

## **Study Plan Guidelines**

Department of Civil, Environmental and Architectural Engineering (ICEA) Mathematical Engineering

International Desk ICEA



**Check out our resources!** 

**Presentation:** 

You will receive an email with the presentation of today

Student Guide "How to compile your study plan":

under "Study plan"

and

STEM Course "International Desk @ ICEA"



## What is a Study Plan?



## **Definition of Study Plan**

The **Study Plan** is the complete list of educational activities required to graduate. Each degree programme includes a number of educational activities such as exams, laboratories, course units, workshops, internships, thesis or other activities.

Some educational activities are **compulsory**, others are **optional** (choosing between X courses) or **elective** courses.

Filling out your Study Plan is mandatory!

Please be aware that you cannot take an exam if you have

**not submitted** your study plan and/or it has not been approved yet!









## **Credits of a Study Plan**

The Study Plan is the complete set of educational activities you must carry out in order to earn the **credits (ECTS/CFU)** required to graduate:

- [Bachelor's degree: 180 CFU]
- [Master's degree: 120 CFU]
- [Single-cycle degree: 360 CFU]





## **Booklet vs Study Plan**



The Booklet can be **richer than the Study Plan** because it contains all the exams foreseen in the study plan but it can **also** contain **extra exams** that do not contribute to the degree credits, GPA and final grade.

An exam can be removed from the Study Plan but can remain in the Booklet.



## Who needs to submit the Study Plan and when do you have to submit it

All students are required to fill in the study plan. You will fill in the study plan for the first time at the beginning of your student career for both of your academy years of the Master degree.

Please note that the study plan procedure **opens in late October and closes on the 30th September of the following year.** During this period, you can modify your study plan.

The Study Plan must be filled in and presented via <u>UNIWEB</u>, which is accessed using your University credentials (username and password).

Once you **register for graduation**, the study plan cannot be modified anymore. Please make sure that your study plan is **complete and correct** before registering for graduation!





## Types of Study Plan: Automatically Approved Study Plan

The Study Plan can be:

- Automatically approved Study Plan (recommended) <u>or</u>
- Submitted Study Plan under approval of the Academic Committee

In the **automatically approved Study Plan**, the elective course units **must be** selected from those recommended by the **Educational Rules of the Study Programme**, i. e. the elective courses offered by the course programme.

The list of elective courses is specified in the study plan procedure.

The Study Plan, once confirmed by the student, is **automatically approved.** 



In the Submitted Study Plan subject to the approval of the Academic Committee the student has the possibility to insert in the Study Plan course units beyond the course offer of the Master degree, including the entire <u>UNIPD</u> academic offer.



The Study Plan will be evaluated by the competent **Academic Committee** in order to be approved. The student will receive an automatic notification by email.

**Useful tip**: Choose an elective course unit that:



- is **coherent** with your educational path
- can be chosen as an elective (check the <u>Syllabus</u>)



## How to fill in the Study Plan



## How to fill in the Study Plan

The Master degree in Mathematical Engineering contains two study tracks:

- Mathematical Modelling for Engineering and Science
- Financial Engineering

This presentation refers to the procedure of the study track "Mathematical Modelling for Engineering and Science" to demonstrate to students how to fill in the study plan.



## How to fill in the Study Plan

Students of the study track **Financial Engineering that will attend their 2<sup>nd</sup> year at ESILV (Paris)** can follow the indications for the first year of they programme. All activities are mandatory and simply have to be added to the study plan. The second year activities conducted at ESILV will be integrated by adding the "Project Erasmus". The same procedure is valid for the "Internship".

Students of the study track **Financial Engineering that will attend their 2<sup>nd</sup> year at UNIPD** should fill in a Submitted Study Plan following the same instructions as provided for the curriculum Mathematical Modelling.



## How to fill in the Study Plan

#### **Step 1. Access on Uniweb**

Open the <u>Home Page</u> of Uniweb,

Click on "Login".

UNITERITÀ DEGLI STUDI DI PADOVA	Uniweb	
AVVISI	Areamservata	
	Registrazione Registrazione SPID	
MyUnipd si rinnova!	Login usine com bu	
La app obsoleta cesserà di funzionare a fine maggio 2023. Se hai installato MyUnipd dopo dicembre 2022 mantieni questa versione, altriment	nti scarica la nuova! <u>https://www.unipd.it/news/myunipd-si-rinnova</u> Offerta formativa	
Coronavirus	Bacheca esami	
La didattica, gli esami e le prove finali di laurea sono organizzate secondo quanto si l'emergenza COVID-19. Per ulteriori comunicazioni si rinvia a <u>https://www.unipd.it/coronavirus-didattica</u>	stabilito dalle strutture didattiche di riferimento nel rispetto delle linee di indirizze Area Aziende	
Scarica subito l'app OrariUniPD!		
L'app OrariUniPD permette di visualizzare l'orario delle lezioni, degli esami, lo stato Per maggiori informazioni visita il nostro sito <u>https://www.unipd.it/orariunipd</u> .	o di occupazione delle aule e degli spazi studio e, se previsto, di registrare la prop	
Biblioteca digitale		
Scopri le opportunità della Biblioteca Digitale a tua disposizione per:		
1) cercare un documento in modo facile e veloce		



#### Step 2. Login with the SSO:

Insert your "name.lastname" and select "@studenti.unipd.it".

