School of Pharmacy

Five-Year Degree Program in Pharmaceutical Chemistry and Technology

(Class LM /13)

STUDENT GUIDE

Degree program length: 5 years
Total number of credits to acquire: 300

Location:
Camerino, Italy
Address: P.zza Costanti

Academic Year 2010-2011

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2. *Presentation*

The five-year degree program in Pharmaceutical Chemistry and Technology ("laurea magistrale:" the Italian system has a three-year undergraduate degree, the "laurea triennale" and a two-year graduate degree, the "laurea magistrale." In the case of CTF, there is a single course of studies, lasting five years, which leads to this graduate degree.) prepares graduates with the scientific foundation necessary to work principally in the pharmaceutical, food, and health products industries.
The five-year degree program in Pharmaceutical Chemistry and Technology provides advanced theoretical and practical preparation in every sector of the multidisciplinary process that, beginning with design of potentially active molecules, leads to synthesis, experimentation, registration, production, control, and introduction to the pharmaceutical market according to the regulations of the Italian and European Pharmacopeias.
Thus, graduates of this degree program will play a key role in the pharmaceutical industry in research, production, and quality control of drugs.
Graduates are also qualified to work as pharmacists, according to the European Union directive 85/432/CEE.
The curriculum of this degree program respects the directives of the European Union, which sets the terms for recognition of degrees in the Union. The curriculum requires practical laboratory activities in the specific discipline sectors, external activities such as formative apprenticeships at public and private structures, as well as study abroad programs according to international agreements or conventions established by UNICAM. Graduates in the five-year degree program in Pharmaceutical Chemistry and Technology must have mastery in writing and speaking of at least one foreign language, in addition to Italian.
In line with European Union directives, the five-year degree program in Pharmaceutical Chemistry and Technology comprises at least six months of professional apprenticeship at a pharmacy open to the public, or in a hospital, under the supervision of the pharmaceutical service, for no less than 30 CFUs (credit hours).
The *Alma Laurea* survey for 2009 reports that a full 85% of UNICAM graduates in Pharmaceutical Chemistry and Technology find work within a year of graduating.

3. *Objectives of the degree program and methods for verifying their achievement*

The primary objective of the five-year degree program in Pharmaceutical Chemistry and Technology is to prepares graduates with the scientific foundation necessary to work principally in the pharmaceutical, food, and health products industries.
In particular, the five-year degree program in Pharmaceutical Chemistry and Technology provides advanced theoretical and practical preparation in every sector of the multidisciplinary process that, beginning with design of potentially active molecules, leads to synthesis, experimentation, registration, production, control, and introduction to the pharmaceutical market according to the regulations of the Italian and European Pharmacopeias.
Graduates possess the formation necessary to work in laboratories of the national health service and other settings to determine the percentage of a substance in drugs and their metabolites, for purposes of clinical monitoring.

At the end of the formative process, the graduate in Pharmaceutical Chemistry and Technology is trained to:

- carry out activities of research, production, and quality control of drugs, foods, diagnostic products and health products;
- understand the structure and activity of drugs in relation to their interaction with biomolecules on the cellular and systematic level, and carry out activities connected with the preparation, quality control, and dispensing of medicines;
- ascertain that medicines and health products meet requisites for safety, quality, and efficacy demanded by OMS regulations and national and European directives;
- work in the healthcare field, on the basis of multidisciplinary scientific and technological knowledge (chemical, biological, pharmaceutical, pharmacological, toxicological, legislative and ethical), contributing to achieving objectives established by the national health service in response to the changing healthcare needs of society.

