

**MINORS**

OR THEMATIC SCHOOLS

**TUTORSHIPS**

**MULTIDISCIPLINARY  
PROJECTS**

# Spring KICKOFF MEETING

**2<sup>nd</sup> semestre**

**Anne-Laure Simonelli**

[anne-laure.simonelli@univ-cotedazur.fr](mailto:anne-laure.simonelli@univ-cotedazur.fr)

**25/01/2024**

# Program

---

<b>12h05</b>	<b>Spring 2024 DS4H Multidisciplinary Options Overview</b>
<b>12h15</b>	<b>ADAMS Students Association</b>
<b>12h20</b>	<b>Spring 2024 DS4H Multidisciplinary Options in depth</b>
12h20	Students' Supervision Training for PhD Candidates
12h25	Minors (for Master and PhDs)
13h30	Thematic Schools (for Master and PhDs)
13h40	Research Projects
<b>13h50</b>	<b>Option wishes selection process and deadline</b>

---

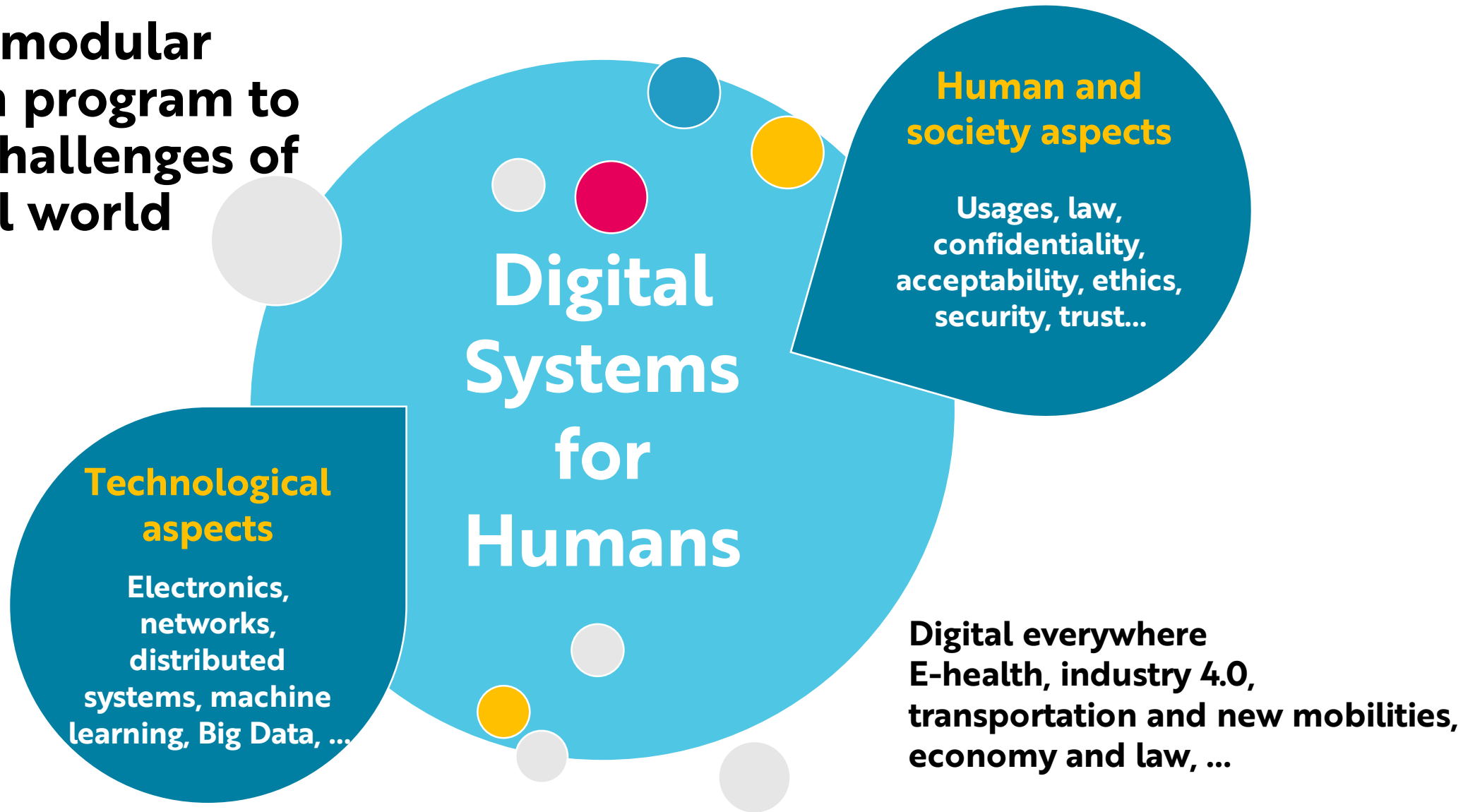
12h05

Spring 2024

DS4H Multidisciplinary Options

Overview

> A fully modular education program to face the challenges of the digital world



# A fully modular education program

## Your Master Curriculum

**Mandatory  
Disciplinary  
Courses**



**Disciplinary  
Options**



**Optional Courses**

**DS4H multidisciplinary  
options**

**Minors /  
Thematic  
schools**

**Projects**

## Your PhD Curriculum

**Thesis**



**« heures de formation »**

**DS4H multidisciplinary  
options**

**Minors /  
Thematic  
schools**

**Students'  
Supervision  
Training**

**Being supervisors of  
Master students within  
research projects**

# DS4H Options – Who is concerned?

Curriculum	Initial Training		Apprenticeship	
	Minors/Thematic schools	Projects	Minors/Thematic schools	Projects
M1 Informatique	possible	mandatory	no	no
