

PIANO di studio – STUDY PLAN

TUTORIAL for Robotics Engineering - FIRST YEAR

- ✓ THE “PIANO DI STUDIO” IS THE ANNUAL UNIVERSITY WORK PLAN FOR EACH STUDENT. IT IS THE SET OF ALL EXAMS YOU MUST TAKE IN ORDER TO GRADUATE.
- ✓ YOU CAN SUBMIT YOUR STUDY PLAN ON THE FOLLOWING LINK:
<HTTPS://SERVIZIONLINE.UNIGE.IT/STUDENTI>
- ✓ WHERE EXACTELY

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UNIVERSITÀ DEGLI STUDI DI GENOVA

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- ✓ WHEN? DEADLINE FOR ACADEMIC YEAR 2020-2021: FROM SEPTEMBER 28TH TO OCTOBER 19TH HARD DEADLINE!
- ✓ THERE ARE 2 DIFFERENT PATTERNS: “STANDARD” AND “INDIVIDUALE”. CHOOSE “STANDARD” IF YOU FOLLOW THE SYLLABUS AND YOU DO NOT INCLUDE EXTRA COURSES. CHOOSE “INDIVIDUALE” IF YOU WANT TO INCLUDE SUBJECTS NOT LISTED IN THE SYLLABUS, OR EXTRA SUBJECTS. READ FOLLOWING INFORMATION ABOUT STANDARD AND INDIVIDUAL STUDY PLAN.
- ✓ WE RECOMMEND ALL STUDENTS TO CHOOSE A STANDARD STUDY PLAN. INDIVIDUAL STUDY PLANS ARE POSSIBLE ONLY IN EXCEPTIONAL CASES AND THEY MUST BE APPROVED BY THE PROGRAMME BOARD.

Piano di Studio STANDARD

YOUR STUDY PLAN IS STANDARD WHEN IT IS IN LINE WITH THE OFFICIAL CURRENT PROGRAMME. MANDATORY SUBJECTS ARE AUTOMATICALLY ALREADY ADDED TO YOUR STUDY PLAN, BUT YOU CAN CHOOSE AMONG SOME CHARACTERIZING AND ELECTIVE SUBJECTS, AS INDICATED IN THE FOLLOWING TABLES:

Mandatory subjects:

104729	RESEARCH TRACK 1 (1° Semestre)		5
104730	RESEARCH TRACK 2 (2° Semestre)		5
80514	MECHANICS OF MECHANISMS AND MACHINES (1° Semestre)	ING-IND/13	5
56846	MODELING AND CONTROL OF MANIPULATORS (1° Semestre)	ING-INF/04	6

Choose 6 subjects out of the characterizing subjects:

86736	ADVANCED AND ROBOT PROGRAMMING (1° Semestre)	ING-INF/05	5
104734	ARTIFICIAL INTELLIGENCE FOR ROBOTICS I (1° Semestre)	ING-INF/05	5
80181	CONTROL OF LINEAR MULTI-VARIABLE SYS. (1° Semestre)	ING-INF/04	5
80158	HUMAN COMPUTER INTERACTION (2° Semestre)	ING-INF/05	5
86739	MOBILE ROBOTS (2° Semestre)	ING-INF/04	5
86738	NONLINEAR CONTROL TECHNIQUES (2° Semestre)	ING-INF/04	5
80169	REAL-TIME OPERATING SYSTEMS (1° Semestre)	ING-INF/05	5
86805	SOFTWARE ARCHITECTURES FOR ROBOTICS (2° Semestre)	ING-INF/05	5

* Compulsory for JEMARO

* Requires Control of linear multi-variable systems

* Requires Advanced and Robot Programming

Choose 2 subjects out of the elective courses:

104731	ARTIFICIAL INTELLIGENCE FOR ROBOTICS II (2° Semestre)	ING-INF/05	5
86735	COMPUTER VISION (1° Semestre)	INF/01	5
86746	ITALIAN LANGUAGE (FOR FOREIGN STUDENTS) - BRIEF (1° Semestre)	L-FIL-LET/12	4
52164	ITALIAN LANGUAGE (FOR FOREIGN STUDENTS) - LONG (1° Semestre)	L-FIL-LET/12	5
86928	MACHINE LEARNING FOR ROBOTICS I (1° Semestre)	INF/01	5
80183	MECHANICAL DESIGN METHODS IN ROBOTICS (2° Semestre)	ING-IND/13	5
86733	OPTIMISATION TECHNIQUES (1° Semestre)	MAT/09	5
80854	SIGNAL PROCESSING (1° Semestre)	ING-IND/31	5
80186	SYSTEM IDENTIFICATION (1° Semestre)	ING-INF/04	5

* Requires Artificial Intelligence

* Compulsory for JEMARO students and international students without previous Italian knowledge**

* Compulsory for JEMARO students and international students without previous Italian knowledge**, if "brief" not selected

****NON-NATIVE ITALIAN-SPEAKER STUDENTS WITHOUT ANY PREVIOUS CERTIFIED KNOWLEDGE OF THE ITALIAN LANGUAGE MUST ADD TO THEIR STUDY PLAN ONE OF THE COURSES “ITALIAN LANGUAGE FOR FOREIGN STUDENTS”, “BRIEF” – 4 ECTS OR “LONG”, 5 ECTS. THIS COURSES ARE OPTIONAL IF YOU HAVE AN ITALIAN-LANGUAGE CERTIFICATE OR IF THE LANGUAGE OF INSTRUCTION OF YOUR BACHELOR IS ITALIAN AND THIS IS CERTIFIED BY AN OFFICIAL DOCUMENT OR LETTER FROM THE UNIVERSITY.**

NOTE

IF YOU DON'T SAVE THE CHOICES BY CLICKING “SALVA INSEGNAMENTI SELEZIONATI”, THE SELECTED COURSES WON'T BE IN “PIANO DI STUDI”.

