scientific University Studies</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Engineering</td>
<td><strong>IT</strong></td>
<td>Italian language courses are organized by the University. Instructions can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studies</td>
<td>ECTS</td>
</tr>
<tr>
<td>Computer Science</td>
<td><strong>IT</strong></td>
<td>Italian language courses are organized by the University. Instructions can provide foreign student support in English. Exams can be taken in English.</td>
<td>2 years of Scientific University Studies</td>
<td>ECTS</td>
</tr>
</tbody>
</table>

### Doctoral (sandwich) scheme: exchange students up to 9 months

- **Fields of interest:**
  - Agricultural and Food Engineering
  - Chemical Engineering
  - Computer Science
  - Electrical Engineering
  - Mechanical Engineering
  - Electrical and Electronic Engineering

**Anytime**

- **Duration:** 2 years of Scientific University Studies ECTS

**Type:** 3 curriculums

### PhD Program in Electronic and Computer Engineering

#### Topics:

- Automatic Control
- Mechatronics
- Computer Engineering
- Electromagnetic Engineering
- Electronics
- Power Electronics and Electrical Drives

**Admission to a PhD program**

### PhD Program in Industrial Engineering

#### Topics:

- Solar Energy
- Carbon Dioxide
- Smart Grids
- Software reforestation
- Model based future
- Diagnosis
- Solar energy for traction
- Power Electronic Converters
- Control
- Solar Cell Catalysts

**Admission to a PhD program**

### PhD Program in Civil Engineering and Architecture

#### Topics:

- Building technologies
- Building materials
- Geotechnics
- Urban planning

**Admission to a PhD program**

---

**Enrollment in a PhD**

- **University:**
  - [Engineering and Land Engineering](http://dipartimenti.unica.it/ingegneriacivileambientalearchitettura/)
  - [Chemical Engineering](http://dipartimenti.unica.it/ingegneriaindustriale/)
  - [Biomedical Engineering](http://dipartimenti.unica.it/ingegneriarchitettura/)
  - [Mechanical Engineering](http://dipartimenti.unica.it/ingegneriaelettricaedelettronica/)
  - [Electrical Engineering](http://dipartimenti.unica.it/ingegneriaenergetica/)
  - [Computer Science](http://dipartimenti.unica.it/ingegneriainformatica/)

**Contact Information:**

- Please contact the coordinator of the PhD program for further information.

---

**Please visit the web site of the department of civil and environmental engineering, and architecture**

- [http://dipartimenti.unica.it/ingegneriaambiente/](http://dipartimenti.unica.it/ingegneriaambiente/)
### International PhD Program in Innovation Sciences and Technologies

**PhD title in Science, Technology, Engineering fields.**

#### Staff:
- **(3 months)**
  - The period will be agreed with the international staff of UNICA.

#### Post-doc:
- **up to 9 months**
  - The period will be agreed with the faculty member responsible of the research topic.

#### ERSTECHING:
- You can refer to the research topics listed for the doctoral "sandwich" exchange program.

#### Staff:
- **(3 months)**
  - The period will be agreed with the international staff of UNICA.

**Enrollment is a PhD program**

Please visit the web sites of the three departments of the faculty of engineering and architecture, and the web sites of the PhD programs to find out more about the research activities.

- Department of civil and environmental engineering, and architecture
  - [http://dipartimenti.unica.it/ingegneriacivileambientalearchitettura/](http://dipartimenti.unica.it/ingegneriacivileambientalearchitettura/)

- Department of mechanical and chemical engineering, and materials
  - [http://dipartimenti.unica.it/ingegnerimeccanicachimicaedeimateriali/](http://dipartimenti.unica.it/ingegnerimeccanicachimicaedeimateriali/)

- Department of electrical and electronic engineering
  - [http://dipartimenti.unica.it/ingegneriaelettricaedelettronica/](http://dipartimenti.unica.it/ingegneriaelettricaedelettronica/)

**PhD Program in Innovation Sciences and Technologies**