M1 MIAGE	mandatory	possible	no	no
M1 Electronique	possible	possible	no	no
M1 Stratégie Digitale	possible	possible	possible	possible
M2 Stratégie Digitale	possible	possible	possible	possible
M1 Droit des affaires	possible	possible	-	-
M1 HIC MAJIC	possible	no	-	-
M2 HIC MAJIC	possible (UE complémentaire)	no	-	-
M2 HIC MAPIC	possible	no	possible	no
M1 Ergonomie ECTN	mandatory	no	mandatory	no
M1 LEA LAI RFI	mandatory	no	no	no
ED DESPEG	possible	possible as a supervisor	-	-
ED SHAL	possible	possible as a supervisor	-	-
ED STIC	possible	possible as a supervisor	-	-

# DS4H Options – Who is NOT concerned

- M2 informatique
- M2 MIAE INTENSE
- M2 MIAE SIRIS
- M2 MIAE MBDS
- M2 MIAE IA2
- M2 Electronique
- M2 Droit de la propriété intellectuelle et des nouvelles technologies
- M1 and M2 EiT Digital
- M1 HIC MAPIC
- M1 and M2 LTITPC
- M2 LEA TRE

Choices within  
DS4H Minors / Thematic Schools / Projects  
**ARE NOT** open to you  
this semester

# Master Students – Spring 2024 offer

## DS4H multidisciplinary options

### Minors / Thematic schools

- 14 minors
- 2 thematic schools

### Research Projects

Research Project  
in tutorship

Multidisciplinary  
Research Project

**APPRENTICES: No access to DS4H offer** apart from M1 Ergonomics ECTN / M1 + M2 SD / M2 HIC MAPIC / M2 informatique (except Ubinet)

**Select 3 minors/thematic schools in order of preference  
and/or 1 project according to your training**

**Deadline: January 29th!**



## DS4H Minors

- 3 ECTS
- On Thursday mornings
- No prerequisite
- From late Feb to mid-April
- In English