In addition, graduates have:

- solid preparation in mathematics, computer science, physics and chemistry, to afford a scientific approach to problem solving;
- good knowledg of plant and animal structures, and in particular of the morphology of the human body in relation to anatomical and medical terminology;
- elements of microbiology useful in understanding infective pathologies, their treatment and microbiological tests;
- notions of molecular and cellular pathology useful for understanding the etiopathogenesis of human diseases and useful knowledge on the names of diseases and medical terminology;
- in-depth knowledge of chemical and biological characteristics necessary for designing new biologically active molecules; ;
- the ability to apply chemical and pharmaceutical scientific knowledge acquired to the synthesis of new active ingredients;
- the ability to evaluate pharmacological, pharmacotherapeutic, phytotherapeutic and toxicological aspects for a complete understanding of drugs and aspects related to their administration, action, and toxicity;
- the ability to develop and apply protocols for quality control of drugs and health products, in particular nutraceuticals, even in complex matrices;

- the ability to apply scientific and technological knowledge to the preparation and quality control of pharmaceutical formulations;
- knowledge of national and international legislation useful for bringing to the market raw materials, medicines and health products;
- knowledge in the sectors of biotechnology, food, dietetics, cosmetics, and diagnostics, with in depth knowledge of advanced technologies of production of drugs and health products;
- good knowledge of spoken and written English, especially in consideration of the fact that these skills broaden graduates' job opportunities in the European Union;
- excellent professional skills, developed through an obligatory full time apprenticeship (six hours a day of pharmaceutical practice) of at least 36 hours a week and at least 6 months (to be done during the fourth or fifth year or as a "fuori corso" student, at a pharmacy open to the public or a hospital pharmacy in Italy.

The graduate in the five-year degree program in Pharmaceutical Chemistry and Technology is prepared to sit the national boards for the licence to work as a Pharmacist and the examination for admission to section A of the register of Chemists, in line with D.P.R. 5.6.2001 n. 328.

4. Admission Requirements (D.M. 270/04)

For acceptance into the five-year degree program in Pharmaceutical Chemistry and Technology, applicants must have a three-year university degree or an acceptable degree from a foreign university.
According to current legislation, the University establishes for each "laurea magistrale" specific criteria for admission, which include curricular requisites and adequate personal preparation attested to by the universities, with modality defined in didactic regulations.
Enrolment in the "laurea magistrale" is permissible even once the academic year has started, as long as it is in time for participation in the lessons, according to terms established in the regulations.

While the knowledge necessary to pass the national high school exit examination is deemed necessary and sufficient, admission to the degree program in Pharmacy also requires an entrance test to identify any lacunae in the student's preparation and direct him or her to the appropriate university-provided courses and tutoring services to resolve the deficits.
The courses are held before the beginning of lessons, while the tutoring courses are held in pre-established periods during the academic year. The schedule is published at School President's Secretariat (Segreteria di Presidenza della Scuola).

5. Occupational opportunities

Graduates in Pharmaceutical Chemistry and Technology have a complete cultural preparation in the sphere of pharmaceuticals and the vast range of health-related products such as foods, dietetic products, cosmetics and medical-surgical aids, affording them numerous professional opportunities.
These graduates can work in various sectors of the pharmaceutical, food, biotechnological, cosmetics and parapharmaceutical industries. In particular, the degree prepares students for the following professional activities:
expert in drug research and development in industry and public and private research entities;
expert in the production of raw materials and finished pharmaceutical forms;
expert in quality control of drugs, food, and health products.
Other sectors of considerable interest for the CTF graduate are those of pharmaceutical patenting, drug documentation and registration, marketing, direction of production facilities for galenics and cosmetics. On the basis of European Union regulations, the CTF graduate can be certified for the function of technical director of pharmaceutical production.
In addition, once enrolled in the appropriate professional register, graduates in Pharmaceutical Chemistry and Technology can carry out all the professional activities detailed in directive n. 85/432/CEE. In particular, they can work as Pharmacists in private or public community pharmacies as collaborators, directors or owners.
Also, they can work in hospital structures or Italian national healthcare structures. To work as level I or II directors, however, the specialization degree is necessary. CTF graduates can also find work as pharmaceutical representatives.
Entry into the world of work is considerably facilitated for CTF graduates by the fact that they can gain membership in both the Order of Pharmacists and the Order of Chemists.

