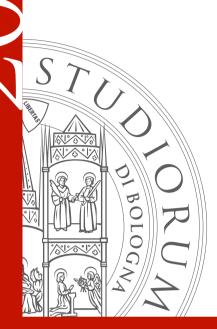


ALMA MATER STUDIORUM Università di Bologna



School of Economics, Management, and Statistics LAUREA MAGISTRALE (SECOND CYCLE DEGREE/TWO YEAR MASTER - 120 ECTS) IN BUSINESS ADMINISTRATION A.Y. 2013/2014 Programme Director Prof. Andrea Lipparini

# REPORT

Study Programme Report Business Administration Programme ex D.M. 270/04 - Code 0897 - Class LM-77 School of Economics, Management, and Statistics Programme Director Prof. Andrea Lipparini

Created in collaboration with Teaching and Learning Administrative Area (AFORM - Area della Formazione) - Quality Assurance Unit

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# WHAT IS THE STUDY PROGRAMME REPORT?

### What is the Study Programme Report?

The Study Programme Report provides updated information which is important for the purposes of Quality Assurance and is published annually by the University of Bologna.

The main aspects of the teaching programme are described in detail, with a view to assuring the principle of transparency and promoting self-assessment and continuous improvement processes.

The document provides a concrete overview of the features and results of the Study Programme for students, families, employers and so on.

For example, regarding the current issue of employment, it describes the learning outcomes and career opportunities; it also includes statistics on the percentage of employed graduates (D.4. Employment situation). The document is organised into five sections and a glossary:

A. Presentation and prospects

Key information on the Study Programme, including the expected learning outcomes, career opportunities and further studies.

### B. Teaching and Learning

The updated course structure diagram with the full titles and listings of the course units and the latest published lecture timetable.

### C. Resources and services

The list of teaching staff and their relative curricula, the offices (secretariats), services (work placements) and infrastructures (libraries, laboratories) available to students.

### D. The Study Programme in Figures

Key data shows how many students are enrolled, how many have been assigned additional learning requirements, how many drop out after the first year, how many graduate in line with the programme schedule, the opinions of attending and graduating students on the teaching programmes and information concerning graduate employment.

### E. Find out more: the quality of your Study Programme

How the quality system applied to your Study Programme works. The quality system of your Study Programme is a set of processes and responsibilities adopted to guarantee the quality of all Study Programmes at the University of Bologna.

### NOTES:

- Reports are available for all Study Programmes for which it is possible to enrol in the first year in academic year 2012/2013: the information and data provided is as updated as possible.
- Sections A, B and C provide data for the academic year 2012/2013.
- Section D presents data regarding the Study Programmes in the last three academic years.
- The information and data were taken from the University databases and the reports published by the Statistical Observatory of the University of Bologna and AlmaLaurea, and are updated to **15 June 2012**.

# A. PRESENTATION AND PROSPECTS

This section presents the key information concerning the Study Programme, including the expected learning outcomes, career opportunities and further studies, updated to the academic year 2013/2014.

# A.1. PRESENTATION

This paragraph provides information on the specific learning outcomes of the Study Programme and the curriculum.

The 2nd cycle degree programme in Business Administration aims to provide students with the skills required to undertake managerial careers in industrial and tertiary companies and management consulting firms, as well as innovation-oriented medium sized firms. The study programme particularly aims to provide in-depth skills in the managerial areas required to cover top management and executive roles in companies operating internationally, focusing particularly on general management, business unit management, sales, marketing and management control. The programme also paves the way for business consulting profiles.

The study programme focuses particularly on business subjects. These areas are accompanied by quantitative knowledge to identify and process data for business decision-making, economic knowledge for problem solving (in the programme delivered in Italian) and international economics (for the programme delivered in English), legal skills in the field of international commercial law (Italian programme) and the regulation of international markets (English programme).

The study programme firstly provides the essential skills in mathematics, statistics, economics and law, then moves on to business economics methods.

In both programmes, studies cover in particular international accounting principles, international distribution and marketing policies, corporate strategy, internationalisation, entrepreneurialism, extraordinary financial operations. The Italian programme focuses

particularly on the issue of organisational behaviour, technology innovation and management, while the English programme places even more emphasis on internationalisation, focusing on international supply chains and new markets.

Internships in businesses or management consulting firms are possible during the study programme, which ends with the production of an original written dissertation to demonstrate the ability for critical analysis.

# A.2. ADMISSION REQUIREMENTS

This paragraph provides information on the knowledge required for admission to the Study Programme.

Profitable attendance of the programme is subject to the possession of prior knowledge of business and mathematics subjects. Access to the 2nd cycle degree programme in Business Administration is subject to the possession of a three year degree in any class, or a degree obtained under the previous four-year degree programme system, or other suitable qualification obtained abroad. The degree programme is open to a fixed number students in relation to the available resources. The number of admitted students and the selection methods are published annually in the relative call for applications.

During the selection process, candidates will also be assessed on their personal academic preparation. For this purpose, they must obtain the minimum score laid down in the call for applications.

# A.3. LEARNING OUTCOMES

This paragraph provides information on the knowledge and skills students will have acquired by the end of the Programme.

### KNOWLEDGE AND UNDERSTANDING ABILITY:

Graduates:

- will possess in-depth fundamental corporate management knowledge and understand business organisation and governance processes;

- will have theoretical and applicative knowledge of external growth strategies of corporations and governance mechanisms, particularly as regards decisions regarding diversification, internationalisation and buying;

- will have a sound background in economic competition, particularly as regards the evolution of international economics;

- will have a sound background in international market regulation for the programme in English as well as corporate strategies regarding external growth such as buying and joint ventures;

- will have knowledge of the tools required for understanding international accounting, and will possess skills for managing accounting tools for corporation groups, both listed and unlisted, using current general business administration procedures, and will possess a sound cost analysis methodology for strategic corporate management;

- will have knowledge of the main assessment methods of corporations and the principal operations of M&A financing;

- will be knowledgeable about the conceptual and operating elements necessary for setting up a new business or developing new ventures within consolidated businesses.

The knowledge and understanding abilities above are achieved by lectures, practical activities and seminars, as well as supervised and self-directed home study as required within the course, in particular in the core curriculum subjects areas: IUS/04 Commercial

Law, IUS/05 Law and Economics, SECS-P/01 Political Economy, SECS-S/03 Statistics for Economics, SECS-P/07 Business Administration, SECS-P/08 Corporate Finance, SECS-P/09 Financial Management, SECS-P/03 Finance. Assessment is accomplished mainly through written and oral examinations.

### ABILITY TO APPLY KNOWLEDGE AND TO UNDERSTAND:

Graduates:

- will be able to use quantitative models that ensure a systematic approach required for solving business problems;

- will be able to apply data analysis techniques to business decisions;

- will have in-depth knowledge and possess the necessary skills for building and managing a supply chain, also using foreign suppliers, and will have in-depth knowledge of problems regarding project management;

- will possess team-working skills;

- will be able to carry out research on selected topics and will have a sound working knowledge of the topics dealt with.