<https://ds4h.univ-cotedazur.eu/minors>

## DS4H Thematic schools

- 3 ECTS
- From May 27<sup>th</sup> to May 31<sup>st</sup>
- No prerequisite
- In English

<https://ds4h.univ-cotedazur.eu/thematic-schools>

## DS4H Research Projects

- 3 to 6 ECTS
- One day / week for a minimum of 8 weeks
- + one full week immersion (from April 22<sup>nd</sup> to April 26<sup>th</sup>)

<https://ds4h.univ-cotedazur.eu/projects>

# PhD candidates – Spring 2024 offer

## DS4H multidisciplinary options (« heures de formation »)

### Minors / Thematic schools

- 14 minors
- 2 thematic schools

### Students' Supervision Training

### Research Projects

Be the supervisor  
for a master  
student

**Select your minor/thematic school and your training on ADUM**

<https://www.adum.fr/UCA/formations>

**Deadline: January 29th!**

# All you need to know is on Wishes Portal



<https://ds4h.univ-cotedazur.fr/wishes>





**Anne-Laure Simonelli**

**Innovative Pedagogy Leader**

**[anne-laure.simonelli@univ-cotedazur.fr](mailto:anne-laure.simonelli@univ-cotedazur.fr)**



**Virginie Valot**

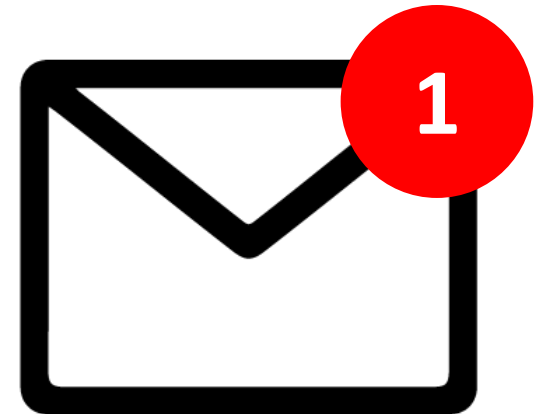
**Innovative Pedagogy Advisor**

**[virginie.valot@univ-cotedazur.fr](mailto:virginie.valot@univ-cotedazur.fr)**

# Check your mailbox!

**Don't miss any emails from the University!**  
**SET UP AN AUTOMATIC TRANSFER**  
**from your @etu.univ-cotedazur.fr account**  
**to your favorite one!**

1. Go to your « ENT », section « Ma messagerie »
2. Click on the gear ⚙ at the top right of the page
3. Click on « Paramètres de mes applications > Courrier »
4. Click on « Comptes > Transfert »
5. Type in the e-mail address of your choice
6. Tick the box « Conserver une copie » and click on « Enregistrer »



WELCOME

DS4H  
ADAMS

UNIVERSITÉ  
CÔTE D'AZUR



ÉCOLE UNIVERSITAIRE DE RECHERCHE  
**SYSTÈMES NUMÉRIQUES  
POUR L'HUMAIN**



DS4H  
ADAMS

**D**igital  
**S**ystems  
**4** (for)  
**H**umans

**A**ssociation  
**D**octoral  
**A**nd  
**M**aster's  
**S**tudents

An **association** that brings together **masters** and **doctoral students** from **different disciplines**

**WHY**  
DS4H ADAMS



---

Computer Science + Economy + Electronics + Law + MIAGE

STIC + SHAL + DESPEG

---

- Give Master's students the opportunity to become familiar with the **research world** from the outset!
- Promote networking! Facilitate **multidisciplinary meetings and projects**



