



**UNIVERSITÀ
DEGLI STUDI
DI TRIESTE**

Guidelines for PhD students on the compilation of the Study Plan and recognition of credits

Doctoral Office

Italian national legislation, which established the rules for the creation of new doctoral degree courses, contain guidelines on the organisation of educational activities for PhD Students.



The University of Trieste introduced criteria for the organisation of educational activities for PhD students. It has been established that doctoral students must earn at least 20 credits (CFU-Crediti Formativi Universitari) within 3 years during their doctoral degree.

The rules are summarized in the next page and are available at following link:
<https://portale.units.it/en/research/phd/training-activities>

A document can be downloaded at: https://portale.units.it/sites/default/files/2024-02/PhDCFU_ENG.pdf



Rules for Activities and Credits

	Activities	Credits/hours	Limits
1	Taught Components Offered within PhD Programmes (or other PhD programmes at the University of Trieste or at other partner universities and institutions)	1 CFU = 8 hours	at least 8 CFU (no more than 10 CFU)
2	Doctoral Training Activities Organised by the University of Trieste	1 CFU = 8 hours	at least 4 CFU (1 CFU must relate to Outreach) (no more than 8 CFU)
3	Taught Components Offered within Master's Degrees Programmes (at the University of Trieste or at other partner universities)	CFU of the course	(no more than 4 CFU)
4	National and International Summer/Winter Schools	1 CFU = 2 days	(no more than 5 CFU)
5	Conferences, Symposiums, Workshops	1 CFU = 2 days	at least 1 CFU (no more than 6 CFU)
6	Additional Academic Support with a CFU Value (supporting a taught course)	CFU of the course	(no more than 12 CFU)
	Additional Academic Support without a CFU Value (tutoring)	1 CFU = 8 hours	
7	Outreach Activities	1 CFU = 2 days	(no more than 2 CFU)

ESSE3

FILE EXCEL

■ mandatory
■ elective

Students regularly enrolled in the first year (cycle 40) must complete their study plan in the period from 15 January 2025 to **15 February 2025**, which is the deadline.

The study plan must be filled in to attend Disciplinary (type 1 and 3) and Complementary (type 2) training activities. The former are those offered by the Doctoral Programme in which the student is enrolled or by Master Degree Programmes. The latter are those offered to all PhD students by the university and concern complementary training activities which give students the opportunity to gain knowledge and skills beyond the specific disciplines of their chosen PhD Programme. Each student may be awarded credits by also carrying out Other types of activities (activities 4, 5, 6 and 7, e.g. participation in Schools, Conferences, Tutoring, Outreach ,etc).

To complete their study plan, students need to follow two procedures which are different based on the type of activities.

Activities 1, 2 and 3.

ESSE3

Activities 4, 5, 6 and 7.

**FILE
EXCEL**



To compile the study plan for activities 1, 2 and 3, you need to log in to ESSE3 with your university credentials at the following link. You have to open the menu (top-right)

https://esse3.units.it

The screenshot shows the ESSE3 website interface. At the top, there is a yellow banner with the text "AMBIENTE DI TEST". Below this, the University of Trieste logo and name are visible on the left, and "Servizi on line" is centered. The main content area is titled "Offerta Didattica (Esse3)" and contains instructions for users. On the right side, a dark menu is open, showing options like "Area Riservata", "Registrazione", "Login", and "Password dimenticata".

AMBIENTE DI TEST

 UNIVERSITÀ DEGLI STUDI DI TRIESTE

Servizi on line

Offerta Didattica (Esse3)

Select Eng on the menù on the right.

Esse3 è il sistema di gestione della carriera degli studenti e ti permette di accedere ai Servizi online dell'Ateneo.

Dichiarazione di accessibilità [Sito web dedicato ai servizi on line per studenti, docenti, registrati.](#)

Attenzione: la sessione di navigazione scade dopo 15 minuti di inattività

Individua il tuo *status*:

SEI CITTADINO ITALIANO?

- **SONO o SONO STATO** studente in questo Ateneo o **MI SONO GIA'** registrato: fai il Login nel menu a destra e poi seleziona la voce di tuo interesse.
- **NON MI SONO MAI REGISTRATO / FUTURO STUDENTE**: nel menu a destra seleziona Registrazione con SPID.

NON SEI CITTADINO ITALIANO?

- **SONO o SONO STATO** studente in questo Ateneo o **MI SONO GIA'** registrato: con le credenziali che già possiedi fai il Login nel menu a destra e poi seleziona la voce di tuo interesse.
- **NON MI SONO MAI REGISTRATO / FUTURO STUDENTE**: nel menu a destra seleziona Registrazione.