The ability to apply the knowledge and understanding listed above is achieved by means of critical consideration of the proposed reading texts for home study, research case studies and applications explained in lectures, particularly with regards to the course units of the core curriculum subjects areas of SECS-P/07 Business Administration, SECS-P/08 Corporate Finance, SECS-P/09 Financial Management, as well as during a possible internship and preparation for the final dissertation.

The assessment (written and oral exams, reports, practical activities) requires specific tasks to be completed in which students demonstrate proficiency in tools, methodologies and judgement skills. The internship is assessed by means of the presentation of a report by students and an in-company tutor.

### JUDGEMENT SKILLS:

Graduates:

- will be able to select the approach and tools necessary for handling problems that businesses must face in terms of their own marketing and distribution policies at international level.

Judgement skills are developed above all in practical activities, seminars, and assignments in particular in the course units of IUS/05 Law and Economics, SECS-P/01 Political Economy, SECS-P/03 Finance, SECS-P/07 Business Administration, SECS-P/08 Corporate Finance, SECS-P/09 Financial Management, as well as during a possible internship and through the activity carried out in preparation for the final dissertation.

Assessment is accomplished through the evaluation of the level of independence and working ability, also when working within a group, during the practical assignments set throughout the programme and the activities performed for the final dissertation and during internships.

### COMMUNICATION SKILLS:

Graduates:

- will be able to effectively present, both in writing and orally, conclusions on studies and analyses, communicating in a way which is suitable to different audiences.

Communication skills are developed particularly during course units that require the oral presentation of written reports. The skills above are further developed during internships and the activities students must undertake while preparing the final dissertation and its discussion.

English is taught during a specific course unit which is followed by a pass/fail language test.

### LEARNING SKILLS:

Graduates:

- will be able to study in-depth topics related to entrepreneurship, both in the development of new businesses and new activities within large organisations.

The learning abilities are a result of the entire period of study, acquired through the required home study, the assignment of individual projects as well as by means of the preparation of the final dissertation.

Learning skills are continuously assessed during the course units which require the presentation of data collected independently, and through an evaluation of the ability for self-learning matured in the preparation of the final dissertation.

# A.4. CAREER OPPORTUNITIES

This paragraph provides information on the occupational profile, functions and fields of employment available to graduates of this Programme.

Graduates may fill the following professional roles and relative functions in the listed fields of employment:

Company Manager/Director

Functions:

- oversees the top management of a single-business or diversified company and its single functions; in particular dealing with strategic analysis, sales, marketing, human resources management, strategic control;

- coordinates teams of experts and technicians in charge of promotion activities for the development and positioning of goods and services in the market;

- implements company sales policies;

- intervenes in all company processes, with all-round competency for business management;

- supervises and monitors the company management, presenting different solutions to the demands of the strategic top management; - ensures the coherence of expenditure and budgets, calculating economic convenience, analysing deviations, producing budgets and reports.

Career opportunities:

- industrial, tertiary and management consulting firms;

- medium sized companies driven by innovation;

- companies working internationally, particularly in the general management, the management of business units, sales, marketing,

management control;

- business consulting firms.

# A.5. OPINION OF SOCIAL PARTNERS AND POTENTIAL EMPLOYERS

This paragraph describes the outcome of the consultation with the representative employment and trade organisations.

This information is not available in English at this time.

# A.6. FURTHER STUDIES

It gives access to third cycle studies ( Dottorato di ricerca/Scuole di specializzazione) and master universitario di secondo livello.

# **B. TEACHING AND LEARNING**

This section describes the updated course structure diagram (for academic year 2013/2014), with the full titles and listings of the course units and the latest published lecture timetable.

# **B.1. COURSE STRUCTURE DIAGRAM**

The link takes you to the Study Programme course structure diagrams. You can also access to each course unit content.

• Study plan: all course units in the programme

# **B.2. CALENDAR AND LECTURE TIMETABLE**

The links take you to the teaching calendar (exam session and final examination session) and the lecture timetable (in Italian).

- Lecture timetable
- Exam sessions
- Final examination sessions

# C. RESOURCES AND SERVICES

This section provides a list of teaching staff and their relative curricula and and description of the services available to students for the academic year 2013/2014.

# C.1. TEACHERS

The paragraph lists the lecturers who teach in the Study Programme: from here you can access the personal web pages of each one (in Italian). Information updated to 28 May 2013 (in Italian).

### Permanent teaching staff:

Bajo, Emanuele	Colucci, Mari
Bergami, Massimo	Ferriani, Simo
Bigelli, Marco	Franzoni, Lu
Bonini Baraldi, Sara	Guthrie, Jamo
Camillo, Furio	Lamandini, N
Caruana, Albert	Lipparini, An
Ceré, Mauro	Mattei, Marco

### Contract teaching staff:

Amadesi, Laura Angelillo, Antonio Ciabuschi, Francesco Lanzolla, Gianvito Montanari, Lisa Peek, Erik Weinberg, Caren Helene riachiara M none M nigi Alberto M nes O Marco O ndrea Pa co Maria Pa

Mengoli, Stefano Minerva, Gaetano Alfredo Montaguti, Elisa Odorici, Vincenza Orelli, Rebecca Levy Paletta, Angelo Pastorello, Sergio Roversi Monaco, Maria Giulia Sandri, Sandro Tassinari, Giorgio Valentini, Sara Visentin, Marco Zanigni, Massimiliano

# C.2. STUDENT SERVICES: OFFICES

### **C.2.1. FUTURE STUDENTS**

The link take you to the webpage which provides specific information about the offices and the services for the future students (in italian).

• Future students

### C.2.2. ENROLLED STUDENTS

The link take you to the webpage which provides specific information about the offices and the services for the enrolled students (in italian).

• Enrolled students

### **C.2.3. INTERNATIONAL STUDENTS**

The links take you to the reference Work Placement and International Relations office for the Study Programme, where available.

• International students

### C.2.4. GRADUATES

• Graduates

# D. THE STUDY PROGRAMME IN FIGURES

Information on students' starting their university careers, how many students are in line with the regular programme, opinions of students and graduates on the teaching programmes and information concerning graduate employment.

This section provides the data of the last academic years for the Study Programme (SP) and a comparison with similar Study Programmes. The University of Bologna has divided its Study Programmes into four groups:

- BIOMEDICAL group: Study Programmes of the Schools of Pharmacy, Biotechnology and Sport Science; Medicine; Agriculture and Veterinary Medicine
- SCIENTIFIC-TECHNOLOGICAL group: Study Programmes of the Schools of Engineering and Architecture; Sciences
- SOCIAL SCIENCES group: Study Programmes of the Schools of Economics, Management, and Statistics; Law, Political Sciences
- HUMANITIES group: Study Programmes of the Schools of Arts, Humanities, and Cultural Heritage; Foreign Languages and Literatures, Interpreting and Translation; Psychology and Education

The section presents the results of the Study Programme for the last three academic years.