**DS4H ADAMS**

Thursday December  
Karaoke Party  
From 20H  
At the :  
**AKATHOR**

Dress code  
Christmas  
**RED and WHITE**

32 Cours Saleya  
06300 Nice  
\* Sanitary Pass Mandatory



**DS4H ADSTIC + ADAMS**

ARE GLAD TO INVITE YOU TO

**MEET'N DRINK**

AFTERWORK

**THURSDAY 17**  
**17.30 MK BAR IN S**  
**1 FREE DRINK +**



DIGITAL SYSTEMS  
FOR HUMANS

**Student Party**

June, 13



DIGITAL SYSTEMS  
FOR HUMANS  
GRADUATE SCHOOL AND RESEARCH

UNIVERSITÉ  
CÔTE D'AZUR

**DS4H  
END OF THE YEAR PARTY**

Campus Saint-Jean d'Angely  
Nice Vauban  
Thursday 15 June  
6.30 PM to 11 PM  
reserve before the 12th june



**WINTER**

**CAMP**

**LA COLMIAN**

**20 - 21 JANUARY**  
ONLY 30 AVAILABLE PLACES



ADAMS PRÉSENTE

**SPÉCIALE PROMO**

**50% RÉDUCTION**

**CODE : ADAMS50**

SUR LES BILLETS EN CATÉGORIE 3  
SUR TOUS LES MATCHS DE LA SAISON  
2023 2024



**SHARKS**

**Karaoke WELCOME PARTY**  
**SOIRÉE D'INTÉGRATION**

**21H00**  
COME AND SING WITH US!  
PUB AKATHOR - 32 COURS SALEYA, NICE

**#ADAMSPARTY**

DO NOT MISS OUR QUIZ AT 17H00, AMPHI FORUM  
BEER VOUCHERS TO WIN FOR TONIGHT AS WELL AS MANY OTHER PRIZES!



**OCT 25  
21H00**  
BAR 2.0, NICE  
4 RUE CENTRALE

**Halloween Party**

ONE FREE DRINK FOR THE 50 FIRST TO ARRIVE  
THE BEST COSTUMES  
WILL BE REWARDED!





# Digital Graphics Contest

**DeadLine : February, 11 2024**

- The logo must include the word: ADAMS in full
- ADAMS: Association of Doctoral and Masters' student from EUR DS4H
- Open to DS4H members only
- Don't use a registered logo
- The chosen designer will win a prize.
- File name example: RodriguezInfoM1

DEPOSIT BOX



# We've done minors and tutorships

Ask us questions,  
Ask our opinion on a particular minor, etc.

## MEET THE CREW

### DS4H ADAMS

---

# JOIN US !

## WE NEED YOU !



**DS4H.ADAMS@GMAIL.COM**

 **DS4H\_\_ADAMS**

- **Administrative, logistic and marketing management**
- **Communication (university, mail, social media)**
- **Graphic design**
- **Event organisation**
- **Technical operations (set-up video, video editing, photography, DJ ...)**
- **No skills but want to LVL UP**

12h20

Spring 2024

**DS4H Multidisciplinary Options  
for Master Students and PhD Candidates**

*In depth*

# Students' Supervision Training (SST) + supervision of master students conducting a research project

<https://ds4h.univ-cotedazur.eu/phd-sst>

- For PhD Candidates
- Without prerequisite

You can submit your project(s) through this site:

<http://erebe-vm6.i3s.unice.fr:8080/europtions/DS4HProjectSubmission.html>

## « Students' Supervision Training »

- Role of Supervisor
- Effective Communication and Active Listening
- How to give constructive Feedback
- Reflexive Session

Sessions include theory and practice as well as role play.

