Statistics

In 2008, the 35,3% of graduates in Computer Science at UNICAM carried on with the Master of Science (M.Sc.) Degree Course in Computer Science.
The 61,76% of graduates found work in less than four months in the following areas:

4.8%	in trade
4.8%	in transport, advertising, communication
23.8%	in counseling
23.8%	in informatics companies
9.5%	in service companies
4.8%	in public administration
14.3%	in education and research
4.8%	in health
4.8%	in other services

From AlmaLaurea (2009)

Highlights

Access

Applicants must have a diploma from secondary school or any other school certificate obtained abroad and recognized as suitable.

Entry knowledge verification

All undergraduates enrolling on the Degree Course in Computer Science will take a non-selective entrance test, with the purpose to orient students through foundation courses, aimed at bridging possible gaps.
Acclimatization meetings, before of foundation courses, will be provided for new undergraduate students.
The entrance test does not invalid the enrolment, since it is not a programmed number access test.
A complementary English course will be available for those students without the minimum basic knowledge.

Useful information

For enrolment and any information about your academic career, contact the **Enrolment and Information Office of the School of Science and Technology**
via Pieragostini - 62032 Camerino
tel. +39 0737 637336 - segreteriastudenti.scienze@unicam.it

UNICAM Nucleo ideazione e realizzazione grafica, luglio 2010 - stampa Arte Lito Camerino

Any information about curriculum, office schedules, enrolment procedures, available grants and other opportunities can be found in the **Student Handbook**, published at:
http://web.unicam.it/students/guida_studente.asp

Acclimatization meetings for freshers

For any information about
_Acclimatization meetings
_Entrance test
_Foundation courses

visit: www.unicam.it

Student Service and Internazionalisation
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Student Service and Internazionalisation
Advisory Area

Science and Technology

Undergraduate Degree Course in

Computer Science

Information Technology

L-31
time 3 years
centre UNICAM **Camerino**

Undergraduate Degree Course in

Computer Science

Informatics in Industry

L-31
time 3 years
centre UNICAM **Ascoli Piceno**

AFAQ ISO 9001 2000

GRIN Gruppo di Informatica 2009

academic year 2010 2011

Degree course overview

There is no social area where Computer Science is not present. In services, industry, trade and in our homes, we are surrounded by devices, most of which are controlled by software. Even in critical areas such as health, transport, safety, our lives strictly depend on software. UNICAM offers the possibility to choose between two different curricula in Computer Science.

Information Technology, provided at Camerino, is aimed at acquiring knowledge and skills to produce quality software. Lessons, provided in a modern structure equipped with laboratories, wireless networks, bright and wide classrooms, as well as a daily and direct contact with valid teachers will help you to learn and to deal with the development of new technologies.

Informatics in Industry, provided at Ascoli Piceno, is aimed at acquiring knowledge and skills for designing and developing software systems for automation of industrial processes and embedded systems. Thanks to the support of appropriate mathematical skills and specific lessons, you will acquire the abilities to be rapidly incorporated into the design and management activities of industrial processes, as well as the basic skills that every graduate in Computer Science must have.

And after graduation?

After obtaining the Degree in Computer Science, graduates are eligible to be on the Italian junior Engineering register and to work as freelances in many production areas.
Graduates coming from the *Information Technology* curriculum can work in different areas: software analysis, coding and maintenance, design and management of IT systems and databases, management of computing processes and innovation in business management, design and development of business networks and Web Services, information management within one company and from one company to another.
Graduates coming from the *Informatics for Industry* curriculum can be employed in the following areas: design and management of embedded systems and automatic control systems, design and development of computer networks, industrial automation and embedded systems.
Graduates which aim at specializing in a specific sector may also subscribe to the Master of Science (M.Sc.) Degree Course in Computer Science at UNICAM.

What do you study?

Both curricula include fundamental notions of Computer Science, Mathematics and Logic, which are necessary for a good design and implementation of software systems.

Computer Science

3 years

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Fundamental course activities are organized in a theoretical and a laboratory module, for a total of 12 ECTS (European Credit Transfer and Accumulation System), according to national quality rules established by GRIN (Gruppo di INformatica). Specific activities for the control system project and management in industrial environments are planned to complete the *Informatics in Industry* curriculum.
Both curricula include an internship in affiliated companies. Furthermore, UNICAM encourages international mobility both to universities within Erasmus Programme and to universities where an international cooperation agreement is available.
Students complete their curriculum with 12 ECTS, to be chosen on a wide range of activities, and a final exam.
The following tables show how ECTS are distributed within the teaching activities characterizing both curricula.

Information Technology
centre UNICAM **Camerino**

1st year	ETCS
Computer programming+Lab	12
Foundations of Computer Science	6
Physics	6
Mathematics	12
Logic	6
Computer architecture+Lab	12
English	6
2nd year	
Algorithms and data structures+Lab	12
Mathematical programming	12
Project management	6
Operating systems+Lab	12
Databases+Lab	12
Probability and statistics	6
3rd year	
Software engineering +Lab	12
Computer networks+Lab	12
Law and new technologies	6
Free choice option	12
Placement	12
Final exam	6

Informatics in Industry
centre UNICAM **Ascoli Piceno**

1st year	ETCS
Computer programming+Lab	12
Foundations of Computer Science	6
Physics I	6
Calculus I	12
Informatics tools	6
Computer architecture+Lab	12
English	6
2nd year	
Algorithms and data structures+Lab	12
Calculus II	12
Physics II	6
Operating systems and networks	12
Databases	6
Foundations and automatic control	12
3rd year	
Software engineering +Lab	12
Design and computational methods Lab	12
Modeling and simulation	6
Free choice option	12
Placement	12
Final exam	6