Main data shows how many students enrolled, the number of students assigned OEA, how many drop out after the first year, how many graduate in line with the programme schedule, the opinions of attending and graduating students on the teaching programmes and information concerning graduate employment. The information and data presented in this section, updated to 28 May 2013, were taken from University databases and AlmaLaurea.

Study Programmes may be subject to degree programme system modifications from one academic year to the next, and the data provided in this section may refer to a programme with a slightly different system to the one currently running (such as programme title, course structure diagram and list of lecturers). However, indicatively the data presents the general trend of the Study Programme over the past three years.

Most of the Study Programmes running at the University of Bologna have been reformed in compliance with DM 270/04, most of them from the academic year 2008/2009. For this reason for the previous academic years for some information, as opinion of the graduates and employment situation, are provided in the reports of those Programmes, on the paragraph D.5. refers to the Study Programmes as they were presented prior to the reform.

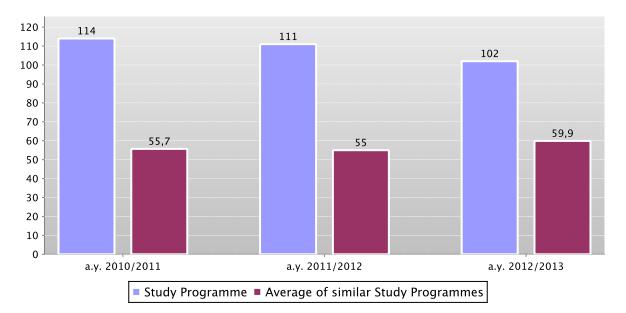
# D.1. STUDENTS STARTING THEIR UNIVERSITY CAREERS

Characteristics of incoming students at the beginning of their study. Tables and graphs provide information on number of enrolled students (new careers), focusing on the characteristics of students and results of any entrance tests.

### D.1.1. ENROLMENTS

The **graph** and the **table** show the number of new careers of the Study Programme compared with the average of similar Study Programmes (which belong to the same group), for the indicated academic years.

New careers



	a.y. 201	0/2011	a.y. 201	1/2012	a.y. 201	2/2013
	New careers	Total N. enrolled students	New careers	Total N. enrolled students	New careers	Total N. enrolled students
Study Programme	114	235	111	244	102	229
Average of similar Study Programmes	55,7	69,6	55	66,9	59,9	67,5

### D.1.2. ADDITIONAL DATA ON STUDENTS' STARTING THEIR UNIVERSITY CAREERS

### D.1.2.1. CANDIDATES REGISTERED FOR THE ENTRANCE EXAM

The number of students sitting the entrance exam for the Study Programme. Concerns the programmes with restricted access. The methods of managing the call for applications and the list of candidates, including the methods for filling any unclaimed places, may vary from year to year.

The **table** shows the number of places available for the study programme, the number of candidates enrolling for the exam, the number sitting the exam and the percentage of students sitting the exam compared to the number of places available.

For all programmes with restricted access, candidates are required to sit an entrance exam and there are a limited number of places available. The entrance exam is a test which is used to draw up a graded list of candidates; students may enrol in the programme according to their place in the list. The methods of managing the call for applications and the list of candidates, including the methods for filling any unclaimed places, may vary from year to year. The test may be specific to a Degree Programme or may be part of a single exam covering several programmes from the same university or from other universities (during the registration the students should indicate their first choice).

The following definitions apply:

**Available places =** the number of places laid down in the call for applications to the Study Programme, or determined by subsequent legal provisions; these exclude any additional places reserved according to special provisions of the programme (e.g. for international study programmes, they do not include places for foreign students selected from other universities; for all programmes with restricted access regulated nationally, these do not include the places reserved for transferring students).

Number of candidates for the exam = number of students registered for the exam indicating the study programme as their first choice;

Number of participants in the exam = number of students participating in the exam indicating the study programme as their first choice;

Number of participants in the exam for every available place = number of students participating in the exam who indicated the study programme as their first choice as a ratio of the number of places available on the programme.

	Number of places available (a)	Candidates registered for the exam	Candidates sitting the exam (b)	Number of candidates sitting the exam per place available (b/a)
a.y. 2010/2011	116	306	214	1,8
a.y. 2011/2012	116	328	308	2,7
a.y. 2012/2013	116	329	301	2,6

### D.1.2.2. INCOMING STUDENTS

Geographic origin, type of 1st cycle degree, age and gender of students.

The data shows a homogeneus group of students (cohort) which started together their academic career.

Students which have passed to an other Study Programme, transferred from an other university, or registered to a 2nd degree are not included.

The **tables** show the number, geographic origin, gender, age, type and grade of 1st cycle degree of students enrolling in the degree programme.

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group), for the indicated academic years.

				Geographic origin					Ger	nder		age age o reer stude	
		New careers	Students coming from the province of the Study Programme site	Students coming from other provinces where Unibo has a site	Students coming from other provinces of Emilia Romagna region	Students coming from other Italian regions	Students coming from abroad	Not available	М	F	22 or less	23 - 24	25 or more
	Study Programme	114	49,1%	10,5%	6,1%	28,1%	6,1%		54,4%	45,6%	46,5%	37,7%	15,8%
Students 2010/2011	Average of similar Study Programmes	55,7	28,7%	17,0%	6,2%	43,2%	4,8%	0,1%	41,9%	58,1%	37,6%	40,9%	21,5%
	Study Programme	111	45,9%	8,1%	5,4%	33,3%	7,2%		55,9%	44,1%	44,1%	39,6%	16,2%
Students 2011/2012	Average of similar Study Programmes	55	26,8%	16,1%	5,5%	44,3%	7,3%		41,5%	58,5%	35,8%	39,8%	24,4%
	Study Programme	102	35,3%	13,7%	6,9%	35,3%	8,8%		58,8%	41,2%	43,1%	40,2%	16,7%
Students 2012/2013	Average of similar Study Programmes	60	24,9%	16,1%	5,7%	45,0%	8,1%	0,3%	42,0%	58,0%	38,2%	39,1%	22,6%

			First Cycl ersity of p			First Cycle De more frequent			Fir	st Cycle I	Degree: gra	ade	
		University of Bologna	Other Italian Universities	Foreign University	Other not defined	Class code and name	% of students	First Cycle Degree grade between 66 and 90	First Cycle Degree grade between 91 and 100	First Cycle Degree grade between 101 and 105	First Cycle Degree grade between 106 and 110	First Cycle Degree grade 110 and honors	First Cycle Degree grade not available
Students	Study Programme	81,6%	11,4%	7,0%		17 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE	78,1%	14,9%	30,7%	25,4%	14,0%	14,9%	
2010/2011	Average of similar Study Programmes	71,4%	22,7%	4,8%	1,2%	17 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE	31,0%	19,1%	28,3%	17,6%	15,7%	16,8%	2,4%
Students	Study Programme	72,1%	17,1%	10,8%		L-18 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE	40,5%	13,5%	36,0%	27,0%	10,8%	12,6%	
2011/2012	Average of similar Study Programmes	63,0%	27,5%	6,4%	3,1%	L-18 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE	14,6%	18,6%	29,4%	19,6%	14,7%	13,8%	4,1%
Students 2012/2013	Study Programme	65,7%	23,5%	9,8%	1,0%	L-18 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE	47,1%	16,7%	41,2%	20,6%	11,8%	8,8%	1,0%
	Average of similar Study Programmes	62,2%	24,9%	6,4%	6,5%	L-18 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE	23,3%	17,6%	31,4%	16,1%	16,5%	11,7%	6,7%

# D.2. REGULARITY OF STUDIES

Insight into the regularity with which the students pass their exams. The graphs and the tables provide information on the number of students who leave the programme between the first and second year and the number of regular graduates, focusing on the number of credits obtained at the end of the first year, on the exams passed and average grade achieved for each course unit.