6. Organization

Before starting the curricular courses, all first year students have the opportunity to participate in the orientation days that UNICAM organizes each year in early October (see the UNICAM web site for more information). The initiative serves to facilitate the new students' entrance into university life and to provide them with useful tools for facing their university studies without problems and for taking advantage of the services the University offers all students.

Curricular formation activities (or lessons) of the five-year degree program in Pharmaceutical Chemistry and Technology are articulated in 5 academic years, each divided into two semesters. The first semester begins on October 4, 2010, and ends on January 28, 2011. The second semester begins on febbruary 28 2011 and ends on June 10, 2011.

The complete program of studies for the five-year degree ("laurea magistrale") in Pharmaceutical Chemistry and Technology:

First Year

First Semester

Name of the activity	SSD	CFU *	Module*	Typology *	Typology of evaluation (score or pass/fail)
PHYSICS AND ELEMENTS OF COMPUTER SCIENCE	FIS/03 INF/01	7	PHYSICS	A	SCORE
		3	ELEMENTS OF COMPUTER SCIENCE	A	
MATHEMATICS	MAT/05	5		A	SCORE
GENERAL AND INORGANIC CHEMISTRY	CHIM/03	12		A	

Second Semester

Name of the activity	SSD	CFU *	Module*	Typology *	Typology of evaluation (score or pass/fail)
HUMAN ANATOMY AND CELLULAR BIOLOGY	BIO/16	9		A	SCORE
ANALYTIC CHEMISTRY AND METHODOLOGIES OF ANALYSIS OF MEDICINES	CHIM/01 CHIM/08	5	ANALYTIC CHEMISTRY	A	SCORE
		5	METHODOLOGIES OF ANALYSIS OF MEDICINES	B	
ENGLISH	L-LIN/12	6		F=3 E=3	PASS/FAIL

Second Year

First Semester

Name of the activity	SSD	CFU *	Module *	Typology *	Typology of evaluation (score or pass/fail)
ORGANIC CHEMISTRY I	CHIM/06	9		A	SCORE
PHYSICAL CHEMISTRY	CHIM/02	7		A	SCORE
PHYSIOLOGY	BIO/09	7		A	SCORE

Second Semester

Name of the activity	SSD	CFU *	Module *	Typology *	Typology of evaluation (score or pass/fail)
MICROBIOLOGY AND GENERAL PATHOLOGY	MED/07 MED/04	5	MICROBIOLOGY	A	SCORE
		5	GENERAL PATHOLOGY	A	
BIOCHEMISTRY AND APPLIED BIOCHEMISTRY	BIO/10	10		B	SCORE
DRUG ANALYSIS I	CHIM/08	9		B	SCORE

Third Year

First Semester

Name of the activity	SSD	CFU *	Module*	Typology *	Typology of evaluation (score or pass/fail)

PHARMACOLOGY AND PHARMACOTHERAPY I	BIO/14	9		B	SCORE
DRUG ANALYSIS II	CHIM/08	9		B	SCORE
ORGANIC CHEMISTRY II AND PHYSICAL METHODS IN ORGANIC CHEMISTRY	CHIM/08	8	ORGANIC CHEMISTRY II	A	SCORE
		6	PHYSICAL METHODS IN ORGANIC CHEMISTRY	A	
Second Semester					
Name of the activity	SSD	CFU *	Module*	Typology *	Typology of evaluation (score or pass/fail)
PHARMACEUTICAL CHEMISTRY AND TOXICOLOGY I	CHIM/08	9		B	SCORE
MOLECULAR BIOLOGY	BIO/11	7		C	SCORE
PLANT BIOLOGY AND PHARMACOGNOSY	BIO/15	4	PLANT BIOLOGY	B	SCORE
		5	PHARMACOGNOSY	B	