You can select the language of your choice as well.



## How to fill in the Study Plan

#### **Step 3. Start the procedure**

Once logged in, from "Home" click on "Study Plan" or click on the menu button, "Home" and then "Study Plan".

UNIVERSITÀ DECLI STUDI DI PADOVA			Uniweb			
Welcome Name	Lastname (Student ID: XX)	XXXXX)				
Welcome to your reserved area. In order to edit your personal detail: Information about your degree cour	s click on "Home"> "Master data" se and course units are available on the website <u>http://di</u> s	dattica.unipd.it				
Personal details		Show details 🕨	Student status			Show details 🕨
Control panel		Hide details 💌	Messages			Hide details 🔻
	Photo:	To do line	Conduc	<b>TIAL</b>	<b>D</b> _4+	
Frees	status	display.	sender	No messages	Date	
Career plan	editable	study plan		No messages		other messages
Available terms	<ul> <li>0 available terms</li> </ul>					
Term registration	• 0 bookings					
Notes						Hide details 🔻
Notes						
Note text						
		No	notes			

Once there, click on "New Study Plan".



## How to fill in the Study Plan

#### Step 4. Select the type of Study Plan

At this point, you can choose the type of Study Plan: automatically approved (first option) or subject to approval by the **Academic Committee** (second option).

To choose the first option, click on 'automatically approved study plan' and then click on "OK".

The guided procedure allows to include educational activities according to the rules established by the Master Programme Regulation.





## How to fill in the Study Plan

#### Step 5. Select the mandatory courses of the first year (1)

First, the mandatory courses for the 1<sup>st</sup> academic year will be listed. Since these courses are obligatory, click on "Next rule" to add them to the study plan.





## How to fill in the Study Plan

#### Step 6. Select the mandatory courses of the first year (2)

Follow the procedure as previously by clicking on "Next rule" to add the mandatory courses.

UNIVERSITÀ DECLI STITU DI PADONA	Uniweb	MENU
	se units – Study Plan of Name Lastname - [MAT. XXXXXX]	
Compulsory modules - 1st year - "Mathen MATHEMATICAL PHYSICS (C.I.) (INP507 NUMERICAL METHODS FOR CONTINUC STATISTICAL MECHANICS OF COMPLEX	atical Modelling" track - Compulsory educatiuonal activities: D520) - [ CFU: 12 ] UDS SYSTEMS (INP5070384) - [ CFU: 6 ] SYSTEMS (INP5070381) - [ CFU: 9 ] Previous rule Next rule	
Information about the study plan you Percorso di Studio MATHEMATICA scelto:	are completing L MODELLING FOR ENGINEERING AND SCIENCE	
Year of offer:         2022           Cohort:         2022		
Activities formerly selected List of teaching activities you have selecte Course units – Year of course 1	d while completing your study plan. They are classified by year of course and ordered by code.	
Code	Descriprion	
INP5070357	ANALYTICAL AND STOCHASTIC MATHEMATICAL METHODS FOR ENGINEERING	
INP5070341	INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS	
INP5070378	NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS	
INP8084399	SYSTEM IDENTIFICATION AND DATA ANALYSIS	



## How to fill in the Study Plan

#### Step 7. Select the English language qualification

As part of the mandatory courses, you will also find the **English language qualification**. Click on **"Next rule"** to proceed.





In order to fulfill this requirement, an English test with the University Language Centre (CLA) can be taken or the recognition of a valid English certificate can be requested. More information can be found <u>here</u>. Click on "**Next rule**" to proceed with the study plan compilation.



### How to fill in the Study Plan

#### Step 8. Select the mandatory courses of the second year

Now, you will be able to select the mandatory courses of the second year. You can **choose two courses** out of the three listed.

<u>Nano di Studio</u> » Rule	
noice of the course units – Study Plan of Name Lastname - [MAT. XXXXXXX]	
ASE NOTE 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. e - No.4 - Year of course2	
vdules - 2nd year - "Mathematical Modelling" track - Choose exactly 2 Blocks from among the following ones	
ose two modules out of these three	
+ options: DVANCED FLUID MECHANICS (INP5070421) - [ CFU: 9 ] DVANCED SOLID MECHANICS (INP5070425) - [ CFU: 9 ] LECTROMAGNETISM (INP5070424) - [ CFU: 9 ]	
Previous rule	

Click on "Next rule" to add the ones selected to your study plan.