### D.2.1. STUDENTS LEAVING THE PROGRAMME BETWEEN YEARS 1 AND 2

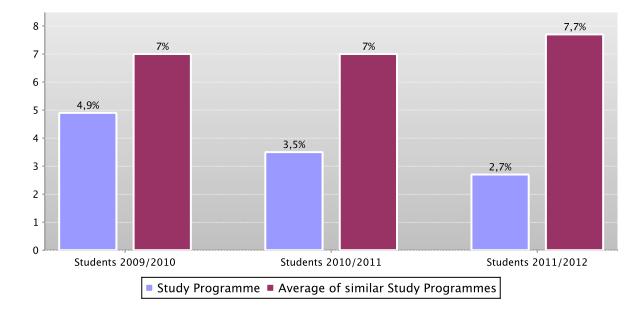
Here the number of students leaving the Study Programme is shown.

The **graph** shows the percentage of students who leave the programme after the first year compared to the average of similar Study Programmes (belonging to the same group).

The **table** shows the registered students (new careers), the percentage of students leaving the programme who pass to a different Study Programme in the same university, transfer to another university or withdraw from studies as well as the enrolled repeating students and those enrolled in the second year.

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group), for students registered (new careers) in the indicated academic years.

Percentage of withdrawals between years 1 and 2



		New careers	% withdrawals	% passages and transfers	% repeating students	Students enrolled in the second year
	Study Programme	102	4,9%	0,0%	0,0%	97
Students 2009/2010	Average of similar Study Programmes	48,6	7,0%	1,3%	0,1%	44,6
	Study Programme	114	3,5%	0,9%	0,0%	109
Students 2010/2011	Average of similar Study Programmes	55,7	7,0%	1,2%	0,5%	50,9
	Study Programme	111	2,7%	1,8%	0,0%	106
Students 2011/2012	Average of similar Study Programmes	55	7,7%	1,0%	0,1%	50,2

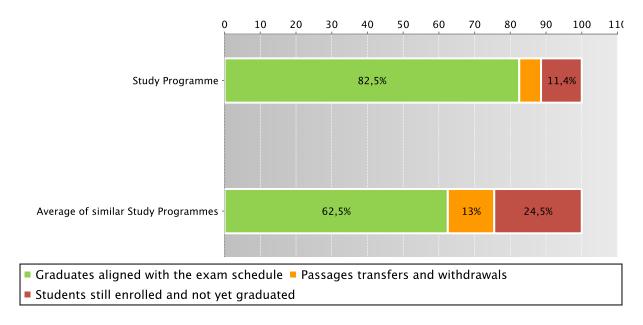
### D.2.2. REGULAR GRADUATES

Here you will find information on regular graduates, on how many students, at the end of the regular programme duration, left the programme and how many are still enrolled but not aligned to the exam schedule.

The **graph** and the **table** show the situation concerning the registered students (new careers) for the indicated academic year, at the end of the regular duration of the Study Programme, highlighting the percentage of regular graduates, the number of students still enrolled (not aligned to the exam schedule and repeating students), students who have left the programme (including passages, transfers and withdrawals).

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group), for students enrolled in the indicated accademic year.

Situation of students 2010/2011 at the end of regular duration of the study programme



		New careers	Regular graduates		0	transfers ndrawals	Students still enrolled and not yet graduated	
			N.	%	N.	%	N.	%
	Study Programme	95	71	74,7%	6	6,3%	18	18,9%
Students 2008/2009	Average of similar Study Programmes	55,4	29,5	53,2%	7,4	13,3%	18,4	33,3%
	Study Programme	102	82	80,4%	6	5,9%	14	13,7%
Students 2009/2010	Average of similar Study Programmes	48,6	27,5	56,6%	6,4	13,1%	14,7	30,3%
	Study Programme	114	94	82,5%	7	6,1%	13	11,4%
Students 2010/2011	Average of similar Study Programmes	55,7	34,9	62,5%	7,3	13,0%	13,6	24,5%

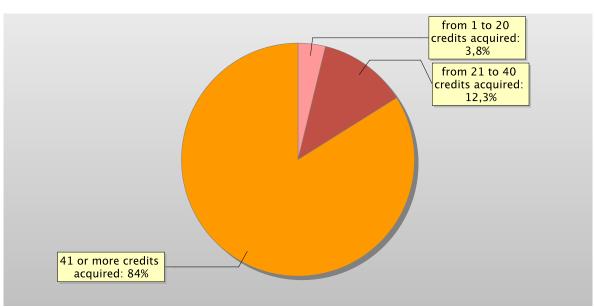
### D.2.3. ADDITIONAL DATA ON REGULARITY OF STUDIES

### D.2.3.1. CREDITS OBTAINED BY STUDENTS IN THE 1ST YEAR

This offers an insight into how regularly students pass their exams.

The **graph** shows the distribution of the students according to the number of credits obtained at the end of the first year. In addition, the **table** shows the number of students registered at the second year and average credits obtained during the first year. The Study Programme data is compared with the average of similar Study Programmes (wich belong to the same group), for students registered in the indicated academic years.

Distribution of the students in 2011/2012 according to the number of credits obtained at the end of the first year\*



	1		r				
				% studer	nts with *		
		Students enrolled in the 2nd year	0 credits acquired	from 1 to 20 credits acquired	from 21 to 40 credits acquired	41 or more credits acquired	Average credits per student
	Study Programme	97		6,2%	11,3%	82,5%	48,6
Students 2009/2010	Average of similar Study Programmes	44,6	3,5%	11,2%	32,5%	52,8%	40,8
	Study Programme	109	0,9%	6,4%	11,9%	80,7%	52
Students 2010/2011	Average of similar Study Programmes	50,9	2,6%	8,7%	30,0%	58,7%	42,7
	Study Programme	106		3,8%	12,3%	84,0%	51,4
Students 2011/2012	Average of similar Study Programmes	50,2	2,8%	7,9%	27,4%	61,9%	44,2

\*Note: by convention, credits are considered to be obtained by students by 31st October of the year following the year of enrolment.

### D.2.3.2. EXAMS PASSED AND AVERAGE GRADE

The **table** shows number of exams passed and average grade achieved for each course unit in the calendar year 2011. Marks for the exams passed are expressed out of thirty.

The data refers to the course unit code and therefore includes the various branches of the programme divided into channels or subgroups, divided by letter.