Fourth Year

First Semester					
Name of the activity	SSD	CFU *	Module*	Typology *	Typology of evaluation (score or pass/fail)
PHARMACEUTICAL TECHNOLOGY, SOCIOECONOMICS AND LEGISLATION	CHIM/09	12		B	SCORE
PHARMACOLOGY AND TOXICOLOGY	BIO/14	4	PHARMACOLOGY	B	SCORE
		5	TOXICOLOGY	B	
INDUSTRIAL PRODUCTION OF MEDICINES	CHIM/09	9		B	SCORE
Second Semester					
Name of the activity	SSD	CFU *	Module*	Typology *	Typology of evaluation (score or pass/fail)
PHARMACEUTICAL CHEMISTRY AND TOXICOLOGY II	CHIM/08	9		B	SCORE
ADVANCED METHODOLOGIES IN PHARMACEUTICAL CHEMISTRY	CHIM/08	4	COMPUTATIONAL-BASED DRUG DESIGN	B	SCORE
			LAB. OF METHODOLOGIES OF DRUG SYNTHESIS	B	

Fifth Year

First Semester					
Name of the activity	SSD	CFU*	Module *	Typology *	Typology of evaluation (score or pass/fail)
APPLIED PHARMACEUTICAL CHEMISTRY	CHIM/09	9		B	SCORE
ELECTIVE		8		D	PASS/FAIL
APPRENTICESHIP		30		S	PASS/FAIL
FINAL EXAMINATION		28		E	
RELATED AND SUPPLEMENTARY ACTIVITIES ACCORDING TO ORIENTATION CHOSEN 12 CFU					
BIOPHARMACOLOGICAL ORIENTATION					
IN VIVO PHARMACOLOGICAL METHODOLOGIES AND EXPERIMENTATION OF DRUGS		4		C	TOXICOLOGY
RECOMBINANT TECHNOLOGIES AND POST GENOMIC METHODOLOGIES OF ANALYSIS		4		C	PASS/FAIL

PHARMACEUTICAL BIOTECHNOLOGIES		4		C	TOXICOLOGY
PHARMACEUTICAL CHEMISTRY ORIENTATION					
BIOTECHNOLOGICAL DRUGS		4		C	PASS/FAIL
CHEMISTRY OF DRUGS OF NATURAL ORIGIN		4		C	I TOXICOLOGY
MOLECULAR MODELLING IN THE STUDY OF DRUG TARGETS		4		C	PASS/FAIL
PHARMACEUTICAL TECHNOLOGY ORIENTATION					
PHARMACEUTICAL TECHNOLOGY METHODOLOGIES		4		C	TOXICOLOGY
STATISTICAL EXPERIMENTAL DESIGN APPLIED TO PHARMACEUTICAL TECHNOLOGY		4		C	PASS/FAIL
VEHICLING AND DIRECTING OF BIOTECHNOLOGICAL DRUGS		4		C	PASS/FAIL
FOOD ORIENTATION					
FOOD CHEMISTRY		4		C	PASS/FAIL
CHEMISTRY AND TECHNOLOGY OF DIETETIC PRODUCTS		4		C	PASS/FAIL
ANALYSIS OF POLLUTANTS IN FOOD MATRICES		4		C	PASS/FAIL
Total CFU*		**300**			

*** Legend:**

CFU: is the abbreviation Credito Formativo Universitario (credit hour). It measures the workload required of the student, usually with 1 CFU equivalent to 25 hours of work (this can be personal study or attendance at lessons or laboratories)

Modules: some activities can be divided into modules, which may be taught by different professors, but the activity has one final examination.