## How to fill in the Study Plan

#### **Step 9. Choose elective courses**

Before finalizing the study plan, the elective courses have to be chosen.

In total, **12 CFU are available.** For the **Automatically Approved Study Plan**, the courses can be chosen from the list shown in Uniweb.

* • Panod Studio • Rule Choice of the course units – Study Plan of Name Lastname - [MAT. XXXXXXX]	
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. Rule - No.5 - Year of course2	
- "Affini" modules - 2nd year - "Mathematical Modelling" track - Choose exactly 12 CP from among the following exams You can choose 12 credits (CFU) from this list. If you wish to choose modules outside this list, please go back to the beginning and select the "SUBMITTED STUDY PLAN"	
Rule options:         COASTAL FLOODING HAZARD (INP5070429) - [ CFU: 6 ]         COMPUTATIONAL ASTRODYNAMICS (INP5070432) - [ CFU: 6 ]         GROUNDWATER HYDROLOGY (INP5070428) - [ CFU: 6 ]         LABORATORY OF ASTROPHYSICS1 (INP5070432) - [ CFU: 6 ]         WATER RESOURCES MANAGEMENT (INP5070437) - [ CFU: 6 ]	
CFU Min:0 CFU Max	
Previous rule	t rule

Once selected, click on "Next rule" to finalize the procedure.



## How to fill in the Study Plan

#### Step 10. Choose the 9 CFU as a free choice

In your course programme, you have also **9 CFU of free choice.** You can select among the following courses shown in Uniweb. The list might be subject to changes.

Please note that you need a minimum of 9 CFU and can register a maximum of 14 CFU.





## How to fill in the Study Plan

#### Step 11. Add the final project

The last step is to add the **Final project**, which is your thesis. Since it is mandatory, you can click on "**Next rule**" to add it.

W - Plano di Studio - Rule							
Choice of the course units – Study Plan of Name Lastname - [MAT. XXXXXX]							
PLEASE NOTE							
The use of the browser keys to go forward or bac Rule - No.5 - Year of course2	kward in wizard can cause anomalies or errors in filling in the study plan. Keep to the navigation suggested in the page.						
-				_			
Prova finale - Compulsory educatiuonal activities:							
You finished to fill in your study plan. Remember to	click on «FINAL CONFIRMATION» to confirm the Study Plan. Only if you choosed a "SUBMITTED STUDY PLAN" you will receive an email after the evaluation by the Academic Committee.						
FINAL EXAM (IN37106948) - [ CFU: 21 ]							
	Previous rule	Next rule					
Information about the study plan you are comp	Teting .						
Percorso di Studio Environment and sustaine	auus bilty			_			
scelto:							
Cohort: 2022							
Activities formerly selected List of teaching activities you have selected while co-	mileting your study plan. They are classified by year of course and ordered by code.						
Course units - Year of course 1							
Code	Descriprion						
INP9087498	CIRCULAR AND SUSTAINABLE WASTE MANAGEMENT						
INQ0090558	ECOTOXICOLOGY AND HEALTH RISK ASSESSMENT						
INP9087410	ENVIRONMENTAL ECONOMICS AND RESOURCE VALUATION						
INP7082044	REMEDIATION OF CONTAMINATED SITES						
INP9087758	RENEWABLE ENERGY TECHNIQUES						
INP9087412	WATER AND WASTEWATER TREATMENT						
INQ0093091	ITALIAN LANGUAGE						
INP7082050	DESIGN OF STRUCTURES FOR ENVIRONMENTAL PROTECTION						
INP7082045	GEOLOGY AND GEOCHEMISTRY						
Course units - Year of course 2							
Code	Descriprion						
INP9087778	AIR POLLUTION CONTROL						
INQ2100761	ENVIRONMENTAL GEOTECHNICS						
INP9087764	ENVIRONMENTAL IMPACT AND LIFE CYCLE ASSESSMENT						
INP9087763	ENVIRONMENTAL PROJECT WORK						
INP9087768	RECYCLING AND REUSE OF RAW MATERIALS						



## How to fill in the Study Plan

#### Step 12. Confirm your study plan

Before concluding the procedure, you will see an overview of all the courses selected, indicating compulsory and selected teaching activities.

In order to conclude the procedure, select "Confirm study plan".



This step is essential to insert your study plan in Uniweb and be able to register for exams.