[RECUPERO/PROBLEMI con le credenziali](#)

ita eng

Area Riservata

- Registrazione
- Registrazione con SPID
- Login
- Password dimenticata

Guida >

Accreditamento Aziende >

Home





Benvenuto - Welcome

BENVENUTO, L'Università degli Studi di Trieste ha implementato l'autenticazione con credenziali SPID (Sistema Pubblico di Identità Digitale) per l'accesso all'area riservata dei servizi di segreteria studenti.
In alternativa alle credenziali SPID, puoi continuare ad usare le credenziali universitarie che già possiedi.

WELCOME, The University of Trieste has implemented authentication with SPID (Public System for Digital Identity) credentials for access to the reserved area of student secretarial services.
As an alternative to SPID credentials, you can continue to use the university credentials you already own.

› Servizio di Recupero Password

› Guida online

Accedi sp-esse3-units-preprod.cineca.it

Nome utente

Password

Accesso

 Entra con SPID

 **login credentials**





Scelta carriera

Scegli la carriera sulla quale desideri operare

Matricola	Tipo Corso	Corso di Studio	Stato	
	Corso di Dottorato (D.M.226/2021)	FISICA	Attivo	Seleziona
	Corso di Laurea Magistrale	FISICA	Cessato - Cons. Titolo	Seleziona

Those who have already been students at our university will find a list that includes all previous Study Programmes, in addition to the PhD Programme you will have to select.



Benvenuto

Name Surname

Benvenuto nella tua area riservata.

Dati personali

[Nascondi dettagli](#) [Visualizza dettagli](#)

Pannello di controllo

[Nascondi dettagli](#) [Visualizza dettagli](#)

Processo	Stato	Da fare
Tasse	● situazione regolare	visualizza
Piano carriera	● modificabile	vai al piano
Appelli disponibili	● 0 appelli disponibili	
Iscrizioni appelli	● 0 prenotazioni	

[accedi a tutte le funzioni](#)[Rinnovo/Modifica Iscrizione](#)[Bacheca Esiti](#)

Status studente

[Nascondi dettagli](#) [Visualizza dettagli](#)

Messaggi

[Nascondi dettagli](#) [Visualizza dettagli](#)

Mittente	Titolo	Data
Nessun messaggio		
altre...		

This is your personal data page, and the status of your enrollment.

Benvenuto

Name Surname

Benvenuto nella tua area riservata.

Dati personali

[Hide details](#) [Show details](#)

Pannello di controllo

[Hide details](#) [Show details](#)

Processo	Stato	Da fare
Fees	● situazione regolare	visualizza
Piano carriera	● modificabile	vai al piano
Appelli disponibili	● 0 appelli disponibili	
Iscrizioni appelli	● 0 prenotazioni	

[accedi a tutte le funzioni](#)

[Rinnovo/Modifica Iscrizione](#)

[Bacheca Esiti](#)

Status studente

[Hide details](#) [Show details](#)

Messaggi

[Hide details](#) [Show details](#)

Mittente	Qualification
Nessun messaggio	

[alt...](#)

**From the menu on the right, select
Individual Study Programme**

Choose Curriculum

Change of course

Transfer application

Domanda di Chiusura per Rinuncia

Concorsi nazionali

Admission test (restricted-access and master degrees)

Assessment test (open-access bachelor degrees)

Personal Details

Messages

Canali tematici

Career analysis

AlmaLaurea Questionnaire/CV

Individual Study Programme

Registration in courses

Attachments

Academic Merit

Enrolment

State Exams

Exemptions

Tuition Fees/ISEE

[Home](#) » Programme of Studies

Programme of Studies of: Name Surname [Number]

This page shows the teaching activities listed in your programme of studies, if already completed. Otherwise it is possible to fill in a new programme of studies.

[New Programme of Studies](#)

click on the New Programme of Studies button





» [Programme of Studies](#) » [Print Manifesto of Studies](#)

Programme of Studies of: Name Surname [Number]

Print Manifesto of Studies

On this page you may view the Manifesto of Studies of your degree programme in order to fill in your individual programme of studies. Three different Manifestos are available, displaying each more or less detailed information. After you may proceed and complete your individual study programme.

[Print summarized Manifesto of Studies](#)

[Print detailed Manifesto of Studies](#)

[Print Manifesto of Studies listed according to type of teaching activity](#)

Continue to complete your programme of studies

Here you can read the Manifesto of Studies and proceed by clicking on the **Continue to complete your study programme** button



» Programme of Studies » Chosen regulation

Courses chosen by: Name Surname [Number]

On this page you can select the teaching activities you would like to include in your programme of studies. You will also see the activities you have already selected and that are valid for graduation (excluding supernumerary activities).

PLEASE NOTE

The use of the browser keys to go forward or backward in wizard can cause anomalies or errors in filling in the study plan. Keep to the navigation suggested in the page.