## Submit a research project and supervise a master student

- You're paid or get « formation » hours (7,5h)
- You get part of your PhD work done by a master student
- You get new perspectives on your work
- You get experience in supervising students

**FOR PhD CANDIDATES**

## PhD COURSE

# Students' Supervision Training

Coordinator:  
Anne-Laure SIMONELLI



### FORMAT

Classroom

### LOCATION

Campus  
SophiaTech

### PREREQUISITES

Being a PhD  
Candidate from  
Université Côte  
d'Azur

### CAPACITY

10 students

## WHAT YOU'LL LEARN?

- Understand the role of the supervisor
- Identify supervision techniques
- Identify occasions when written or oral communication is appropriate
- Effective Communication
- Understand what constitutes a successful meeting
- Encourage and realize the importance of constructive feedback
- Enable processing active self reflection

- For PhD candidates only (SHAL, DESPEG, STIC)
- In English
- Without prerequisites





# Students' Supervision Training

Coordinator:  
Anne-Laure Simonelli (DS4H)



## SCHEDULE

Date	Time slot	Course title	Location
03/04/2024	12h00-14h00	SST#I - Being an effective supervisor	Campus Sophia Tech, Lucioles, room TD14
10/04/2024	12h00-14h00	SST #II a - Feedback Theory	Campus Sophia Tech, Lucioles, room TD14
02/05/2024	8h30-12h30	SST #II a - Feedback Practice	Campus Sophia Tech, Lucioles, room TD14
	13h30-17h30	SST #II a - Feedback Practice	Campus Sophia Tech, Lucioles, room TD14
03/05/2024	8h30-12h30	SST #II a - Feedback Practice	Campus Sophia Tech, Lucioles, room TD14
	13h30-17h30	SST #II a - Feedback Practice	Campus Sophia Tech, Lucioles, room TD14
15/05/2024	12h00-14h00	SST #II b - Feedback from feedback	Campus Sophia Tech, Lucioles, room TD14
22/05/2024	12h00-14h00	SST #III - Role play	Campus Sophia Tech, Lucioles, room TD14
29/05/2024	12h00-14h00	SST#IV - Reflexive session	Campus Sophia Tech, Lucioles, room TD14



12h25

Spring 2024

DS4H Minors

<https://ds4h.univ-cotedazur.eu/minors>



# DS4H minors in a nutshell



- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- No prerequisite \*
- From the end of February to mid-April
- In English

<https://ds4h.univ-cotedazur.eu/minors>

# Spring 2024

## DS4H minors catalog

**Additional courses allowing you to access new disciplines alongside your major.**

- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- In English
- Without prerequisites (you check!)

### Technical

- Quantum Technologies
- Quantum Computing and Networking
- IoT – Objets connectés
- Technological Challenges in the IoT Domain
- Programming 3D Games on the Web

### Business

- Digital IP and Law
- Digital Strategy
- Website creation Workshop
- DeepTech Entrepreneurship

### Innovation and Creativity

- Innovation and Design Thinking
- Innovation and Creativity

### Digital Culture

- Anthropology and Ethics of Technics

### Personal development

- Introduction to Scientific Research
- Tools 2 Communicate

<https://ds4h.univ-cotedazur.eu/minors>

# Spring 2024 DS4H minors catalog

**Additional courses allowing you to access new disciplines alongside your major.**

- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- In English
- Without prerequisites (you check!)

## Technical

- Quantum Technologies
- Quantum Computing and Networking
- IoT – Objets connectés
- Technological Challenges in the IoT Domain
- Programming 3D Games on the Web

## Business

- Digital IP and Law
- Digital Strategy
- Website creation Workshop
- DeepTech Entrepreneurship

## Innovation and Creativity

- Innovation and Design Thinking
- Innovation and Creativity

## Digital Culture

- Anthropology and Ethics of Technics

## Personal development

- Introduction to Scientific Research
- Tools 2 Communicate

<https://ds4h.univ-cotedazur.eu/minors>

# Quantum Technologies

Coordinators:  
Virginia D'Auria  
Olivier Alibert

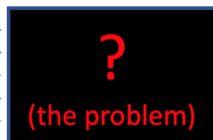


Disruptive in fundamental sciences, information technologies, sensing  
(societal impact, \$106b market size in 2040, national sovereignty...)

