

UNIVERSITÀ DI PARMA

WELCOME DAY 2019 MASTER OF SCIENCE IN COMMUNICATION ENGINEERING

WELCOME TO UNIPR

- ❖ We are a **scientific community** with ancient roots (962 a.c.) and part of the international scientific community
- ❖ We firmly **believe in scientific progress** and do our best for its enhancement. We give our contribution for the improvement and welfare of our society, through the diffusion of knowledge and educational tools.
- ❖ We are an **independent**, **forward-looking** community, **open** to the world and to the future.
- ❖ We foster **study as a key factor** for personal development and individual enrichment. Our **aim is to guide and encourage students** to make the most of their capacities.

WELCOME!
YOU are part of **Unipr**



WELCOME TO UNIPR

Our first mission

The student



UNIPR ORGANIZATION

(Elections every two years)

BOARDS WITH
REPRESENTATIVES ELECTED BY
THE STUDENTS AND THE
PERSONELL



MANAGEMENT BOARD

ACADEMIC SENATE

ASSESSMENT UNIT

QUALITY CONTROL BOARD

DEPARTMENTAL COUNCIL

COURSE COUNCIL

JOINT COMMITTEE (Students/teachers)

SPORTS COUNCIL

BOARDS WITH
REPRESENTATIVES ELECTED BY
THE STUDENTS ONLY



STUDENT BOARD

Have a look on the unipr web site about your representatives!



THE QUALITY IS IN YOUR HANDS!

The Student's survey is an essential tool to improve the quality of the course

By filling it, usually close to the end of each semester, you give us your opinion

communicationeng.unipr.it/index.php/students-survey/





WHAT WE WANT TO PROVIDE YOU

- Welcome and integration
- Ethic and high-quality courses
- Ethic and advanced research
- Contacts with the working world
- Internationalization
- Fun in a stimulating work environment



WHAT WE ASK TO YOU

- Respect of people, rules, things
- Commitment and precision in your work
- Give part of your time to the others
- To be open, energetic, judgmental and sympathetic
- Make things right and never give up
- Do not forget your University, even after graduation



UNIPR CODE OF ETHICS

Our rules:

- fairness, loyalty and mutual respect
- Proper access to the University places
- No discriminatory conduct, harassment

In case of problems, please contact

consiglieradifiducia@unipr.it



www.unipr.it/normativa/codice-etico



WELCOME PACKAGE

A guide where you can find out all about application procedures, courses, services and facilities provided by the University of Parma:

dusic.unipr.it/it/node/3897



UNIPR EMAIL

Please, regularly check your email (name.surname@studenti.unipr.it) where you can find information about:

- **Exams**
- Deadlines
- Taxes
- Your university career
- Special events, conferences, seminars, extra courses, etc.



LAB ACCOUNT

 To access the computer labs you need an account. See:

cedi.unipr.it/gestioneaccounts

In case of problems, please contact directly the staff of the lab.

 To access the Unipr network at home as if your computing devices were directly connected to the private network you need to use a <u>virtual</u> <u>private network</u> (VPN).

More information on how to install VPN: biblioteche.unipr.it/it/node/2366



COURSE MATERIAL

- Please check the <u>home page</u> of each teacher
- Some courses use the Elly platform to interact with students with:
 - documents
 - forum
 - exercises
 - quiz

https://elly.dia.unipr.it/



PROBLEMS

Didactical: address the problem to the tutor, the course director and/or the RAQ (responsible of the quality of the course)

organizational: address the problem to the secretary

relationships: address the problem to the tutor, the RAQ or the counseling service

Main contacts:

- Course director: Prof. Alberto Bononi (<u>alberto.bononi@unipr.it</u>)
- RAQ: Prof. Paolo Serena (paolo.serena@unipr.it)
- Student's Representative: Ms Eleonora
 Oliosi (<u>eleonora.oliosi@studenti.unipr.it</u>)



For complaints, suggestions or appreciations: please fill the module at www.unipr.it/unipr-ti-ascolta