IF YOU DON'T CONFIRM “PIANO DI STUDI” AT THE END OF THE PROCEDURE, IT WON'T BE UPLOADED ON YOUR ONLINE PROFILE.

CONCLUSION

AFTER THE COMPILATION, BY SELECTING “TORNA AL PIANO”, YOU WILL SEE YOUR ACADEMIC PLAN AND THE TOTAL AMOUNT OF ECTS (CFU IN ITALIAN). IF YOU SEE RED NUMBERS PROBABLY YOUR ACADEMIC PLAN IS NOT COMPLETE AND YOU MUST CORRECT IT.

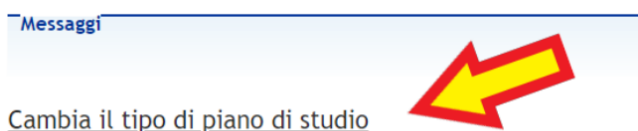
CHANGES TO STUDY PLAN AFTER SUBMISSION

ONCE THE STUDY PLAN IS SUBMITTED, IT IS NO LONGER POSSIBLE TO MAKE CHANGES. HOWEVER, IT IS POSSIBLE TO REQUEST SOME CHANGES WITHIN A SPECIFIC SCHEDULE THAT IS COMMUNICATED EACH YEAR. BE SURE TO ASCERTAIN WHETHER YOUR PROPOSED CHANGES PRODUCE ALLOWED STUDY PLAN, I.E. IN TERMS OF CREDITS OF VARIOUS TYPES. UPON SUBMISSION AND APPROVAL BY THE COORDINATOR AND THE TEACHING OFFICE

Piano di Studio INDIVIDUALE

YOUR PIANO DI STUDIO IS NOT IN LINE WITH THE OFFICIAL SYLLABUS AND REQUIRES CHANGES (E.G., YOU CHOOSE SUBJECTS NOT IN THE OFFICIAL PROGRAMME OR THERE ARE SUBJECTS YOU DO NOT WANT TO SELECT).

- ✓ AT THE BOTTOM OF THE PAGE, CLICK ON THE BUTTON “CHANGE THE STUDY PLAN PATTERN”:



- ✓ FILL IN THE WHOLE LIST OF SUBJECTS, INCLUDING THE COMPULSORY ONES, WHICH ARE NOT AUTOMATICALLY INCLUDED. ADD TO YOUR STUDY PLAN THE REQUESTED CHARACTERIZING SUBJECTS (SEE ABOVE IN THE PROGRAMME TABLE) AND ASK TO SUBSTITUTE ANY OF THE ELECTIVE COURSES WITH A DIFFERENT UNIGE COURSE. DON'T FORGET TO SPECIFY ALL THE COURSES ATTRIBUTES REQUESTED (E.G., THE SUBJECT CODE, THE TYPE AND THE NUMBER OF CREDITS)
- ✓ YOU CAN ALSO ADD EXTRA COURSES, CLASSIFYING THEM WITH THE LABEL “FUORI PIANO”. REMEMBER THAT YOU CAN CHOOSE MAX 12 CFU “FUORI PIANO”. THESE COURSES WILL APPEAR IN YOUR CAREER BUT THEY DON'T COUNT IN THE TOTAL AMOUNT OF ECTS NOR FOR THE GLOBAL AVERAGE.
- ✓ YOUR CHOICES WILL BE SUBMITTED FOR APPROVAL
- ✓ IF YOUR PERSONAL STADY PLAN IS APPROVED, YOU WILL BE ABLE TO SEE IT IN YOUR ONLINE PAGE. IF ADJUSTMENTS ARE NECESSARY, THE TEACHING OFFICE WILL CONTACT YOU IN ORDER TO REDEFINE IT
- ✓ REMEMBER THAT NON-NATIVE ITALIAN-SPEAKER STUDENTS WITHOUT ANY PREVIOUS CERTIFIED KNOWLEDGE OF THE ITALIAN LANGUAGE MUST ADD TO THEIR STUDY PLAN ONE OF THE COURSES “ITALIAN LANGUAGE FOR FOREIGN STUDENTS”, “BRIEF” – 4 ECTS OR “LONG”, 5 ECTS. THIS COURSES ARE OPTIONAL IF YOU HAVE AN ITALIAN-LANGUAGE CERTIFICATE OR IF THE LANGUAGE OF INSTRUCTION OF YOUR

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