

University of L'Aquila (Italy)

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L'Aquila: information



- ✓ Distance L'Aquila-Rome 1 hour
- ✓ Elevation 714 m
- ✓ Area 466 km²
- ✓ Population
 - Total 69368
 - Density 135/km²

L'Aquila: history



The city construction was begun by Frederick II, Holy Roman Emperor and King of Sicily, as a bulwark against the power of the papacy. The construction was completed in 1254 under Frederick's son, Conrad IV of Germany. It quickly became the second city of the kingdom of Naples.



Downtown L'Aquila: some photos



University of L'Aquila: history



- ✓ The second half of the 15th century represents the most flourishing period in the economy of L'Aquila. In 1456 King Ferrante of Aragon gave his *placet* for the establishment of a *Studium* equivalent to those already existing in Bologna, Siena and Perugia. L'Aquila was a university town in the Middle Ages (from 1763), but its university was suppressed by the fascist government. The university was instituted again after the Second World War.



University of L'Aquila

- ✓ The University of L'Aquila has a Faculty which includes more than 600 professors and 25,000 students belonging to 9 Schools. Each of these Schools includes a number of Study Courses where the process of study is conducted in three main academic stages:
 - ✓ the B.Sc. - Bachelor of Science (in Italy called “Laurea”): a 3-years first degree providing general scientific contents and methods as well as specific professional skills;
 - ✓ the M.Sc. - Master of Science (in Italy called “Laurea Specialistica”): a 2-years higher degree providing high qualification in specific fields;
 - ✓ the Ph.D. – Doctoral Program (in Italy called “Dottorato di Ricerca”): 3-years of training and research activity, following the Master of Science.

University of L'Aquila

- ✓ Education activities, courses, and exams are divided in semesters: from September to December and from February to June.
- ✓ The University of L'Aquila has over 50 Bachelor of Science, over 40 Master of Science, over 15 Ph.D. – Doctoral Program, providing a wide range of choices maintaining, at the same time, its peculiarity of a University on a student scale.





Engineering School

✓ Students	8000
✓ Professors	170
✓ Campus Elevation	1000 m


✓ Courses	
- <u>Bachelor of Science</u>	10
- <u>Master of Science</u>	14
- <u>Ph.D. – Doctoral Program</u>	5



B.Sc. Courses of interest

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- ✓ Environmental and Land Planning Engineering
 - ✓ Civil Engineering
 - ✓ Management and Industrial Engineering
 - ✓ Chemical Engineering
 - ✓ Electrical Engineering
 - ✓ Mechanical Engineering
 - ✓ Agro-Industrial Engineering
 - ✓ Computer Science and Automation Engineering
 - ✓ Electronics Engineering
 - ✓ Telecommunications Engineering
 - ✓ Computer Science
 - ✓ Mathematics
 - ✓ Materials Science
 - ✓ Physics

M.Sc. Courses of interest

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- ✓ Environmental and Land Planning Engineering
 - ✓ Civil Engineering
 - ✓ Management and Industrial Engineering
 - ✓ Chemical Engineering
 - ✓ Bio-technological Engineering
 - ✓ Electrical Engineering
 - ✓ Mechanical Engineering
 - ✓ Computer Science and Automation Engineering
 - ✓ Electronics Engineering
 - ✓ Telecommunications Engineering
 - ✓ Building Engineering/Architecture
 - ✓ Mathematical Engineering
 - ✓ Computer Science
 - ✓ Mathematics
 - ✓ Materials Science
 - ✓ Physics

Master of Science on *Mathematical Engineering* (two years)

List of Specializations 2007/08

- Computational mechanics
- Renewable energetic sources
- International (double diploma)

Specialization: International

List of courses in the last year

- ✓ Applied functional analysis in engineering
- ✓ Mathematical modeling in engineering
- ✓ Stochastic mechanics
- ✓ Dynamical systems and stability of structures
- ✓ Mechanics of solids and materials
- ✓ Analysis of continuous flow systems

Master of Science on *Mathematical Engineering* (two years)

Provisional List of Specializations 2008/09

- Computational mechanics
- Mathematical modeling in biomedicine
- Micro and Nanotechnology
- Renewable energetic sources
- International (double diploma)



Hope to see you
soon in L'Aquila!



For any question, please send
me an e-mail: rubino@univaq.it