KEEP IN TOUCH

UNIPR www.unipr.it

DEPARTMENT dia.unipr.it

MASTER OF SCIENCE communication-eng.unipr.it





CONTACTS

URP Public Relations
 Office

urp@unipr.it 0521.034006

SOCIAL UNIPR

- Fb
- Instagram
- Twitter
- YouTube
- In

TO ME TO THE PARTY OF THE PARTY

UNIVERSITÀ DI PARMA

Toll-free number
 800 90 40 84

Newletter UNIPRESENTE!

on line every 15 days

STUDENT SERVICES

- Student Union
- Sports activities CUS Parma
- Library
- Scholarships
- Study and archive center- CSAC
- Language center
- Center for the studies on the Art disciplines- CAPAS (University choir and orchestra, Parmateneo, RadiorEvolution, ecc.)
- Counseling service
- Erasmus and international exchange
- Le Eli-che Services for students with disabilities and learning difficulties
- Canteens
- Museums
- Tutors
- Placement and corporate links
- Student services (ESSE3)
- Internships and stages
- Accommodations

.....and much more!





STUDENT CARD

The Student Card is a multiservice card, offered in collaboration with Crédit Agricole Italia



With the Student Card you can>



Be identified during exams



Access unipr services (e.g., library)



Get discounts



Get special tickets (e.g. Public transport, museums, cinema)

If activated as a pre/paid card, you can:



make payments and receive reimbursements



Pay the canteen



Buy **TEP tickets**, with the App Tep SmartTicket



Make **banking operations**, such as: pay the **university taxes**, **house rent**, buy phone cards, online shop, etc

More info https://www.unipr.it/studentcard
You can activate the card even online www.cartaconto.credit-agricole.it
or with the Crédit Agricole Italia branches



WHERE WE ARE









WHERE WE ARE

DOWNTOWN

Connecting Bus (From Downtown to Campus)

- N. 7
- N. 21
- Campus Express

www.tep.pr.it

Bike Sharing www.infomobility.pr.it

CAMPUS





PREPARATORY COURSE CLASSES

taped in 2017, videos available at:

communication-eng.unipr.it/index.php/pre-course/

User: see leaflet

Passwd: see leaflet

Mon, 18/9	Tue, 19/9	Wed, 20/9	Thu, 21/9	Fri, 22/9	Mon, 25/9	Tue, 26/9	Wed, 27/9	Thu, 28/9	Fri, 29/9	
Lecture 0, I	Telecom	Probability	Probability	Probability		Fourier		Digital Comm.		
A. Bononi	G. Ferrari	A. Bononi	A. Bononi	A. Bononi	Linear Algebra	A. Vannucci		P. Serena		
9-11	9-11	9-11	9-13	9-11	P. Serena	8:30-10:30		8:30-10:30		
Probability	Probability	EM fields		Stochastic Proc.	9:30-11:30(*)		Fourier		Digital Comm.	
A. Bononi 11-13	A. Bononi	F. Poli		G. Colavolpe			A. Vannucci		P. Serena	
11-13	11-13	11-13		11-13			10:30-12:30		10:30-12:30	

It is YOUR responsibility to WATCH the videos before classes start and MAKE SURE you are familiar with their BASIC CONCEPTS



ACADEMIC CALENDAR

exams

holydays

lectures

Special events (NdR, job day) September 2019

Mo Tu We Th Fr Sa Su

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2 3 4 5 6 7 8
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16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

October 2019

Mo Tu We Th Fr Sa Su

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28 29 30 31

November 2019

Mo Tu We Th Fr Sa Su

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December 2019

Mo Tu We Th Fr Sa Su

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30 31

January 2020

Mo Tu We Th Fr Sa Su

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27 28 29 30 31

February 2020

Mo Tu We Th Fr Sa Su

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24 25 26 27 28 29

March 2020

Mo Tu We Th Fr Sa Su

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16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

April 2020

Mo Tu We Th Fr Sa Su

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27 28 29 30

May 2020

Mo Tu We Th Fr Sa Su

1 2 3

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11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28 29 30 31