Chosen regulation - no.1 - Year of Programme1

Mandatory activity: the minimum recognition of credits is 8 CFU, the maximum is 10 CFU over the 3 years

FRONTAL TEACHING PROVIDED BY THE DOCTORAL COURSE (1) - Choose from 1 up to 99 CP from among the following exams

Options to be chosen according to regulation:

- 2D SELF-ASSEMBLED MONOLAYERS (DR06018) - [ECTS-credits (CFU):1]
- ADVANCED OPTICAL MICROSCOPY FOR NANOTECHNOLOGY (DR06009) - [ECTS-credits (CFU):1]
- ANALYTICAL CHEMISTRY IN THE DRUG SUBSTANCE (DS) PRODUCTION: FROM DEVELOPMENT TO VALIDATION (DR06006) - [ECTS-credits (CFU):1]
- BIOCOMPATIBLE DRUG DELIVERY SYSTEM IN ONCOLOGY (DR06030) - [ECTS-credits (CFU):4]
- CARBON NANOSTRUCTURES IN NANOMEDICINE (DR06022) - [ECTS-credits (CFU):1]
- CHARACTERIZATION OF 2D SAM PROPERTIES (DR06017) - [ECTS-credits (CFU):1]
- DESIGN AND ANALYSIS OF EXPERIMENTS FOR NANOTECHNOLOGY (DR06004) - [ECTS-credits (CFU):1.5]
- ELEMENTS OF MOLECULAR MODELING FOR NANOTECHNOLOGY (DR06002) - [ECTS-credits (CFU):1]
- FREE ELECTRON LASER AND SYNCHROTRON-BASED SPECTROSCOPIES: GETTING TO THE NANOMETER WITH FEMTOSECOND RESOLUTION (DR04029) - [ECTS-credits (CFU):3]
- INFRARED SPECTROSCOPY: FROM MACRO TO NANOSCALE ON THE MOLECULES OF LIFE (DR06026) - [ECTS-credits (CFU):1]
- INTRODUCTION TO NEURAL NETWORKS (DR14018) - [ECTS-credits (CFU):4.5]
- MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS (DR06005) - [ECTS-credits (CFU):1]
- NANOFABRICATION: AN ESSENTIAL AND ECLECTIC TOOL FOR NANO-SCIENCE AND NANO-TECHNOLOGY (DR06024) - [ECTS-credits (CFU):1.5]
- NANOSTRUCTURES IN CATALYSIS (DR06020) - [ECTS-credits (CFU):1]
- NANOTOXICOLOGY (DR06021) - [ECTS-credits (CFU):1]
- NEED FOR SPEED IN CLINICAL DIAGNOSTIC: FROM SPECTROSCOPY TO POINT OF CARE IVD DEVICES (DR06007) - [ECTS-credits (CFU):1]
- OPEN SCIENCE AND FAIR DATA (DR06008) - [ECTS-credits (CFU):1]
- OPTICAL SPECTROSCOPY, SERS (DR06001) - [ECTS-credits (CFU):1]
- RELATIONSHIP BETWEEN PREVENTIVE MEDICINE AND DRUG DELIVERY SYSTEMS (DR06023) - [ECTS-credits (CFU):1]
- SCANNING PROBE MICROSCOPIES (DR06012) - [ECTS-credits (CFU):1]
- SELF-ASSEMBLED MONOLAYERS IN 3D (DR06027) - [ECTS-credits (CFU):1]
- SURVIVAL SKILLS FOR SCIENTISTS (PROFESSIONAL DEVELOPMENT) (DR17006) - [ECTS-credits (CFU):3]
- SYNCHROTRON-BASED IMAGING AND SPECTROMICROSCOPY TOOLS FOR CHARACTERIZATION OF COMPLEX MATTER (DR06010) - [ECTS-
- TEM IN PRACTICE (DR06025) - [ECTS-credits (CFU):3]
- VALENCE BAND AND ANGLE RESOLVED PHOTOEMISSION SPECTROSCOPY ARPES (DR06015) - [ECTS-credits (CFU):1]
- X-RAY ABSORPTION SPECTROSCOPY (DR06016) - [ECTS-credits (CFU):1.5]
- X-RAY PHOTOELECTRON DIFFRACTION (DR06014) - [ECTS-credits (CFU):1]
- X-RAY PHOTOELECTRON SPECTROSCOPY (DR06013) - [ECTS-credits (CFU):1]



You will find a list of the courses offered in your PhD Programme, with a definition of credits. Make your selection in such a way that you achieve **at least 8 CFU**.

You can also select a number of courses that awards a larger number of credits, but at the end you will be awarded a maximum of 10 CFU of this type.