	Key:	Choser	Teaching activities Compulsary teaching activities
Description			
ANALYTICAL AND STOCHASTIC MATHEMATICAL METHODS FOR ENGINEERING			
INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS			
NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS			
SYSTEM IDENTIFICATION AND DATA ANALYSIS			
MATHEMATICAL PHYSICS (C1.)			
NUMERICAL METHODS FOR CONTINUOUS SYSTEMS			
STATISTICAL MECHANICS OF COMPLEX SYSTEMS			
ENGLISH LANGUAGE B2 (PRODUCTIVE SKILLS)			
	_		
Description			
ADVANCED FLUID MECHANICS			
ELECTROMAGNETISM			
COMPUTATIONAL ASTRODYNAMICS			
LABORATORY OF ASTROPHYSICS 1			
ADVANCED QUANTUM PHYSICS			
SCIENTIFIC COMPUTING AND OBJECT ORIENTED PROGRAMMING			
FINAL EXAM			
	Description         ANALYTICAL AND STOCHASTIC MATHEMATICAL METHODS FOR ENGINEERING         INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS         NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS         SYSTEM IDENTICATION AND DATA ANALYSIS         MATHEMATICAL PHYSICS (CL)         NUMERICAL METHODS FOR CONTINUOUS SYSTEMS         STATISTICAL MECHANICS OF COMPLEX SYSTEMS         ENGLISH LANGUAGE B2 (PRODUCTIVE SKILLS)	Description         Introduction to partial differential equations         Important equatin equaterial equations         Important equatio	Description         Introduction to partial differential equations         Important differential equatis         Important differential equations





## How to fill in the Study Plan

#### **Procedure to fill in the Submitted Study Plan**

In order to fill in the Submitted Study Plan, you have to select the second option when starting the procedure and click on "**Ok**".

	UNIVERSITÀ DECLI STEDI UI PLIONA	Uniweb		MEN	NU
* » Pian	<u>o Carriera</u> » Scelta Schema di Piano				
Choi	ce of the course units: Name Lastname - [MAT. XXXXXXX]				
In orde	r to complete your study plan, please select now one of the following plans and click on "ok"				
Study	plans				
	Description			Apri	
0	AUT-MM - AUTOMATICALLY APPROVED STUDY PLAN - MM track Track:MATHEMATICAL MODELLING FOR ENGINEERING AND SCIENCE NOTA: MATHEMATICAL MODEL LING track. Select this kind of study plan if you wish to choose the elective modules among those offered by Mathematical E	Eng.		6	
۲	PROP-MM - SUBMITTED STUDY PLAN - MM track Track:MATHEMATICAL MODELLING FOR ENGINEERING AND SCIENCE NOTA: MATHEMATICAL MODELLING track. Plan to be approved by the Academic Committee.			5	
ок					

#### **Reminder!**



While the Automatically Approved Study Plan proposes a course offer for the 12 CFU elective courses and 9 CFU of free choice offered **only by the Master Degree.** The Submitted Study Plan allows choosing elective **courses offered at different Departments other than the ICEA.** 



## How to fill in the Study Plan

#### Procedure to fill in the Submitted Study Plan

The procedure is the same until Step 9.

Once at step 10, the procedure will suggest selecting the elective courses of 12 CFU.

There are two options available:

#### Option 1:

Choose one course suggested in the list (step 10) and then proceed by clicking on "**Next rule**" to choose a second elective course from the academic offer of degree courses of other Departments of the University of Padua (step 11).

#### Option 2:

Select both courses from the academic offer of degree programmes of other Departments of the University. In order to do so, click "**Skip forward**" (step 10) to arrive at the page indicated in step 11.



## How to fill in the Study Plan

#### **Step 10. Choose elective courses**

希 » <u>Piano di Studio</u> » Rule
Choice of the course units – Study Plan of Name Lastname - [MAT. XXXXXXX]
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. The sum of the choices made from the following rules must bebetween12 - 17 CFU • Rule No.6: Affini consigliati Choose from 6 up to 12 CP • Rule No.7: Affini in Ateneo Choose from 6 up to 17 CP ()
Rule - No.6 - Year of course2
·
"Affini" modules proposed by Mathematical Eng Choose from 6 up to 12 CP from among the following exams
You can choose 12 credits (CFU) either from this list or from the entire Unipd offer. If you don't want to choose any module from this list, click on "next rule"
Rule options:
COASTAL FLOODING HAZARD (INP5070429) - [ CFU: 6 ]
COMPUTATIONAL ASTRODYNAMICS (INP5070432) - [ CFU: 6 ]
GROUNDWATER HYDROLOGY (INP5070428) - [ CFU: 6 ]
CFU Min:[0 CFU Max:[0
The sum of the choices made from the previous rules of this restriction is0 CFU
Previous rule Next rule

First, you will see the elective courses proposed by the Master degree programme.

You can select one of the courses above or proceed by clicking on "**Skip forward**" to see the offer of other degree courses.