Type of activity:

- **A.** basic
- **B.** characteristic of the program of study chosen
- **C.** related or supplementary
- **D.** electives
- **E.** for the final examination and for knowledge of a foreign language
- **F.** other (additional language knowledge, computer science and relational skills, internship, etc.)
- **G.** aggregate for apprenticeship credits

Attendance and examinations for multi-year courses must respect the priority indicated by the number assigned the course.
Students are not allowed to take examinations for the disciplines listed in column **A** until they have passed the examinations listed in column **B.**

A	**B**
Biochemistry	**Human Anatomy – Animal Biology**
Organic Chemistry I **Drug Analysis II**	**General Inorganic Chemistry**
Physical Chemistry *Physics*	**Mathematics** **General and Inorganic Chemistry**
Biochemistry – Molecular Biology *Pharmaceutical Chemistry and Toxicology I*	**Organic Chemistry I**
Physical Methods in Organic Chemistry	**Organic Chemistry I** **Physical Chemistry**
Pharmacology and Pharmacotherapy	**Physiology**
Physiology	**Human Anatomy** **Physics**
Pharmacology and Pharmacotherapy	**Microbiology – General Pathology**
Drug Analysis II *Laboratory of Extractive and Synthetic Preparation of Drugs*	**Organic Chemistry I**

Pharmacology and Toxicology *Plant Biology– Pharmacognosy*	**Pharmacology and Pharmacotherapy**
Pharmaceutical technology, socio-economics and legislation *Applied Pharmaceutical Chemistry*	**Pharmaceutical and Toxicological Chemistry I** **Pharmacology and Pharmacotherapy**

For the other obligatory academic activities and electives, the following order has been established.
Students are not allowed to attend the other obligatory academic activities and electives in column **A** unless they have attended the disciplines indicated alongside in column **B.**

A	**B**
Research and Development of Food Supplements *Recombinant Technologies*	**General and Inorganic Chemistry** **Biochemistry** **Organic Chemistry**
Epidemiology and Prophylaxis of Infectious Diseases	**Microbiology**
Food Chemistry *Chemistry of Dietetic Products*	**Organic Chemistry I**
Methodological Approach of Pharmaceutical Research *Biopharmaceutical Chemistry*	**Pharmaceutical and Toxicological Chemistry I**
Neuropsychopharmacology	**Pharmacology and Pharmacotherapy**
Pharmacologic Biotechnologies	**Pharmacology and Toxicology**
Receptor Chemistry	**Pharmacology and Pharmacotherapy** **Pharmaceutical and Toxicological Chemistry I**

Professors will ascertain that students observe the correct order in attending courses and taking examinations.

Students may take the exams of the third year program only after having passed all the exams of the first year program.

Teachers will ascertain that students have passed all their first year examinations before allowing them to take third year examinations.

Students whose attendance is in good order will take the examinations that assess their mastery of the material taught in a teaching period, at the examination session concluding that period, or in the subsequent sessions, as established in the School Council calendar.

For reasons related to didactics, the School Council may adopt intensive courses, organized in distinct cycles and with final examinations of the individual disciplines taught in the course of the academic year of enrolment.

In the case of in-course assessments of mastery (integrated examinations), the Director forms the examination commissions, nominating the teachers of the courses according to the current regulations.

Students who so request will be registered for a repeat-year, with the following limitations:

a) not more than once in the same year underway;

b) not more than twice in the degree program underway.

All the other University didactic regulations regarding registration remain in force for repeat-year registration as well.

Students who fail to advance in their degree in the time prescribed will be registered as "fuori corso" [outside course]. Students who are registered "fuori corso" include:

a) students who are registered and have attended all the lessons required for the entire course of studies, until they earn their academic degree;

b) students registered for a year of their program of studies, and who have obtained the necessary requisites to register for the subsequent year, but have not requested and obtained this registration.

In order to be allowed to take the graduation examination, the student must have earned 240 credits for the various formative activities (obligatory and optional) and in addition have completed six months of professional apprenticeship.

The thesis entails experimental activity at one of the research laboratories where a professor of the School works, or in other public or private structures with which agreements have been established for this purpose.