Min. ECTS-credits (CFU): Max. ECTS-credits (CFU):

[» Programme of Studies](#) » Chosen regulation

Courses chosen by: Name Surname [Number]

On this page you can select the teaching activities you would like to include in your programme of studies. You will also see the activities you have already selected and that are valid for graduation (excluding supernumerary activities).

PLEASE NOTE

The use of the browser keys to go forward or backward in wizard can cause anomalies or errors in filling in the study plan. Keep to the navigation suggested in the page.

Chosen regulation - no.1 - Year of Programme1

Mandatory activity: the minimum recognition of credits is 8 CFU, the maximum is 10 CFU over the 3 years

FRONTAL TEACHING PROVIDED BY THE DOCTORAL COURSE (1) - Choose from 1 up to 99 CP from among the following exams

Options to be chosen according to regulation:

- 2D SELF-ASSEMBLED MONOLAYERS (DR06018) - [ECTS-credits (CFU):1]
- ADVANCED OPTICAL MICROSCOPY FOR NANOTECHNOLOGY (DR06009) - [ECTS-credits (CFU):1]
- ANALYTICAL CHEMISTRY IN THE DRUG SUBSTANCE (DS) PRODUCTION: FROM DEVELOPMENT TO VALIDATION (DR06006) - [ECTS-credits (CFU):1]
- BIOCOMPATIBLE DRUG DELIVERY SYSTEM IN ONCOLOGY (DR06030) - [ECTS-credits (CFU):4]
- CARBON NANOSTRUCTURES IN NANOMEDICINE (DR06022) - [ECTS-credits (CFU):1]
- CHARACTERIZATION OF 2D SAM PROPERTIES (DR06017) - [ECTS-credits (CFU):1]
- DESIGN AND ANALYSIS OF EXPERIMENTS FOR NANOTECHNOLOGY (DR06004) - [ECTS-credits (CFU):1.5]
- ELEMENTS OF MOLECULAR MODELING FOR NANOTECHNOLOGY (DR06002) - [ECTS-credits (CFU):1]
- FREE ELECTRON LASER AND SYNCHROTRON-BASED SPECTROSCOPES: GETTING TO THE NANOMETER WITH FEMTOSECOND RESOLUTION (DR04029) - [ECTS-credits (CFU):3]
- INFRARED SPECTROSCOPY: FROM MACRO TO NANOSCALE ON THE MOLECULES OF LIFE (DR06026) - [ECTS-credits (CFU):1]
- INTRODUCTION TO NEURAL NETWORKS (DR14018) - [ECTS-credits (CFU):4.5]
- MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS (DR06005) - [ECTS-credits (CFU):1]
- NANOFABRICATION: AN ESSENTIAL AND ECLECTIC TOOL FOR NANO-SCIENCE AND NANO-TECHNOLOGY (DR06024) - [ECTS-credits (CFU):1.5]
- NANOSTRUCTURES IN CATALYSIS (DR06020) - [ECTS-credits (CFU):1]
- NANOTOXICOLOGY (DR06021) - [ECTS-credits (CFU):1]
- NEED FOR SPEED IN CLINICAL DIAGNOSTIC: FROM SPECTROSCOPY TO POINT OF CARE IVD DEVICES (DR06007) - [ECTS-credits (CFU):1]
- OPEN SCIENCE AND FAIR DATA (DR06008) - [ECTS-credits (CFU):1]
- OPTICAL SPECTROSCOPY, SERS (DR06001) - [ECTS-credits (CFU):1]
- RELATIONSHIP BETWEEN PREVENTIVE MEDICINE AND DRUG DELIVERY SYSTEMS (DR06023) - [ECTS-credits (CFU):1]
- SCANNING PROBE MICROSCOPES (DR06012) - [ECTS-credits (CFU):1]
- SELF-ASSEMBLED MONOLAYERS IN 3D (DR06027) - [ECTS-credits (CFU):1]
- SURVIVAL SKILLS FOR SCIENTISTS (PROFESSIONAL DEVELOPMENT) (DR17006) - [ECTS-credits (CFU):3]
- SYNCHROTRON-BASED IMAGING AND SPECTROMICROSCOPY TOOLS FOR CHARACTERIZATION OF COMPLEX MATTER (DR06010) - [ECTS-credits (CFU):1]
- TEM IN PRACTICE (DR06025) - [ECTS-credits (CFU):3]
- VALENCE BAND AND ANGLE RESOLVED PHOTOEMISSION SPECTROSCOPY ARPES (DR06015) - [ECTS-credits (CFU):1]
- X-RAY ABSORPTION SPECTROSCOPY (DR06016) - [ECTS-credits (CFU):1.5]
- X-RAY PHOTOELECTRON DIFFRACTION (DR06014) - [ECTS-credits (CFU):1]
- X-RAY PHOTOELECTRON SPECTROSCOPY (DR06013) - [ECTS-credits (CFU):1]