### How to fill in the Study Plan

#### **Step 11. Choose elective courses from other degree programmes**

• • Planodi Studio • Rule Choice of the course units – Study Plan of Name Lastname - [MAT. XXXXXXX]								
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. The sum of the choices made from the following rules must bebetween12 - 17 CFU • Rule No.7: Affini in Ateneo Choose from 6 up to 17 CP								
Rule - No.7 - Year of course2								
"Affini" modules offered by other study courses at Unipd - Choose from 6 up to 17 CP from among the following exams	S							
You can choose 12 credits (CFU) from this list. If you wish to add an exam that is not in this list, please write to: didattic	ca@dicea.unipd.it and to mario.putti@unipd.it. If the exam is suitable for the Study Course Rules, and approved by the Academic Committee, it can be added.							
Course options:DATA SCIENCE [SC2377] MATHEMATICAL MODELS AND NUMERICAL METHODS FOR BIG DATA (SCP7079406) - [ CFU: 6 ] STOCHASTIC METHODS (SCP7079197) - [ CFU: 6 ]								
Course options:ELECTRICAL ENERGY ENGINEERING (IN1979) THERMONUCLEAR FUSION (INN1027624) - [ CFU: 6 ]	ourse options:ELECTRICAL ENERGY ENGINEERING [IN1979] THERMONUCLEAR FUSION (INN1027624)-[CFU:6] In order to add courses not in the list, please write to							
Course options:MATHEMATICAL ENGINEERING [IN2551] UNUMERICAL METHODS FOR HIGH PERFORMANCE COMPUTING (INP5070472) - [ CFU: 6 ]	the Students & Teaching Staff Office:							
Course options:PHYSICS [SC2382] DADVANCED PHYSICS LABORATORY A (SCP7081700) - [ CFU: 6 ]	didattica@dicea.unipd.it. If the exam is suitable for							
□ APYCED ELECTRONICS (SCP708170) - [ CFU; 6 ] □ GENERAL RELATIVITY (SCP7081763) - [ CFU; 6 ] □ GENERAL RELATIVITY (SCP7081661) - [ CFU; 6 ]	the Study Course Rules, and approved by the							
INTRODUCTION TO MANY BODY THEORY (SCP7081699) - [ CFU: 6 ] INTRODUCTION TO NANOPHYSICS (SCP7081718) - [ CFU: 6 ]	Academic Committee, it can be added							
NUCLEAR ASTROPHYSICS (SCP7081704) - [ CFU: 6 ]     QUANTUM FIELD THEORY (SCP7081702) - [ CFU: 6 ]	Academic Committee, it can be added.							
SOLID STATE PHYSICS (SCP7081660) - [ CFU: 6 ]								
The sum of the choices made from the previous rules of this restriction is12 CFU								
Previous rule	Skip forward Next rule							

Here you can find the list of courses suggested from other degree programmes and departments. Please remember you need to fulfill **12 CFU**.



## How to fill in the Study Plan

#### Step 12. Choose 9 CFU of free choice

Here you have the same two options as outlined in slide 22.

Choice of the course units – Study Plan of Name Lastname - [MAT. XXXXXXX]
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. The sum of the choices made from the following rules must bebetween9 - 14 CFU • Rule No.9: A scelta proposti Choose from 6 up to 14 CP • Rule No.10: A scelta in Ateneo Choose from 6 up to 14 CP • Rule No.10: A scelta in Ateneo Choose from 6 up to 14 CP
Rule - No.9 - Year of course2
Elective modules proposed by Mathematical Eng Choose from 6 up to 14 CP from among the following exams
You can choose min 9 max 14 credits (CFU) either from this list or from the entire Unipd offer. If you don't want to choose any module from this list, click on "next rule"
Course options:MATHEMATICAL ENGINEERING [IN2551] DADVANCED QUANTUM PHYSICS (INP5070457) - [CFU: 6] COMPUTATIONAL ASTRODYNAMICS (INP5070429) - [CFU: 6] COMPUTATIONAL ASTRODYNAMICS (INP5070422) - [CFU: 9] COMPUTATIONAL ASTRODYNAMICS (INP5070422) - [CFU: 9] COMPUTATIONAL METHODS FOR MATERIALS SCIENCE (INP5070468) - [CFU: 6] ELECTROMAGNETISM (INP5070424) - [CFU: 9] ELECTROMAGNETISM (INP5070423) - [CFU: 6] ELECTROMAGNETISM (INP5070433) - [CFU: 6] METHODS AND MODELS FOR COMBINATORIAL OPTIMIZATION (INP5070470) - [CFU: 6] MULTIONS FOR COMBINATORIAL OPTIMIS (INP5070472) - [CFU: 6] STOCHASTIC DIFFERENTIAL EQUATIONS, WITH NUMBERICS (INP5070418) - [CFU: 6] STOCHASTIC OIFFERENTIAL EQUATIONS, WITH NUMBERICS (INP5070418) - [CFU: 6] STOCHASTIC OIFFERENTIAL EQUATIONS, WITH NUMBERICS (INP5070418) - [CFU: 6] STOCHASTIC METHODS FOR FINANCE (INP5070437) - [CFU: 6] STOCHASTIC METHODS FOR FINANCE (INP5070437) - [CFU: 6] STOCHASTIC METHODS FOR FINANCE (INP5070437) - [CFU: 6] COMPUTING AND ANDAGEMENT (INP5070437) - [CFU: 6]
CFU Min: 0 CFU Max: 0
The sum of the choices made from the previous rules of this restriction is0 CFU
Previous rule Skip forward Next rule

You will first see again the course choices offered by the Master degree. Select one course and then "**Next rule**" or click on "**Skip forward**" to select from the full academic offer of the University of Padua.