It considers all subjects for which a grade is assigned, and therefore excludes all those to which a pass/fail score is allocated. The data concerning previous programmes is given in a separate section.

Data of the Study Programme D.M. 270/04 Direzione aziendale (code 0897)

	N. of exams passed	Average grade *
10432 DIRITTO COMMERCIALE INTERNAZIONALE	95	25,4
10529 COMPORTAMENTO ORGANIZZATIVO	80	26,8
23607 PROJECT MANAGEMENT	16	27,8
23719 GESTIONE DELLE IMPRESE INTERNAZIONALI	1	
23731 PROGETTI FINANZIARI PER LA GESTIONE DEGLI APPALTI	1	
24318 FINANZA STRAORDINARIA	72	26,8
25751 INTERNATIONAL ECONOMICS	4	
25752 INTERNATIONAL FINANCE	8	23,9
27598 METODI STATISTICI PER L'ANALISI AZIENDALE	2	
30373 ECONOMICS (I.C.)	40	26,9
30376 BUSINESS INTELLIGENCE	42	29

	N. of exams passed	Average grade *
30380 INTERNATIONAL ACCOUNTING	1	
30383 INTERNATIONAL MARKETING AND DISTRIBUTION (I.C.)	71	27,5
32159 GESTIONE DELLA TECNOLOGIA	91	28,7
32259 IMPRENDITORIALITÀ E STRUMENTI PER LO SVILUPPO DI NUOVE IMPRESE	10	26,2
32552 INTERNATIONAL MARKET REGULATION	38	28
34517 SERVIZI, MARKETING E DISTRIBUZIONE INTERNAZIONALE (C.I.)	75	27,3
34526 SISTEMI DI CONTROLLI INTERNI AZIENDALI (C.I.)	39	27,2
34528 REGOLAMENTAZIONE D'IMPRESA E CONTROLLI INTERNI	5	
34531 STRATEGIA DI CORPORATE E DI INTERNAZIONALIZZAZIONE (C.I.)	32	25,6
34532 INTERNATIONAL STRATEGIC ACCOUNTING (I.C.)	35	26,4
34533 STRATEGIC MANAGEMENT ACCOUNTING	6	27,8
34534 PERFORMANCE MANAGEMENT SYSTEM	5	
34536 CUSTOMER VALUE MANAGEMENT	11	25,8
34537 CORPORATE STRATEGY (I.C.)	35	27,8
34538 DIVERSIFICATION AND ACQUISITION	6	24,3
34539 INTERNATIONAL MANAGEMENT	6	26
34544 CORPORATE FINANCE (I.C.)	40	26,4
34546 INTERNATIONAL CORPORATE GOVERNANCE	7	24,9
34547 RISK MANAGEMENT	1	
34652 INTERNATIONAL MARKETING AND DISTRIBUTION	9	24,3
37373 STATISTICA APPLICATA LM	71	26,9
37388 ENTREPRENEURSHIP	117	26,9
37392 INTERNATIONAL SUPPLY CHAIN MANAGEMENT	28	28,5
37394 FIRM LABORATORY	] 1	
37729 FINANCE LABORATORY	] 1	
39042 BUSINESS TO BUSINESS MARKETING	14	26,7
39050 MANAGEMENT CONSULTING	15	28,5
54991 ECONOMIA (C.I.)	85	26,7

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\* Note: no average grade is given if the number of exams passed is less than or equal to 5.

# D.3. OPINIONS OF GRADUATES AND ATTENDING STUDENTS

Opinions of graduates on the Study Programme.

Tables and graphs provide information on the number of graduates who expressed positive opinions on the Study Programme, focusing on opinions expressed by attending students on course units.

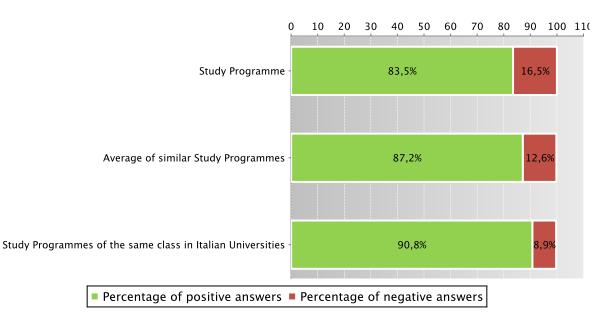
### **D.3.1. OPINION OF GRADUATES**

The graph shows the percentage of graduates (AlmaLaurea survey) who responded positively to the question: "Are you generally satisfied with the Study Programme".

In addition, the **table** shows the percentage of students who answered "Yes, to the same programme at the university" to the question "Would you register again to the university?".

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group), and the average of Study Programmes of the same class of other Italian universities for the graduates of the indicated years.

Graduates in 2012 who responded positively to the question: "Are you generally satisfied with this Study Programme?" *Data of the Study Programme D.M. 270/04 Direzione aziendale (code 0897)* 



Data of the Study Programme D.M. 270/04 Direzione aziendale (code 0897)

		N. graduates	Completed Questionnaires	% of positive answers to the question: "Are you generally satisfied with this Study Programme?"	% of answers "yes to the same Programme in the same University" to the question "Would you register again to the University"
	Study Programme	55	53	92,5%	71,7%
	Average of similar Study Programmes	24,3	22,7	88,8%	73,3%
2010	Study Programmes of the same class in Italian Universities	751	697	93,1%	82,2%
	Study Programme	91	85	95,3%	76,5%
	Average of similar Study Programmes	25,4	23,7	87,6%	70,4%
2011	Study Programmes of the same class in Italian Universities	3582	3385	92,1%	79,2%
	Study Programme	105	103	83,5%	55,3%
	Average of similar Study Programmes	24,4	23,2	87,2%	67,4%
2012	Study Programmes of the same class in Italian Universities	6438	6042	90,8%	77,0%

Symbols:

(\*) The opinions of the Study Programmes with less than 5 graduates are not shown. Further information on Graduates' Profile Report.

### D.3.2 ADDITIONAL DATA ON OPINIONS OF STUDENTS

### D.3.2.1. OPINION OF ATTENDING STUDENTS

The **graph** shows the percentage of attending students who responded positively to the question in the questionnaire: "Are you generally satisfied with this course unit?" in academic year 2011/2012.

The table also shows the number of completed questionnaires.

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group), for the indicated academic years.

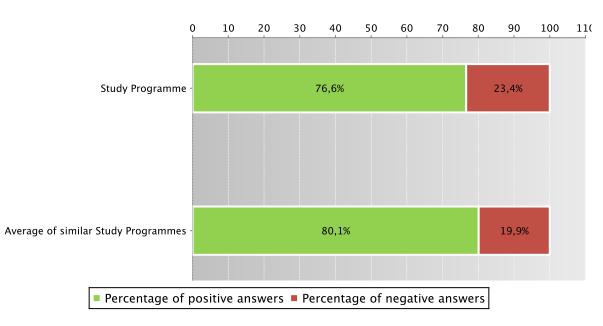
The data concerning the students' opinion refers to the opinions of those attending lessons, whether they are enrolled in the current programme or a Study Programme running under pre-reform regulations (under D.M. 509).