Min. ECTS-credits (CFU): Max. ECTS-credits (CFU):



This is an example of possible selections.
(obviously, the list of courses depends on the PhD Programme you are enrolled)

FRONTAL TEACHING PROVIDED BY THE DOCTORAL COURSE (1) - Choose from 1 up to 99 CP from among the following exams

Options to be chosen according to regulation:

- 2D SELF-ASSEMBLED MONOLAYERS (DR06018) - [ECTS-credits (CFU):1]
- ADVANCED OPTICAL MICROSCOPY FOR NANOTECHNOLOGY (DR06009) - [ECTS-credits (CFU):1]
- ANALYTICAL CHEMISTRY IN THE DRUG SUBSTANCE (DS) PRODUCTION: FROM DEVELOPMENT TO VALIDATION (DR06006) - [ECTS-credits (CFU):1]
- BIOCOMPATIBLE DRUG DELIVERY SYSTEM IN ONCOLOGY (DR06030) - [ECTS-credits (CFU):4]
- CARBON NANOSTRUCTURES IN NANOMEDICINE (DR06022) - [ECTS-credits (CFU):1]
- CHARACTERIZATION OF 2D SAM PROPERTIES (DR06017) - [ECTS-credits (CFU):1]
- DESIGN AND ANALYSIS OF EXPERIMENTS FOR NANOTECHNOLOGY (DR06004) - [ECTS-credits (CFU):1.5]
- ELEMENTS OF MOLECULAR MODELING FOR NANOTECHNOLOGY (DR06002) - [ECTS-credits (CFU):1]
- FREE ELECTRON LASER AND SYNCHROTRON-BASED SPECTROSCOPIES: GETTING TO THE NANOMETER WITH FEMTOSECOND RESOLUTION (DR04029) - [ECTS-credits (CFU):3]
- INFRARED SPECTROSCOPY: FROM MACRO TO NANOSCALE ON THE MOLECULES OF LIFE (DR06026) - [ECTS-credits (CFU):1]
- INTRODUCTION TO NEURAL NETWORKS (DR14018) - [ECTS-credits (CFU):4.5]
- MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS (DR06005) - [ECTS-credits (CFU):1]
- NANOFABRICATION: AN ESSENTIAL AND ECLECTIC TOOL FOR NANO-SCIENCE AND NANO-TECHNOLOGY (DR06024) - [ECTS-credits (CFU):1.5]
- NANOSTRUCTURES IN CATALYSIS (DR06020) - [ECTS-credits (CFU):1]
- NANOTOXICOLOGY (DR06021) - [ECTS-credits (CFU):1]
- NEED FOR SPEED IN CLINICAL DIAGNOSTIC: FROM SPECTROSCOPY TO POINT OF CARE IVD DEVICES (DR06007) - [ECTS-credits (CFU):1]
- OPEN SCIENCE AND FAIR DATA (DR06008) - [ECTS-credits (CFU):1]
- OPTICAL SPECTROSCOPY, SERS (DR06001) - [ECTS-credits (CFU):1]
- RELATIONSHIP BETWEEN PREVENTIVE MEDICINE AND DRUG DELIVERY SYSTEMS (DR06023) - [ECTS-credits (CFU):1]
- SCANNING PROBE MICROSCOPIES (DR06012) - [ECTS-credits (CFU):1]
- SELF-ASSEMBLED MONOLAYERS IN 3D (DR06027) - [ECTS-credits (CFU):1]
- SURVIVAL SKILLS FOR SCIENTISTS (PROFESSIONAL DEVELOPMENT) (DR17006) - [ECTS-credits (CFU):3]
- SYNCHROTRON-BASED IMAGING AND SPECTROMICROSCOPY TOOLS FOR CHARACTERIZATION OF COMPLEX MATTER (DR06010) - [ECTS-credits (CFU):1]
- TEM IN PRACTICE (DR06025) - [ECTS-credits (CFU):3]
- VALENCE BAND AND ANGLE RESOLVED PHOTOEMISSION SPECTROSCOPY ARPES (DR06015) - [ECTS-credits (CFU):1]
- X-RAY ABSORPTION SPECTROSCOPY (DR06016) - [ECTS-credits (CFU):1.5]
- X-RAY PHOTOELECTRON DIFFRACTION (DR06014) - [ECTS-credits (CFU):1]
- X-RAY PHOTOELECTRON SPECTROSCOPY (DR06013) - [ECTS-credits (CFU):1]

Min. ECTS-credits (CFU): Max. ECTS-credits (CFU): [Skip this choice](#)

When you have completed your selection, press **NEXT REGULATIONS**

[Next regulation](#)**Dati del Piano di Studio in compilazione**

Available in: 2023

Year of regulation: 2023

» Programme of Studies » Chosen regulation

Courses chosen by: Name Surname [Number]

On this page you can select the teaching activities you would like to include in your programme of studies. You will also see the activities you have already selected and that are valid for graduation (excluding supernumerary activities).