## How to fill in the Study Plan

#### Step 13. Choose 9 CFU of free choice from the entire academic offer

In this step you click on "Add activity".

UNVERSITÀ DECLI STUDI DI PADOVA				Uniweb			MENU
# > Study olan > Choice of	the course units						
Choice of t	he course units –	Study Plan of: Nam	e Lastname - [MAT. XXXXX	(X]			
If the rule has not be fu PLEASE NOTE The use of the browse The sum of the choice • Rule No.9: A scelt • Rule No.10: A sc	ifilied, you will be asked to select a de er keys to go forward or backward i s made from the following rules m ta proposti Selected:9 CFU elta in Ateneo Choose from 6 up to	gree course to display the list of the course n wizard can cause anomalies or errors ust bebetween9 - 14 CFU - 14 CP	e units of each course track if the rule is optional, you can : in filling in the study plan. Keep to the navigation sugg	kip forward to the next one. ested in the page.			
Rule - No.10 - No year	r of course	hears from 5 up to 14 CD from amount the					
Elective modules offere	a by other study courses at Unipd - C	ti insegnamenti possono essere selezionat	courses on otter	ti in Atanan. Di camulto notrai calazionare i craditi i	libari solo tra di insegnamenti non offerti dal	l Corro di Studio. Sa intandi invaca calazion	aara solo
insegnamenti offerti da	l Corso di Studio, ti invitiamo a tornar	re alla regola precedente.	sia tra quelli onerti dai corso di studio che tra quelli eroga	iu în Ateneo. Di seguito potrai selezionare i credici	ilden solo dia gli insegnamenti non orierti dai	r corso di studio, se intendi invece selezior	lare solo
<ul> <li>Selection of teach</li> <li>Selection of the d</li> <li>Selection of the to</li> </ul>	ning activities from the booklet legree course eaching activity						
		Previous rule		Skip		Add activity	
Information about th Percorso di Studio	e study plan you are completing MATHEMATICAL MODELLING FOR	ENGINEERING AND SCIENCE					
scelto:							
Cohort:	2022						
The sum of the choice	s made from the previous rules of t	this restriction is9 CFU					



## How to fill in the Study Plan

#### Step 14. Choose 9 CFU of free choice from the entire academic offer

Now, you can see the entire academic offer of the University. You can click on the degree programmes to see the individual course offer.

UNIVERSITÀ DECLISTERI DI PARRA	Uniweb	MENU
* » <u>Study plan</u> » Course units choice		
Choice of the course units – Study plan of Name Lastname - [r	WAT. XXXXXXXJ	
This page shows the list of the degree courses: click on one of them to see the teaching activities it offers.		
[D150000] - DEPARTMENT OF MEDICINE		
[F0376] PREVENTIVE AND ADAPTED PHYSICAL ACTIVITY		
[ME1844] NURSING		
[ME1853] Dietistic		
(ME1857) BIOMEDICAL LABORATORY TECHNIQUES		
(METRON) HEALTH PROPESSIONS OF TECHNICAE SCIENCES (DIAGNOSTIC)		
[D210000] - DEPARTMENT OF BIOLOGY		
[IE1839] BIOTECHNOLOGY		
[SC1161] Natural Science		
[ <u>SC1165] BIOLOGY</u>		
[SC1166] MOLECULAR BIOLOGY		
(SC1177) Sanitary Biology		
ISC17311 INDUSTRIAL BIOTECHNOLOGY		
[SC2445] MOLECULAR BIOLOGY		
[SC2596] MARINE BIOLOGY		
[SC2649] NATURAL AND ENVIRONMENTAL SCIENCES		
[SC2650] ENVIRONMENTAL SUSTAINABILITY AND EDUCATION		



## How to fill in the Study Plan

#### Add a course of free choice from the University's academic offer

Once you selected a degree programme, you can see the course list and add one by clicking on the green plus.