For the University of Bologna the survey and subsequently analysis of the opinions of students attending the course is cared by Aform

- Quality Assurance Department and *Arag* - Support Planning and Evaluation Department. The overall results and the methods of collection and analysis are described in the document published online on the Statistical Observatory of the University of Bologna (see the note in the glossary).

Students who responded positively to the question: "Are you generally satisfied with this course unit?" in academic year 2011/2012

Data of the Study Programme D.M. 270/04 Direzione aziendale (code 0897) and of the Study Programme D.M. 509/99 Direzione aziendale (code 0222)



Data of the Study Programme D.M. 270/04 Direzione aziendale (code 0897) and of the Study Programme D.M. 509/99 Direzione aziendale (code 0222)

		Number of completed questionnaires	% of positive answers concerning the general satisfaction with the course unit – Question 19
	Study Programme	969	81,6%
a.y. 2009/2010	Average of similar Study Programmes	398,8	78,4%
	Study Programme	881	79,5%
a.y. 2010/2011	Average of similar Study Programmes	371,4	78,7%
	Study Programme	1252	76,6%
a.y. 2011/2012	Average of similar Study Programmes	431,5	80,1%

Symbols:

(\*) When there is a small number of questionnaires, the percentage of positive opinions on overall satisfaction is not presented. Further information on Rapporto Opinione degli studenti frequentanti sulle attività didattiche (the content is in Italian).

# D.4. ENTRY INTO THE WORLD OF WORK

Employment situation of graduates of the Study Programme.

Tables and graphs provide information on the employment situation of graduates one year after graduating.

### **D.4.1. EMPLOYMENT SITUATION**

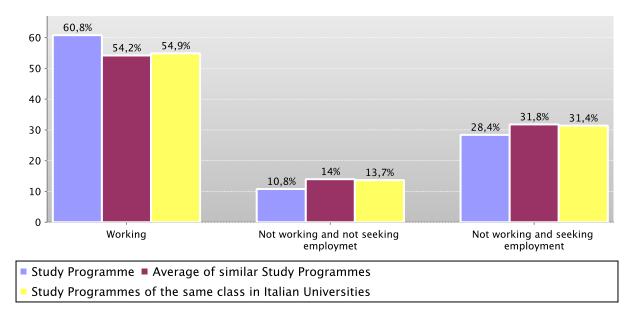
The paragraph shows the employment situation of graduates one year after graduating.

The data is taken from the AlmaLaurea reports on the employment situation of graduates.

The **graph** shows who is working, who is not working and is not seeking employment, who is not working but is seeking employment. In addition, the **table** shows the number of graduates interviewed, the number involved in internships and traineeships and the appropriateness of their degree to the job.

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group) and the average of Study Programmes of the same class of other Italian universities for the graduates of the indicated years.

Employment situation of graduates in 2011 one year after graduating



			Employ	ment situ	ation (1)		appropr for th (referre graduat	ree's tiateness he job d to the tes who prk) (3)
		N. graduates interviewed	Working	Not working and not seeking employmet	Not working and seeking employment	Not working, not seeking employment, but following a university programme/traineeship (2)	Effective $/$ very effective	Quite effective
	Study Programme	52	71,2%	7,7%	21,2%	1,9%	68,6%	25,7%
Graduation Year	Average of similar Study Programmes	22	52,2%	17,9%	29,9%	11,7%	37,3%	35,8%
2010	Study Programmes of the same class in Italian Universities	714	54,3%	13,6%	32,1%	9,7%	54,9%	32,5%
	Study Programme	74	60,8%	10,8%	28,4%	4,1%	48,9%	37,8%
	Average of		E 4 20/	14,0%	31,8%	8,5%	35,2%	37,4%
Graduation Year	similar Study Programmes Study	21,9	54,2%	14,070	51,070	0,570	55,270	57,170

Symbols:

(\*) The opinions of the Study Programmes with less than 5 graduates are not shown.

### Notes on the AlmaLaurea report on the employment situation of graduates

(1) "Employment situation": the definition includes the number of employed graduates who declaring to carry out a paid work activity, provided that is not training activity (internship, traineeship, PhD degrees, specialization schools).

(2) "Number of those who do not work, who are not seeking employment but who are following a university programme/traineeship": the definition includes those who are enrolled in traineeships, PhD degrees, specialisation schools, Italian "master universitari" (first and second level). The presentation of this data complies with article 2 of D.M. 544 of 31st October 2007, as later provided for in Management Decree no. 61 of 10th June 2008 (transparency requirements).

(3) The evaluation of the appropriateness of the degree is obtained by a combination of the requirement of the relative qualification for the job held and the level of usage of the skills learned at university.

Further information on Graduates' Employment report.

See data of previous academic years - Study Programme D.M. 509/99 Business Administration (code 0222) paragraph D.5.4.1.

### D.5. INFORMATION ON PRE-REFORM PROGRAMMES (DM 509/99)

### D.5.1. STUDENTS STARTING THEIR UNIVERSITY CAREERS

Characteristics of incoming students at the beginning of their study. Tables and graphs provide information on number of enrolled students (new careers), focusing on the characteristics of students.

### D.5.1.1. ENROLMENTS

Data of enrolments of the last three academic years are shown in paragraph D.1.1.

### D.5.1.2. ADDITIONAL DATA ON STUDENTS' STARTING THEIR UNIVERSITY CAREERS

### D.5.1.2.1. CANDIDATES REGISTERED FOR THE ENTRANCE EXAM

Data of candidates registered for the entrance exam are shown in paragraph D.1.2.1.

### D.5.1.2.2. INCOMING STUDENTS

Data of incoming students of the last three academic years are shown in paragraph D.1.2.2.

### **D.5.2. REGULARITY OF STUDIES**

Insight into the regularity with which the students pass their exams. Graphs and tables provide information on the number of students who leave the programme after the first year and the number of regular graduates, focusing on the number of credits obtained at the end of the first year, number of exams passed and the average grade achieved for each course unit.

### D.5.2.1. STUDENTS LEAVING THE PROGRAMME BETWEEN YEARS 1 AND 2

Data of students leaving the Study Programme of the last three academic years are shown in paragraph D.2.1.

### **D.5.2.2. REGULAR GRADUATES**

Data of regular graduates of the last three academic years are shown in paragraph D.2.2.

### D.5.2.3. ADDITIONAL DATA ON REGULARITY OF STUDIES

### D.5.2.3.1. CREDITS OBTAINED BY STUDENTS IN THE 1ST YEAR

Data of credits obtained by students in the 1st year of the last three academic years are shown in paragraph D.2.3.1.

### D.5.2.3.2. EXAMS PASSED AND AVERAGE GRADE

Data of exams passed and average grade are shown in paragraph D.2.3.2.

### D.5.3. OPINIONS OF ATTENDING STUDENTS AND GRADUATES

Opinions of graduates on the Study Programme.