June 2020

Mo Tu We Th Fr Sa Su

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22 23 24 25 26 27 28

29 30

July 2020

Mo Tu We Th Fr Sa Su

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20 21 22 23 24 25 26
27 28 29 30 31

August 2020

Mo Tu We Th Fr Sa Su 1 2
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17 18 19 20 21 22 23
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31

September 2020

Mo Tu We Th Fr Sa Su

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28 29 30

CLASS SCHEDULE (1° SEMESTER)

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:30-08:30					
08:30-09:30		ARTIFICIAL INTELLIGENCE Monica Mordonini Aula B/4	ADVANCED PHOTONICS Federica Poli Aula 5	CIRCUITI E SISTEMI DI POTENZA Roberto Menozzi Aula B/3	ADVANCED PHOTONICS Federica Poli Aula 5
09:30-10:30		ARTIFICIAL INTELLIGENCE Monica Mordonini Aula B/4	ADVANCED PHOTONICS Federica Poli Aula 5 ARTIFICIAL INTELLIGENCE Monica Mordonini Aula 2 ADVANCED PHOTONICS (LABORATORIO) Federica Poli Lab. Gestionale	CIRCUITI E SISTEMI DI POTENZA Roberto Menozzi Aula B/3	ADVANCED PHOTONICS Federica Poli Aula 5
10:30-11:30	DETECTION AND ESTIMATION Alberto Bononi Aula A/2	CIRCUITI E SISTEMI DI POTENZA Roberto Menozzi Aula 6	DETECTION AND ESTIMATION Alberto Bononi Aula 5	DETECTION AND ESTIMATION Alberto Bononi Aula B	INFORMATION THEORY Alberto Bononi Aula 5
11:30-12:30	DETECTION AND ESTIMATION Alberto Bononi Aula A/2	CIRCUITI E SISTEMI DI POTENZA Roberto Menozzi Aula 6 ADVANCED PROGRAMMING OF MOBILE SYSTEMS Andrea Prati Aula B/2	DETECTION AND ESTIMATION Alberto Bononi Aula 5	DETECTION AND ESTIMATION Alberto Bononi Aula B	INFORMATION THEORY Alberto Bononi Aula 5

http://agendastudenti.unipr.it



CLASS SCHEDULE (1° SEMESTER)

12:30-13:30		RICERCA OPERATIVA Marco Locatelli Aula M	RICERCA OPERATIVA Marco Locatelli Aula 5		
13:30-14:30		RICERCA OPERATIVA Marco Locatelli Aula M	RICERCA OPERATIVA Marco Locatelli Aula 5	ADVANCED PROGRAMMING OF MOBILE SYSTEMS Andrea Prati Aula B/2 PROJECT MANAGEMENT (ENGLISH) Giovanni Romagnoli Aula C	APPLIED ACOUSTICS Angelo Farina Aula 8
14:30-15:30	RICERCA OPERATIVA Marco Locatelli Aula A/2	INFORMATION THEORY Alberto Bononi Aula 2		ADVANCED PROGRAMMING OF MOBILE SYSTEMS Andrea Prati Aula B/2 PROJECT MANAGEMENT (ENGLISH) Giovanni Romagnoli Aula C	APPLIED ACOUSTICS Angelo Farina Aula 8
15:30-16:30	RICERCA OPERATIVA Marco Locatelli Aula A/2	INFORMATION THEORY Alberto Bononi Aula 2	ICT FOR HEALTH AND WELL-BEING Paolo Ciampolini Aula B/4 PROJECT MANAGEMENT (ENGLISH) Giovanni Romagnoli Aula 3	ICT FOR HEALTH AND WELL- BEING Paolo Ciampolini Aula B/3	APPLIED ACOUSTICS Angelo Farina Aula 8
16:30-17:30			ICT FOR HEALTH AND WELL-BEING Paolo Ciampolini Aula B/4 PROJECT MANAGEMENT (ENGLISH) Giovanni Romagnoli Aula 3	ICT FOR HEALTH AND WELL- BEING Paolo Ciampolini Aula B/3	APPLIED ACOUSTICS Angelo Farina Aula 8