🕷 = <u>Plano di studio</u> = Scelta Attività Didattiche

Choice of the course units Name Lastname - [MAT. XXXXXX]

This page shows the teaching activities you can choose within each track. Selected course units			
Description		Credits (CFU)	Delete
[SC02119739] COMPLEMENTARY MATHEMATICS		6	<b>a</b>
Course units you can select from the degree course MATHEMATICS			
Mathematics [Degree course structure: 2022]			
Description		Credits (CFU)	Aggiungi
[SCQ0093998] ADVANCED ANALYSIS		8	+
[SCQ2101559] ADVANCED STOCHASTIC PROCESSES		7	+
[SCQ0094306] ALGEBRAIC GEOMETRY 1		8	+
[SCQ0094305] ALGEBRAIC GEOMETRY 2		6	+
[SCQ0093999] CALCULUS OF VARIATIONS	Remember!	8	+
[SCQ0094309] COMMUTATIVE ALGEBRA		8	+
[SCQ0094308] COMPLEX ANALYSIS	It is advised to choose courses which are <b>in</b>	6	+
[SCQ0093658] CRYPTOGRAPHY	it is advised to choose courses which are in	6	*
[SCQ1098739] DEVELOPMENT OF MATHEMATICAL THOUGHT	line with the study programme of the Master	6	+
[SCQ0093962] DIFFERENTIAL EQUATIONS	ine with the study programme of the Master	6	+
[SCQ0093963] DIFFERENTIAL GEOMETRY	degree in Methematical Engineering in order to	8	+
[SCQ0094084] DYNAMICAL SYSTEMS	degree in Mathematical Engineering in order to	7	+
[SC01119740] ELEMENTARY MATHEMATICS FROM A SUPERIOR POINT OF VIEW	have the elective equirage energy ed	6	+
[SC02119885] EXPERIMENTS FOR THE TEACHING OF PHYSICS	have the elective courses approved.	6	+
[SCQ0094119] FUNCTIONS THEORY		8	+
[SCQ0094081] HAMILTONIAN MECHANICS		6	+
[SCQ0093960] HARMONIC ANALYSIS		6	+
[SCQ0094302] HOMOLOGY AND COHOMOLOGY		6	+
[SCQ0094303] INTRODUCTION TO GROUP THEORY		8	+
[SCQ0094080] INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS		8	+

In order to confirm your choice click on "**Back to the rule**". The courses selected will be shown in a summary before moving on with the procedure. To remove the course previously chosen click on "**Delete**". Click on "**Change degree course**" to go back to the overview.



## How to fill in the Study Plan

#### **Step 15. Confirm your choice**

By clicking on next rule, you will add the courses selected in the study programme and proceed with the last steps of finalizing your study plan.

ENDERTA RELUSTRY IN PROV	Uniweb	9	MENU
• • <u>Stady taka</u> • Choice of the course units <u>Choice</u> of the course units – Study Plan of: Name Lastname - [MAT. XXXXXXX]			
If the rule has not be fulfilled, you will be asked to select a degree course to display the list of the course units of each course track. If the rule is optional, you can skip forward to the next one. <b>PLEACENDE</b> 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. The sum of the choices made from the following rules must bebetween9 - 14 CFU • Rule No.10: A scetta proposit Selected 5 CFU • Rule No.10: A scetta in Atteneo Choose from 6 up to 14 CP			
Rule - No.10 - No year of course Elective modules offered by other study courses at Unipd - Choose from 6 up to 14 CP from among the courses on offer			
Il numero minimo di CFU "a scelta libera" è 9.1 corrispondenti insegnamenti possono essere selezionati sia tra quelli offerti dal Corso di Studio che tra quelli erogati in Ateneo. Di seguito potral selezionare i crediti liberi s precedente.	ilo tra gli insegnamenti non offerti dal Corso di Studio. Se intendi invece selezionare solo inse	egnamenti offerti dal Corso di Stud	io, ti invitiamo a tornare alla regola
Selection of teaching activities from the booklet     Selection of the degree course     Selection of the teaching activity			
Previous rule Add activity		Next rule	
Information about the study plan you are completing Percense of Studie MATHEMATICAL MODELLING FOR ENGINEERING AND SCIENCE scelate: Year of offer: 2022 Cehert: 2022			
Selected activities: Activities selected within the current rule	CF	:U	Delete
[SC02119739] COMPLEMENTARY MATHEMATICS		6	1
The sum of the choices made from the previous rules of this restriction is6 CFU	TOTAL	6	



It is only possible to proceed to "Next rule", if two elective courses amounting to 12 CFU as well as 9 CFU of free choice have been selected.



## How to fill in the Study Plan

#### **Step 16. Select the final project**

As a last step, you will add the final project. Click on "Next rule" to finalize the study plan.