PLEASE NOTE

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Chosen regulation - no.2 - Year of Programme1

Mandatory activity: the minimum recognition of credits is 4 CFU (of which 1 of Third Mission), the maximum is 8 CFU over the 3 years.

TRANSVERSAL TEACHING PROVIDED BY THE UNIVERSITY (2) - Choose from 1 up to 99 CP from among the following exams

Options to be chosen according to regulation:

- ACADEMIC ENGLISH (DR001) - [ECTS-credits (CFU):4]
- ADVANCED METHODS FOR WORKER PROTECTION IN RESEARCH FACILITIES (DR013) - [ECTS-credits (CFU):1]
- ENGLISH FOR STEM (DR002) - [ECTS-credits (CFU):2]
- ETHICS RESEARCH, SCIENCE COMMUNICATION ON NEW MEDIA, PUBLIC SPEAKING (DR008) - [ECTS-credits (CFU):1.5]
- EUROPEAN PROJECTS: HOW TO START FROM SCRATCH (DR004) - [ECTS-credits (CFU):1]
- FROM BUSINESS MODEL TO BUSINESS PLAN (DR011) - [ECTS-credits (CFU):1]
- INNOVATION AND EXPLOITATION: FROM INTELLECTUAL PROPERTY TO TECHNOLOGY TRANSFER (DR005) - [ECTS-credits (CFU):1.5]
- MORE THAN MEETS THE EYE: SCHOLARLY LITERATURE RETRIEVAL AND LIBRARY SERVICES FOR PHD STUDENTS (DR003) - [ECTS-credits (CFU):1]
- PH.D. AND THE LABOR MARKET (DR012) - [ECTS-credits (CFU):2]
- PREPARING A SCIENTIFIC MANUSCRIPT: THE PROCESS, THE CORRECT BEHAVIORS AND THE UNETHICAL SHORTCUTS (DR006) - [ECTS-credits (CFU):1]
- PUBLIC SPEAKING -ENGLISH FOR RESEARCH PURPOSES: FOCUS ON SPOKEN COMUNICATION (DR010) - [ECTS-credits (CFU):0.5]
- PUBLIC SPEAKING-ENGLISH FOR RESEARCH PURPOSES: FOCUS ON WRITING (DR009) - [ECTS-credits (CFU):0.5]

Min. ECTS-credits (CFU): Max. ECTS-credits (CFU):

Previous regulation

Dati del Piano di Studio in compilazione

Available in: 2023
Year of regulation: 2023

Teaching activities already listed

List of the teaching activities you have selected while filling in your programme of studies according to year and listed by code.

Teaching Activities - Year of Programme1

Code	Description
DR06018	2D SELF-ASSEMBLED MONOLAYERS
DR06005	MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS



You will find a list of the Training Activities offered by the University, with a definition of credits. Make your selection in such a way that you achieve **at least 4 CFU**.

» Programme of Studies » Chosen regulation

Courses chosen by:

On this page you can select the teaching activities you would like to include in your programme of studies. You will also see the activities you have already selected and that are valid for graduation (excluding supernumerary activities).

PLEASE NOTE

The use of the browser keys to go forward or backward in wizard can cause anomalies or errors in filling in the study plan. Keep to the navigation suggested in the page.

Chosen regulation - no.2 - Year of Programme1

Mandatory activity: the minimum recognition of credits is 4 CFU (of which 1 of Third Mission), the maximum is 8 CFU over the 3 years.

TRANSVERSAL TEACHING PROVIDED BY THE UNIVERSITY (2) - Choose from 1 up to 99 CP from among the following exams

Options to be chosen according to regulation:

- ACADEMIC ENGLISH (DR001) - [ECTS-credits (CFU):4]
- ADVANCED METHODS FOR WORKER PROTECTION IN RESEARCH FACILITIES (DR013) - [ECTS-credits (CFU):1]
- ENGLISH FOR STEM (DR002) - [ECTS-credits (CFU):2]
- ETHICS RESEARCH, SCIENCE COMMUNICATION ON NEW MEDIA, PUBLIC SPEAKING (DR008) - [ECTS-credits (CFU):1.5]
- EUROPEAN PROJECTS: HOW TO START FROM SCRATCH (DR004) - [ECTS-credits (CFU):1]
- FROM BUSINESS MODEL TO BUSINESS PLAN (DR011) - [ECTS-credits (CFU):1]
- INNOVATION AND EXPLOITATION: FROM INTELLECTUAL PROPERTY TO TECHNOLOGY TRANSFER (DR005) - [ECTS-credits (CFU):1.5]
- MORE THAN MEETS THE EYE: SCHOLARLY LITERATURE RETRIEVAL AND LIBRARY SERVICES FOR PHD STUDENTS (DR003) - [ECTS-credits (CFU):1]
- PH.D. AND THE LABOR MARKET (DR012) - [ECTS-credits (CFU):2]
- PREPARING A SCIENTIFIC MANUSCRIPT: THE PROCESS, THE CORRECT BEHAVIORS AND THE UNETHICAL SHORTCUTS (DR006) - [ECTS-credits (CFU):1]
- PUBLIC SPEAKING -ENGLISH FOR RESEARCH PURPOSES: FOCUS ON SPOKEN COMUNICATION (DR010) - [ECTS-credits (CFU):0.5]
- PUBLIC SPEAKING-ENGLISH FOR RESEARCH PURPOSES: FOCUS ON WRITING (DR009) - [ECTS-credits (CFU):0.5]

Min. ECTS-credits (CFU): Max. ECTS-credits (CFU):

Previous regulation

Skip this choice

Next regulation

When you have completed your selection, press **NEXT REGULATION**



Dati del Piano di Studio in compilazione

Available in: 2023

Year of regulation: 2023

Teaching activities already listed

List of the teaching activities you have selected while filling in your programme of studies according to year and listed by code.

Teaching Activities - Year of Programme1

Code	Description
DR06018	2D SELF-ASSEMBLED MONOLAYERS
DR06005	MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS

» Programme of Studies » Chosen regulation

Courses chosen by:

On this page you can select the teaching activities you would like to include in your programme of studies. You will also see the activities you have already selected and that are valid for graduation (excluding supernumerary activities).

PLEASE NOTE

The use of the browser keys to go forward or backward in wizard can cause anomalies or errors in filling in the study plan. Keep to the navigation suggested in the page.

Chosen regulation - no.3 - Year of Programme1

Activity chosen by the student: the maximum recognition of credits is 4 CFU over the 3 years, regardless of the number of master degree credits

MASTER DEGREES TEACHING - Choose from 1 up to 99 CP from among the following exams

Options to be chosen according to regulation:

- ADVANCED TECHNIQUES OF MICROSCOPIC SURVEY (607SM) - [ECTS-credits (CFU):3]
- INFORMATION TECHNOLOGY TOOLS FOR PHYSICS (998DF) - [ECTS-credits (CFU):3]
- MOLECULAR BIOPHYSICS (720SM) - [ECTS-credits (CFU):4]
- Reinforcement Learning (453SM) - [ECTS-credits (CFU):6]

Min. ECTS-credits (CFU): Max. ECTS-credits (CFU):

Previous regulation

Skip this choice



Dati del Piano di Studio in compilazione

Available in: 2023
Year of regulation: 2023

Teaching activities already listed

List of the teaching activities you have selected while filling in your programme of studies according to year and listed by code.

Teaching Activities - Year of Programme1

Code	Description
DR06018	2D SELF-ASSEMBLED MONOLAYERS
DR06005	MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS
DR06020	NANOSTRUCTURES IN CATALYSIS
DR06012	SCANNING PROBE MICROSCOPIES
DR06015	VALENCE BAND AND ANGLE RESOLVED PHOTOEMISSION SPECTROSCOPY ARPES
DR06016	X-RAY ABSORPTION SPECTROSCOPY
DR06014	X-RAY PHOTOELECTRON DIFFRACTION

This is a list of taught components offered within Master's degree programmes. Regardless of the number of credits a given taught component may award to Master's degree students, PhD students will obtain no more than 4 credits.

» Programme of Studies

Programme of Studies of: Name Surname [Number]

This page shows the teaching activities listed in your programme of studies, if already completed. Otherwise it is possible to fill in a new programme of studies.

Status: DRAFT
Type of Programme of Studies: Standard Programme of Studies chosen on the web
Last modified on: 08/07/2024
Available in: 2023
Year of regulation: 2023

Legenda: Chosen teaching activities Compulsory teaching activities Optional teaching activities

Teaching Activities - Year of Programme1		
Code	Description	Change
DR06018	2D SELF-ASSEMBLED MONOLAYERS	
DR06005	MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS	
DR06020	NANOSTRUCTURES IN CATALYSIS	
DR06012	SCANNING PROBE MICROSCOPIES	
DR06015	VALENCE BAND AND ANGLE RESOLVED PHOTOEMISSION SPECTROSCOPY ARPES	
DR06016	X-RAY ABSORPTION SPECTROSCOPY	
DR06014	X-RAY PHOTOELECTRON DIFFRACTION	
DR06013	X-RAY PHOTOELECTRON SPECTROSCOPY	
DR002	ENGLISH FOR STEM	
DR006	PREPARING A SCIENTIFIC MANUSCRIPT: THE PROCESS, THE CORRECT BEHAVIORS AND THE UNET	
DR010	PUBLIC SPEAKING -ENGLISH FOR RESEARCH PURPOSES: FOCUS ON SPOKEN COMMUNICATION	
DR009	PUBLIC SPEAKING-ENGLISH FOR RESEARCH PURPOSES: FOCUS ON WRITING	
607SM	ADVANCED TECHNIQUES OF MICROSCOPIC SURVEY	