COURSES

communication-eng.unipr.it/index.php/academic-year-2019-20

First Year

1st Semester	SSD	CFU	2nd Semester	SSD	CFU
Detection and Estimation (Syllabus)(Instructor)(course web site)	ING- INF/03	9	Antennas for wireless systems (Syllabus) (Instructor)	ING- INF/02	6
Information Theory (Syllabus) (Instructor)(course web site)	ING- INF/03	6	Network Performance (Syllabus) (Instructor)	ING- INF/03	6
			Network Security (Syllabus) (Instructor)	ING- INF/03	6
			+ Laboratory (Syllabus) (Instructor)		3

Elective Complementary Courses (1) - 12 CFU

Elective Courses (2) - 12 CFU



COURSES

Elective Complementary Courses (1) - at least 12 CFU

1st Semester	SSD	CFU	2nd Semester	SSD	CFU
Applied Acoustics (Info)(Instructor)(course web site)	ING- IND/11	6	Machine learning for pattern recognition	ING- INF/05	
Artificial Intelligence (Info) (Instructor)	ING- INF/05	6	Part 1 (Info part 1) (Instructor)(course web site)		3
Project Management (Info) (Instructor)	ING- IND/17	6	Part 2 (Info part 2) (Instructor)		3
Power Circuits and Systems (Info) (Instructor) (course web site)	ING- INF/01	6	Nonlinear Systems (Info) (Instructor)	ING- INF/04	6
Ricerca operativa (Info) (Instructor)	MAT/09	9	Optical Networking (Info) (Instructor)	ING- INF/03	6
ICT for health and well-being (Info) (Instructor)	ING- INF/01	6	High performance computing (Info) (Instructor) (course web site)	ING- INF/05	6
Advanced programming of mobile systems (Info) (Instructor)	ING- INF/05	6	Financial and Cost Management (Info) (Instructor)	ING- IND/35	9
			Identification and Adaptive Systems (Info) (Instructor)	ING- INF/04	6

COURSES

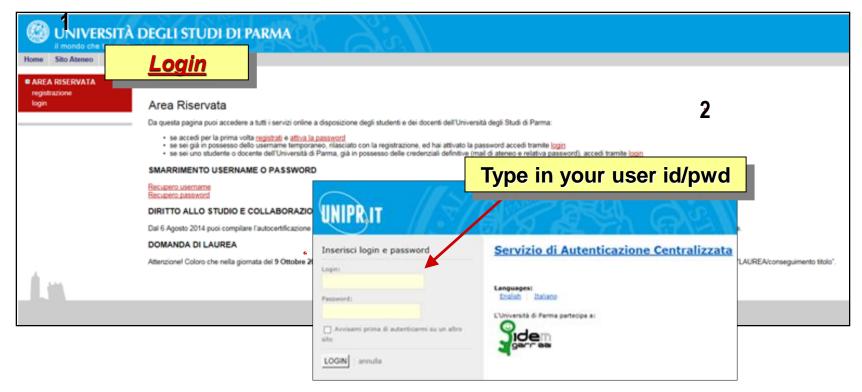
Elective Courses (2) - at least 12 CFU

1st semester	SSD	CFU	2nd semester	SSD	CFU
Advanced photonics (Info) (Instructor)(course web site)	ING- INF/02	6	Internet of things (Info) (Instructor)(course web site)	ING- INF/03	6
			5G Wireless Networks (Info) (Instructor)	ING- INF/03	6

The 2 courses to be selected from this 2nd menu can indeed be ANY 2 among those offered by the University of Parma (those listed are highly suggested and don't need a justification. Others must be shown to be CONSISTENT with one's personal study plan)