The graduation examination entails the public presentation and discussion of an original thesis, written by the student under the guidance of one or more supervising professors, before a commission of professors who will express an evaluation on a scale of 110. The thesis may be prepared and presented in English.
Knowledge of scientific English will be verified by a written examination. Computer Science proficiency is not measured by a conventional examination; the student's competency will be assessed by tests *in itinere*.

Elective activities do not require conventional examinations. The student's mastery of the subject will be assessed by tests *in itinere*.

7. Table of courses and professors

Attachment A of this guide contains tables with detailed information on the courses for academic year 2010-2011 and the names of the professors responsible for these courses. These tables regard

- Students who **began their degree program in 2010 and are in their first year**
- Students who **began their degree program in 2009 and are in their second year**
- Students who **began their degree program in 2008 and are in their third year**

8. Curriculum vitae of the professors, syllabus information for individual courses, and academic facilities

9.

Professors publish their course description and syllabus on the university web site under the heading 'Offerta formativa'.

Here, students can also access the curriculum vitae of the professors and a description of the university's teaching and scientific facilities.

10. Academic support services

• Orientation

Pre-university orientation
Pre-university orientation provides high school students methodologies and information for choosing the most appropriate university degree program for their objectives and abilities. To this end, UNICAM proposes:

- Guided tours of the university and orientation visits for high schools in the Marches Region and other regions
- Internships at UNICAM
- The credits project (educational projects for students in their last two years of high school)
- Knowledge Journeys (educational seminars offered by UNICAM professors at high schools)
- Open doors at UNICAM (orientation days for high school students)
- Open doors at the School (opportunities for future students to gain further information on university course offerings and services)
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Orientation for post-university
There is often a gap between university formation and the world of work the student must enter. In collaboration with the Internship and Placement Service, Orientation for Post-university offers graduates as well as students preparing for graduation spaces for reflection on formative choices supporting professional orientation.
Of particular importance is an initiative called "Giovani + Università = Lavoro" [Young people + University = Jobs], held annually, usually in autumn. University students and recent graduates are invited to this day event hear talks by various professional figures, learn about firms and establish direct contact with them, and meet experts in the world of work, in order to begin defining their own professional aspirations.

• Tutoring

The Tutoring service contributes to the cultural and professional formation of the student, encouraging the student's broad and active participation in the various moments of the university itinerary.
The Tutoring service has the following objectives:

- assist students throughout the entire period of studies
- encourage forms of participation in the formation process
- remove obstacles to formation through initiatives calibrated to individual needs and aptitudes.

The UNICAM Tutoring service offers group and individual tutoring, organizes special courses, and provides specific tutors for working students and for e-learning.

Support Tutor: a student preparing for graduation or a recent graduate in each degree program helps students organize their study and get accustomed to the university environment.
Group tutor: professors meet regularly with students in each degree program in order to together identify and resolve any problems in didactic activity.
Individual tutor: UNICAM assigns a "professor tutor" to each student, responsible for following the student and offering advice throughout the student's years at university, with periodic meetings as well as those requested by the student.
Special courses [tutorato didattico]: Supplementary courses are organized for the basic scientific disciplines (math, chemistry and physics) and for English, to support students in their studies. In cases of serious lacunae in specific subjects, special tutoring is organized to enable students to overcome their difficulties.

Other initiatives:
- Acclimation Days for first year students
- Tutoring Appointments (seminars and workshops by experts on general topics, for university students). The appointments are organized periodically throughout the academic year.

• *Opportunities for study abroad*

UNICAM proposes the following opportunities for international study and apprenticeship:

ERASMUS for study purposes
The program enables students to study abroad for 3 to 12 months, ensuring the opportunity to attend courses, use university structures, and carry out research for the graduation thesis. Examinations done abroad will recognized for credit at the home university, on condition that they have been defined in an appropriate program of study before departure.
Students interested can participate in the annual University competition for Erasmus positions, announced between December and February.