Here you will find a list of the courses you have selected that will form part of your Study Plan. Remember that your Study Plan can be modified next year, when moving from first to second year, always respecting the rules on the number of credits.

- Previous regulations
- Delete programme of studies
- Print programme of studies

[» Career plan](#)

Choice of following subjects: Name Surname [Number]

ATTENZIONE!!!

Per portare a termine la compilazione è necessario confermare definitivamente il piano carriera. Le attività didattiche verranno inserite nel libretto successivamente alla scadenza per la presentazione dei piani.

Here you can give the final confirmation to the decisions you have made on your study plan.

Click on the
CONFIRM DEFINITEVELY
button



[Home](#) » [Piano Carriera](#) » Conferma Piano

Piano Carriera di: **Name Surname [Number]**

Conferma Piano

Il Piano Carriera è stato registrato.

Your study plan is confirmed



» Programme of Studies

Programme of Studies of: Name Surname [Number]

This page shows the teaching activities listed in your programme of studies, if already completed. Otherwise it is possible to fill in a new programme of studies.

Status: APPROVED
Type of Programme of Studies: Standard Programme of Studies chosen on the web
Last modified on: 08/07/2024
Available in: 2023
Year of regulation: 2023

By the deadline you can make changes to your study plan, but remember to complete it by 15 February 2025. After this date, it must be approved by the Doctoral Teaching Body of your PhD Programme.

Teaching Activities - Year of Programme1			
Code	Description		
DR06018	2D SELF-ASSEMBLED MONOLAYERS	Planned	1 Change
DR06005	MICROSCOPY - BASIC PRINCIPLES AND RELATED APPLICATIONS	Planned	1 Change
DR06020	NANOSTRUCTURES IN CATALYSIS	Planned	1 Change
DR06012	SCANNING PROBE MICROSCOPIES	Planned	1 Change
DR06015	VALENCE BAND AND ANGLE RESOLVED PHOTOEMISSION SPECTROSCOPY ARPES	Planned	1 Change
DR06016	X-RAY ABSORPTION SPECTROSCOPY	Planned	1.5 Change
DR06014	X-RAY		Change
DR06013	X-RAY		Change
DR002	ENGLI		Change
DR006	PREPARING A SCIENTIFIC MANUSCRIPT: THE PROCESS, THE CORRECT BEHAVIORS AND THE UNETHICAL SHORTCUTS	Planned	1 Change
DR010	PUBLIC SPEAKING -ENGLISH FOR RESEARCH PURPOSES: FOCUS ON SPOKEN COMUNICATION	Planned	0.5 Change
DR009	PUBLIC SPEAKING-ENGLISH FOR RESEARCH PURPOSES: FOCUS ON WRITING	Planned	0.5 Change
607SM	ADVANCED TECHNIQUES OF MICROSCOPIC SURVEY	Planned	3 Change

DEADLINE 15 FEBRUARY 2025

[Change programme of studies](#)
[Print programme of studies](#)

Other Activities and Credits

Students are awarded other training credits related to **Activities 4, 5, 6 and 7** of the regulation, namely

4. Attendance at national and international summer/winter schools
5. Attendance at conferences, symposiums, workshops
6. Contribution to additional academic support (supporting a taught course, tutoring)
7. Involvement in Outreach ('third mission') activities (especially public engagement)

In this case, since these activities cannot be figured out in advance and need to be discussed and planned with your supervisor, we ask to complete an **excel file** (see following pages) by the **deadline of 31 August 2025**.



You must carry out the activities you have included in your excel file within the end of August 2025.

The file must be **signed by your supervisor** and **sent to the PhD coordinator** (please cc your supervisor) by the deadline **after completion of the activities** in order to allow admission to the second year. However, to acquire the necessary credits in this set of activities, you still have time during your second and third year, before admission to final examination (see Rules on Page 3).

Note that some PhD Programmes may decide, at their discretion, that certain activities must be attended within a certain time period, such as for type 1, 2 and 3 activities.

In the excel file you will also find the entry for Activities 8 and 9, which do not award credits, but are useful for monitoring your research activities and preparing the Diploma Supplement that you will be awarded at the end of your PhD.