Tables and graphs provide information on the number of graduates who expressed positive opinions on the Study Programme, focusing on opinions expressed by attending students on course units.

### **D.5.3.1. OPINION OF GRADUATES**

Data of opinion of graduates are shown in paragraph D.3.1.

### D.5.3.2 ADDITIONAL DATA ON OPINIONS OF STUDENTS

### D.5.3.2.1. OPINION OF ATTENDING STUDENTS

Data of opinion of attending students of the last three academic years are shown in paragraph D.3.2.1.

# D.5.4. ENTRY INTO THE WORLD OF WORK

Employment situation of graduates of the Study Programme. Tables and graphs provide information on the employment situation of graduates one year after graduating.

### D.5.4.1. EMPLOYMENT SITUATION

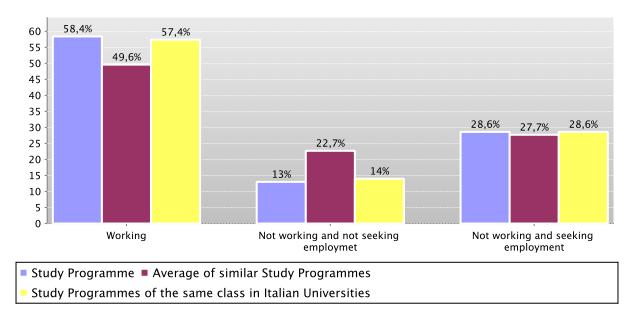
The paragraph shows the employment situation of graduates one year after graduating.

The data is taken from the AlmaLaurea reports on the employment situation of graduates.

The **graph** shows who is working, who is not working and is not seeking employment, who is not working but is seeking employment. In addition, the **table** shows the number of graduates interviewed, the number involved in internships and traineeships and the appropriateness of their degree to the job.

The Study Programme data is compared with the average of similar Study Programmes (which belong to the same group) and the average of Study Programmes of the same class of other Italian universities for the graduates of the indicated years.

Employment situation of graduates in 2009 one year after graduating *Data of the Study Programme D.M. 509/99 Business Administration (code 0222)* 



Data of the Study Programme D.M. 509/99 Business Administration (code 0222)
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			Employ	ment situ	ation (1)			tiateness ne job d to the tes who
		N. graduates interviewed	Working	Not working and not seeking employmet	Not working and seeking employment	Not working, not seeking employment, but following a university programme/traineeship (2)	Effective / very effective	Quite effective
	Study Programme	77	58,4%	13,0%	28,6%	5,2%	40,9%	38,6%
Graduation Year	Average of similar Study Programmes	42,6	49,6%	22,7%	27,7%	15,6%	36,3%	37,8%
2009	Study Programmes of the same class in Italian Universities	5231	57,4%	14,0%	28,6%	9,0%	44,6%	38,8%

Symbols:

(\*) The opinions of the Study Programmes with less than 5 graduates are not shown.

### Notes on the AlmaLaurea report on the employment situation of graduates

(1) "Employment situation": the definition includes the number of employed graduates who declaring to carry out a paid work activity, provided that is not training activity (internship, traineeship, PhD degrees, specialization schools).

(2) "Number of those who do not work, who are not seeking employment but who are following a university programme/traineeship": the definition includes those who are enrolled in traineeships, PhD degrees, specialisation schools, Italian "master universitari" (first and second level). The presentation of this data complies with article 2 of D.M. 544 of 31st October 2007, as later provided for in Management Decree no. 61 of 10th June 2008 (transparency requirements).

(3) The evaluation of the appropriateness of the degree is obtained by a combination of the requirement of the relative qualification for the job held and the level of usage of the skills learned at university.

Further information on Graduates' Employment report.

Go back to D.4.1. Employment situation

# E. FIND OUT MORE: THE QUALITY OF YOUR STUDY PROGRAMME

The University of Bologna has identified its objectives as the personal, cultural and professional growth of students and the improvement of the quality of learning, also in relation to the needs of society (Strategic Plan 2010-2013).

Students, employers and society as a whole, have the right to effective learning for individual and intellectual growth, to develop critical sense and to prepare for the world of work.

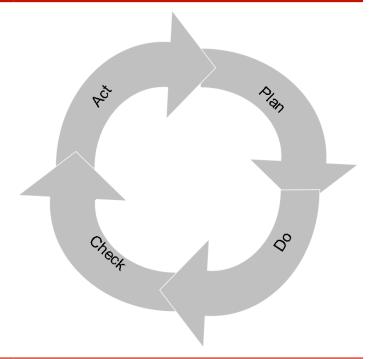
In the Statute and the Strategic Plan 2010-2013 the University of Bologna acknowledges its responsibility in guaranteeing the quality of its study programmes, and for this purpose adopts an "internal quality assurance system".

### The Internal Quality Assurance system

The internal quality assurance system is a set of processes and responsibilities adopted to guarantee the quality of Study Programmes at the University of Bologna.

The guarantee of the quality of a Study Programme is the correspondence of the results achieved with the set objectives, in the following phases:

- Plan: defining the objectives
- Do: implementing the planned actions
- Check: checking that the objectives have been achieved
- Act: planning improvement action



This path responds to the expectations of students, guides teaching behaviour and provides indicators for the assessment of results. Self-assessment is based on the analysis of significant data (for example, the number of students graduating in line with the exam schedule, students' opinions and the employment rates of graduates) and highlights strengths and weaknesses in order to reflect on the achieved results, critically consider one's own working methods and take steps for the contributions of everyone with first-hand knowledge of the Study Programme. Improvement is therefore a day to day development, concerning all aspects of teaching: from the lesson timetable to the publication of on-line programmes, from classroom management to exam methods, and the actual design of the Programme.

This is what happens in each phase:

- Planning: the Study Programme is the result of a proposal from the teaching structures and approved by the Academic Bodies.
- Management: Schools, Departments and Study Programmes manage the activities required to ensure teaching. The activities are organised as follows:

What we do					
	Professors	Study Programme	Schools	Departments	General Administration
Teaching calendar, lessons programme and exam schedules			Х		
Management of financial resources			X	X	
Classroom teaching	X				
Management of classrooms and laboratories			X	X	
Libraries and study rooms			Х	Χ	
Approval of individual study plans		Х			
Communication and		X	Χ		Academic Affairs Division
Guidance service		X	Χ		Academic Affairs Division
Internships		X	Х		Academic Affairs Division
Administrative services: Student Administration Office					Academic Affairs Division
Administration services: Degree programme office			X		Academic Affairs Division
Study grants and oans ad honorem					Academic Affairs Division
Student mobility: university subsidies and programmes					International Relations Division
Mobility: study grants for lissertations abroad			X		
Mobility: authorisations and recognitions		X			
Other students support services		X	X		Х

• Internal assessment: every Study Programme periodically assesses its own results, evaluating, for example, the number of enrolled students, the number of withdrawing students, student opinions etc.; in this way, the strengths and weaknesses, as well as any implemented improvement actions, are highlighted. This phase is organised as follows:

### What we do

**Definition, gathering and publication of evaluation data** According to the general guidelines of the University and national and international standards, are defined the tools through which should be evaluated the results (indicators). The survey data to be evaluate are published every year on the Report of the Study Program.