ERASMUS Student Placement (apprenticeships)
Effective academic year 2007/2008, as part of the Erasmus program, it is possible to do a 3-12 month apprenticeship in a firm, research center, or European center of formation, and have the activity recognized by one's home university, as long as it was agreed upon with the respective Erasmus coordinators before beginning the apprenticeship.

Internships and apprenticeships

Strengthening the link between the university world and that of work is one of UNICAM's priorities. To this end, the university organizes moments of encounter and dialogue among students, graduates, professional figures, and firms. In this context, the internship is an important instrument of formation that enables the student, graduating student, or recent graduate to gain practical experience in a true work context. It offers an opportunity for direct knowledge of the world of work and the chance to acquire, in some cases, a specific professional skill. The University of Camerino has agreements with over 1800 firms in which students, graduates and doctoral students can do internships. Internships are available both in Italy and abroad.

Services offered
- Management of a database (Unicam Internships) through which offers for curricular internships in firms or public and private entities are made known
- Activation of post-graduation internships at firms
- Insertion of curriculum vitae of UNICAM graduates in the UnicamJob database
- Activities to support the student's entrance into the world of work
- Membership in the 'Borsa Lavoro' program (a network of online services and open system of encounter between employers and those seeking work via Internet: www.unicam.it/laureati/mondolavoro/index.asp)

• *Services for welcoming disabled students*

This office works to provide equal opportunity to disabled students in facing their studies and the chance to live the university experience fully.

These goals are pursued through activities of consciousness-raising, through technology and staff specifically dedicated to students, and through the elimination of physical and cultural barriers that could block daily university activities.
Contacting the Tutor for Services, it is possible to plan one's educational itinerary taking into consideration the specific disability and individual objectives, defining solutions and personalized interventions.

Assistance and services:

- technological aids and specific academic support
- personalized examinations (entrance examination and course exams)
- specialized tutor
- trasportation and accompaniment
- identification and acquisition of bibliographic material
- exemption and reduction of fees
- specially equipped housing with a possibility of economic assistance for the person accompanying the student
- accessibility to university structures
- psychological consultancy
- accessibility to sport structurs of the University Sports Center (C.U.S.)
- economic assistance for participation in the Socrates or Erasmus programs
- internships or apprenticeships to assist the student to enter into the world of work

11. *Quality assurance system*

The five year Degree Program in Pharmacy is part of the System of Quality Assurance UNICAM Certificate **ISO 9001:2008** (issued by **AFAQ-France,** a French leader and one of the first entities of certification in the world). The System seeks in particular to guarantee students quality in services provided, through a rigorous analysis of the internal organizational processes and prompt removal of serious difficulties encountered or reported by students.
The System of Management for Quality also includes support services for students, such as orientation, tutoring, international mobility, internships and placement, and communication, which integrate and support the didactic activities in order to contribute to the complete formation of the student.

12. *Particular administrative regulations*

Regulations on enrolment, transfers and second degrees:

Students who intend to transfer to UNICAM from other universities must present suitable documentation of having requested transfer by November 5, 2010.

UNICAM will not recognize credits for examinations of students who earned their degree over five solar years before July 15, 2010.

UNICAM does not recognize credits for examinations done by students whose academic enrolment is considered expired.
The "laurea magistrale" or "specialistica" degrees of five years do not accept transfer students who have over five academic years of enrolment from their first university enrolment.

Students from the same degree program of other universities will be enrolled in a year of study appropriate to the number of examinations done in their previous university.

Students registered in the five-year degree program are subject to the laws and regulations regarding university students, for any eventualities not specified in this document.

13. *Other useful information*

For further information or clarification, contact:
– The Registrar of the University of Camerino (Segreterie Studenti) (Via Le Mosse, 69 - tel. 0737 / 404808 - 404807 - 404806), for administrative issues;
– The Secretariat of the Director of the School of Pharmacy (Piazza dei Costanti, - tel. 0737/402455 - 402456 – e-mail: scuola.farmaco@unicam.it) for academic and organizational issues.