«+Faced State - Nuk Choice of the course units - Study Plan of Name Lastname - [MAT_XXXXXX]		
PLEASE NOTE The use of the browser keys to go forward or backw	variation without can cause anomalies or errors in filling in the study plan. Keen to the paviestient in the name	
Rule - No.11 - Year of course2	หลาย แสดง สมารณรณรณรณรณรณรณรณรณรณรณรณรณรณรณรณรณรณรณ	
Master thesis - Compulsory educatiuonal activities:		
You finished to fill in your study plan. Remember to clici	k on «FINAL CONFIRMATION» to confirm the Study Plan. Only if you chose a "SUBMITTED STUDY PLAN" you will receive an email after the evaluation by the Academic Committee.	
E FINAL EXAM (IN27106948) - [ CFU: 15 ]		
	Previous rule	Next rule
Information about the study plan you are completi		
Percorso di Studio MATHEMATICAL MODELLING	POR ENGINEERING AND SCIENCE	
scelto: Your of offer: 2022		
Cohort: 2022		
Anti-falm fammanks and acted		
List of teaching activities you have selected while compl	ieting your study plan. They are classified by year of course and ordered by code.	
Course units without year of course		
Code	Descriprion	
SC02119739	COMPLEMENTARY MATHEMATICS (Corso: MATHEMATICS [SC2651])	
Course units - Year of course 1		
Code	Descriprion	
INP5070357	ANALYTICAL AND STOCHASTIC MATHEMATICAL METHODS FOR ENGINEERING	
INP5070341	INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS	
INP5070378	NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS	
INP8084399	SYSTEM IDENTIFICATION AND DATA ANALYSIS	
INP5070520	MATHEMATICAL PHYSICS (C.).	
INP5070384	NUMERICAL METHODS FOR CONTINUOUS SYSTEMS	
INP5070381	STATISTICAL MECHANICS OF COMPLEX SYSTEMS	
INP4068317	ENGLISH LANGUAGE B2 (PRODUCTIVE SKILLS)	
Course units - Year of course 2		
Code	Description	
INP5070421	ADVANCED FLUID MECHANICS	
INP5070424	ELECTROMAGNETISM	
SCP7081700	ADVANCED PHYSICS LABORATORY A (Corso: PHYSICS [SC2382])	
SCP7079406	MATHEMATICAL MODELS AND NUMERICAL METHODS FOR BIG DATA (Cordo: DATA SCIENCE [SC2377])	
INP5070467	ADVANCED QUANTUM PHYSICS	
L		



## How to fill in the Study Plan

#### Step 17. Confirm your study plan

The last page of the procedure includes an overview of all the courses for both academic years as well as the list of elective courses selected. In order to finalize the study plan, click on "**Confirm study plan**".





## How to fill in the Study Plan



If you do not need to make any change, click on "**Confirm Study Plan**" at the bottom of the page.

- Clicking on "**Cancel Plan**", you undo your current selection of the educational activities and you have to complete again your plan.
- Clicking on "**Print Plan**", you can print your Study Plan.

Once you click on "**Final Confirmation**" you can double-check that the Study Plan was correctly filled in by refreshing the page. If the status is "**APPROVED**", the Study Plan is correctly filled.



## How to change the Study Plan

#### **Give a feedback**

You will be asked to express anonymously your opinion on the Study Plan procedure through the questionnaire.

#### **Change the Study Plan**

Within the time window defined by the Department Regulation it is always possible to modify your study plan or create a new one.

- Log in on UNIWEB
- Click on "Study Plan"
- Click on "Modify Study Plan". You will be asked to complete a NEW Study Plan.

#### Attention: you'll have to repeat the whole procedure from the start

Course units - Year of course 2	
Course unit code	Description
INP5070421	ADVANCED FLUID MECHANICS
INP5070424	ELECTROMAGNETISM
INP5070432	COMPUTATIONAL ASTRODYNAMICS
INP5070433	LABORATORY OF ASTROPHYSICS 1
INP5070467	ADVANCED QUANTUM PHYSICS
INP5070419	SCIENTIFIC COMPUTING AND OBJECT ORIENTED PROGRAMMING
IN27106948	FINAL EXAM
	Modify study plan



### **Key points**

### Key points

- Filling out your Study Plan is mandatory
- The Study Plan must be filled in and presented via UNIWEB
- A "draft" Study Plan is a **NOT** a submitted Plan!
- In order to sit the exams you **must** submit the study plan





## **Common doubts**



## **Common doubts**

- 1. Is it possible to add to my study plan a course unit held in Italian if I know the language?
  - Yes, it is possible
- 2. How can I check the prerequisites of a course unit?
  - Check out the course syllabus: <u>https://en.didattica.unipd.it/off/2024/LM/IN/IN2551</u>
- 3. What can block my study plan?
  - Not being in line with your tuition fees for example, please always make sure!
- 4. How many extra plan course units can I add to my booklet? Is there a limit? How are they considered?
  - The current regulation of the Student Career sets a limit of 24 CFU per academic year for courses chosen outside of your own study programme. It is recommended to focus on your standard curriculum first. They are considered as "fuori piano", i. e. extracurricular.
- 5. Who can I contact for any doubts or question?
  - International Desk @ ICEA
  - Student & Teaching Staff Office
  - <u>Prof. Antonia Larese</u> (for any questions on the Submitted Study Plan)



## Any further questions?



# Thank you for your attention!

International Desk @ ICEA