ONLINE SELF-MANAGEMENT SYSTEM ESSE3

https://unipr.esse3.cineca.it AVAILABLE mostly IN ITALIAN

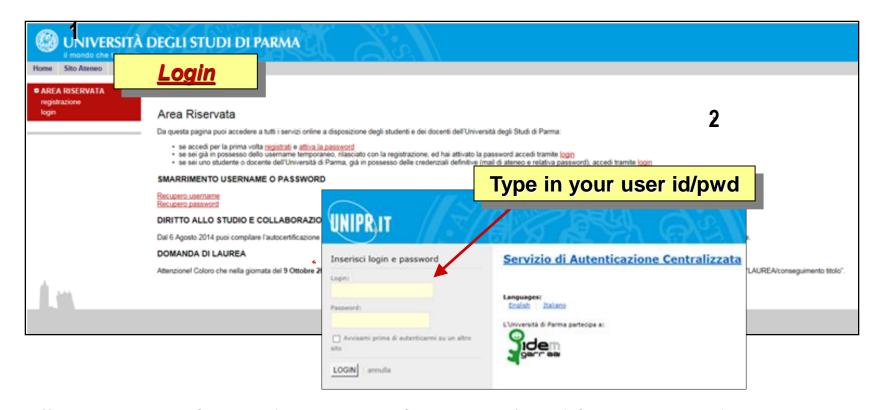


Full Instructions for Online Registration In English at

https://en.unipr.it/studying/application-procedure-ay-2018-2019

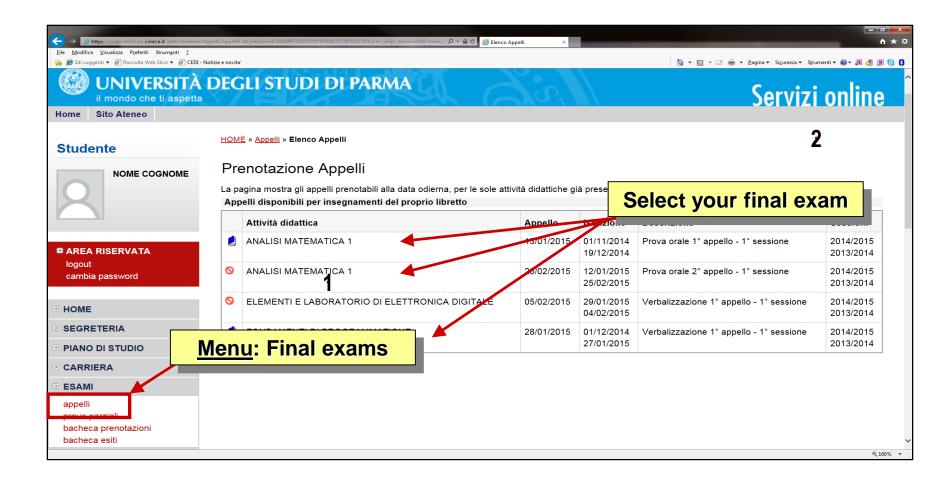
ONLINE SELF-MANAGEMENT SYSTEM ESSE3

https://unipr.esse3.cineca.it AVAILABLE mostly IN ITALIAN



Full Instructions for Student Survey form translated for LMCE students at http://communication-eng.unipr.it/index.php/students-survey/