### Self-Assessment

The Schools and Study Programmes assess the effectiveness of the previously adopted solutions, analyse the progress of their learning activities and draw up proposals for improvement.

### Internal audit

The results of the self-assessment process are reviewed in the following phases:

- Analysis: the University Quality Manager analyses the review documents, considering the ability to identify problems, propose solutions and the overall development of the internal quality assurance system.
- Review: The observations on the results obtained and the good practices adopted are examined together with the persons in charge of the Schools and Study Programmes in meetings organised by scientific-disciplinary field. The persons in charge receive the observations and inputs on the areas for development and the actions to be adopted in future to improve results.
- Sharing: the conclusions of the review activities are submitted to the Academic Bodies and the University Evaluation Board.

### Who does what

Academic Bodies

Schools and Study Programmes

Quality Manager

Vice Rector for Teaching and Education

Academic Bodies

• **Improvement**: on the basis of the results of the internal audit, the Schools and Study Programmes plan improvement activities, to ensure that the Study Programmes increasingly respond to the needs of society. The cycle then starts over again, with the definition of actions to be implemented, the results of which are in turn verified, in a continuous path that guarantees the quality of education.

# F. GLOSSARY TERMS

### Additional Learning Requirements

Students enrolling in the first year of a first cycle or single cycle degree and who, following the results of the entrance exams established for each study programme, do not possess the knowledge required for access to the programme, are assigned additional learning requirements (OFA).

The OFA are fulfilled by passing an assessment test defined by the programme.

The non-fulfilment of the requirements by the date set by the Academic Bodies and published on the University Portal will lead to the re-enrolment in the first year of the programme.

### AlmaLaurea

AlmaLaurea is an innovative in-line database service of graduates' curriculum vitae (1,620,000 CVs, from 53 Italian universities as of 05/07/2012), which offers a link between graduates, universities and businesses.

Created in 1994 on the initiative of the Statistical Observatory of the University of Bologna, managed by a consortium of Italian universities with the support of the Ministry of Education, University and Research, the purpose AlmaLaurea is to act as a point of contact between businesses and graduates, a reference within universities for anyone (students, businesses, etc...) working in the field of university studies, employment and the condition of young people at different levels.

### Average of similar study programmes (belonging to the same group)

Average of the Study Programmes (which belong to the subject group)

Calculated average which refers to all study programmes of the same cycle which belong to the subject group. There are four groups, composed as follows:

- BIOMEDICAL group: Study Programmes of the Schools of Pharmacy, Biotechnology and Sport Science; Medicine; Agriculture and Veterinary Medicine
- SCIENTIFIC-TECHNOLOGICAL group: Study Programmes of the Schools of Engineering and Architecture; Sciences
- SOCIAL SCIENCES group: Study Programmes of the Schools of Economics, Management, and Statistics; Law, Political Sciences
- HUMANITIES group: Study Programmes of the Schools of Arts, Humanities, and Cultural Heritage; Foreign Languages and Literatures, Interpreting and Translation; Psychology and Education

### CFU University Learning Credits

University Learning Credits (CFU) were introduced under Italian Ministerial Decree no. 509/99 to comply with European legislation, and are a measurement of the volume of learning, including individual study, required of students; generally 1 CFU corresponds to 25 hours of a student's "overall learning effort".

### Class

Degree classes group together study programmes of the same level and with the same key learning outcomes and available learning activities for a given number of credits and in sectors which are identified as indispensable. The features of the classes are set nationally, by Ministerial Decree, and are therefore common to all universities.

### Cohort

Cohort refers to a group of students enrolled in the same academic year.

### Enrolment status

In terms of enrolment, students may be:

- **Regularly enrolled**: students enrolled for as many or fewer years than the legal duration of the study programme, who do not fall into any of the following categories;
- Not aligned with the exam schedule: students who, without having graduated, have enrolled in all the years of the study programme and which, for programmes with compulsory attendance, have obtained all attendance certificates;
- **Repeating**: students re-enrolling in the same year of a programme again. Starting from academic year 2009-2010, students who have not fulfilled the assigned additional learning requirements within the deadline have to enrol in the 1st year as repeating students.

### Entrance exam

Enrolment in a study programme may be free access or restricted access.

For all programmes with restricted access, candidates are required to sit an entrance exam and there are a limited number of places available. The entrance exam is a test which is used to draw up a graded list of candidates; students may enrol in the programme according to their place in the list. The methods of managing the call for applications and the list of candidates, including the methods for filling any unclaimed places, may vary from year to year. The test may be specific to a Degree Programme or may be part of a single exam covering several programmes from the same university or from other universities (during the registration the students should indicate their first choice).

The following definitions apply:

**Available places =** the number of places laid down in the call for applications to the Study Programme, or determined by subsequent legal provisions; these exclude any additional places reserved according to special provisions of the programme (e.g. for international study programmes, they do not include places for foreign students selected from other universities; for all programmes with restricted access regulated nationally, these do not include the places reserved for transferring students).

Number of candidates for the exam = number of students registered for the exam indicating the study programme as their first choice;

Number of participants in the exam = number of students participating in the exam indicating the study programme as their first choice;

Number of participants in the exam for every available place = number of students participating in the exam who indicated the study programme as their first choice as a ratio of the number of places available on the programme.

### First year enrolments

This includes all students enrolled in the first year, including those joining the study programme in its first year through transferrals, as well as those enrolled in the first year but not for the first time (e.g. repeating students).

### New Careers

Students who start a new university career (excluding transfers) from year one in a second cycle programme.

### Passages and transfers

**Passage:** when a student applies to move to a different study programme from the one enrolled in the previous year, within the same university.

Transfer: when a student transfers from a study programme in one university to any programme in another university.

### Registered students

Students who begin a career in the Italian University System for the first time and who enrol in the first year (i.e. for whom no previous university careers are recorded) of a First Cycle (L509, L) or Single Cycle programme (LSCU, LMCU)

### Statistical Observatory of the University of Bologna

The Statistical Observatory was founded in 1997 in order to "provide the university governing bodies with a reliable and timely documentary and monitoring database aiming to promote decision-making processes and planning, particularly of learning activities and other services targeting the student population" (art.1 of the Founding and Operational Regulation). Following the disabling of the Statistical Observatory, as resolved by the Board of Governors on 14 December 2010, from the second semester of academic year 2010-11 the survey and subsequently analysis of the attending students opinion is cared for the University of Bologna by Academic Affairs Division - Quality Assurance Department and Control and Finance Division - Support Planning and Evaluation Department. The overall results and the methods of collection and analysis are described in the document published online on the Statistical Observatory of the University of Bologna.

### University DataWarehouse

In information service for the managers of the University of Bologna organisational departments which gathers, integrates and reorganises data from various sources and makes it available for analysis and evaluation for the purposes of planning and decision-making.

### Withdrawal

Suspension of studies by students who do not register in the next academic year, or who drop out from the degree programme.