EXAM BOOKING - 1/4



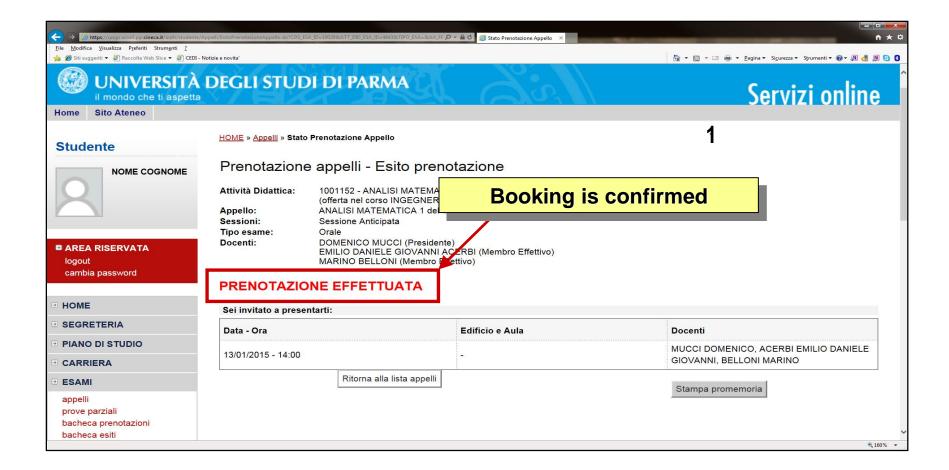
EXAM BOOKING – 2/4



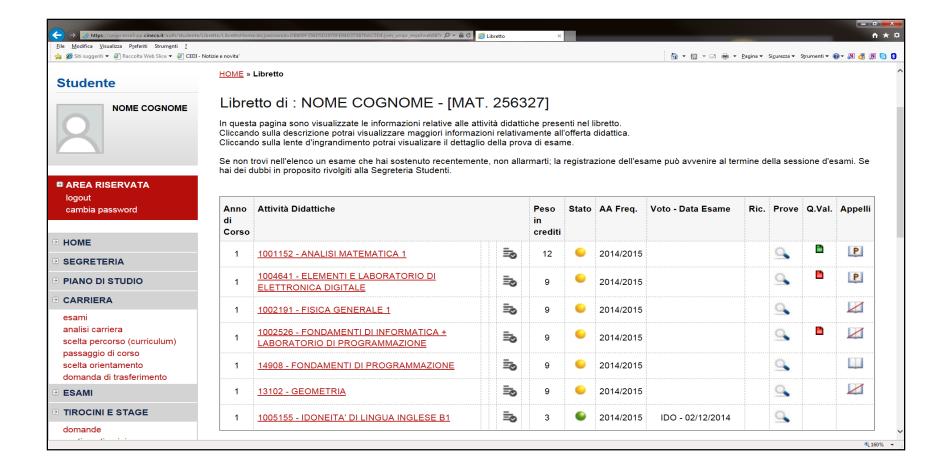
EXAM BOOKING – 3/4



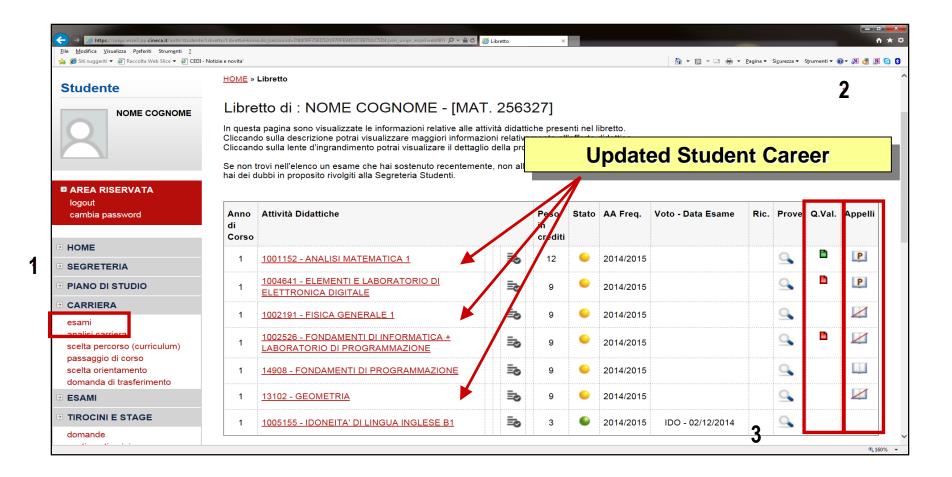
EXAM BOOKING - 4/4



STUDENT CAREER BOOKLET



STUDENT CAREER BOOKLET



EMPLOYMENT RATE

Stats about employment of students graduated in communication engineering in Italy:

Employment rate:

• Graduate 2017, after 1 year: 91.2%

• Graduate 2017, after 3 years: 95.6%