## A Quantum talent gap!

Groover search algorithm : *an exemple from last year's students*

Unstructured search :



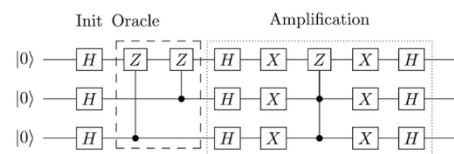
Which input gives  
this output?



**Mathematicians:** evaluate  
classical limits  $O(N)$

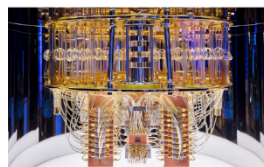
**Q Physicists, mathematicians:**  
translate it into a Q.problem  $O(\sqrt{N})$

Q. Techs



**Computer scientist, maths, physicists:**  
code the Q. algorithm

Q. Techs



**Material scientists, physicists, system engineers,  
electronicists, data analysts.... :**  
implement it in a Q. computer

Q. Eng.

**Chemists,  
economists,  
astrophysicists,  
mathematicians,  
geologists,  
engineers.... :**  
apply it to practical  
cases!!

Q. Engineering/  
Q. Technos

**Q. Awareness: Add your CV competences spendable in Q. market**

MINOR

# Quantum Technologies

Coordinators:  
Virginia D'Auria  
Olivier Alibert



FORMAT

Classroom+Workshop

LOCATION

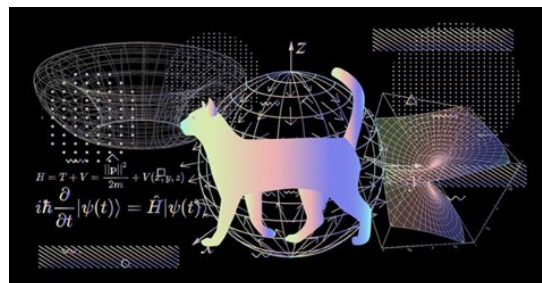
Campus Valrose

PREREQUISITES

- Basic linear algebra,
- English level: B1

CAPACITY

20 students



## WHAT YOU'LL LEARN?

- Understand the principle (and formalism) of main Q. technos.
- Understand why and how Q. Technos can interest your discipline
- Understand how your discipline stimulates or enables the development of Q. Technos

### 5 sessions : introductory CM

- Learn Q. techno language
- Understand operational Q. Technos
- Know Q. technos panorama

&

### 3 sessions : Workshop

*Case studies chosen (and presented) by students*

UNIVERSITE COTE D'AZUR : member of the national projet QuantEdu France

MINOR

# Quantum Technologies

Coordinators:  
Virginia D'Auria  
Olivier Alibart



## SCHEDULE

29/02/2024	9h00-12h00	Introduction to quantum technologies (general concepts)	Virginia D'Auria	Campus Valrose, room M26
07/03/2024	9h00-12h00	Practical quantum technologies and identification of different case studies	Virginia D'Auria	Campus Valrose, room M26
14/03/2024	9h00-12h00	Quantum computing and quantum simulators	Olivier Alibart	Campus Valrose, room M26
21/03/2024	9h00-12h00	Quantum computing and quantum simulators	Olivier Alibart	Campus Valrose, room M26
28/03/2024	9h00-12h00	Quantum communication and quantum internet	Olivier Alibart	Campus Valrose, room M26
04/04/2024	9h00-12h00	Workshop on chosen case studies	Virginia D'Auria, Olivier Alibart	Campus Valrose, room M26
11/04/2024	9h00-12h00	Workshop on chosen case studies	Virginia D'Auria, Olivier Alibart	Campus Valrose, room M26
18/04/2024	9h00-12h00	Workshop on chosen case studies/students' presentation	Virginia D'Auria, Olivier Alibart	Campus Valrose, room M26



MINOR

# Quantum Computing and Networking

Coordinator:  
Ramon Aparicio Pardo



## FORMAT

Classroom

## LOCATION

Campus SophiaTech,  
Templiers

## PREREQUISITES

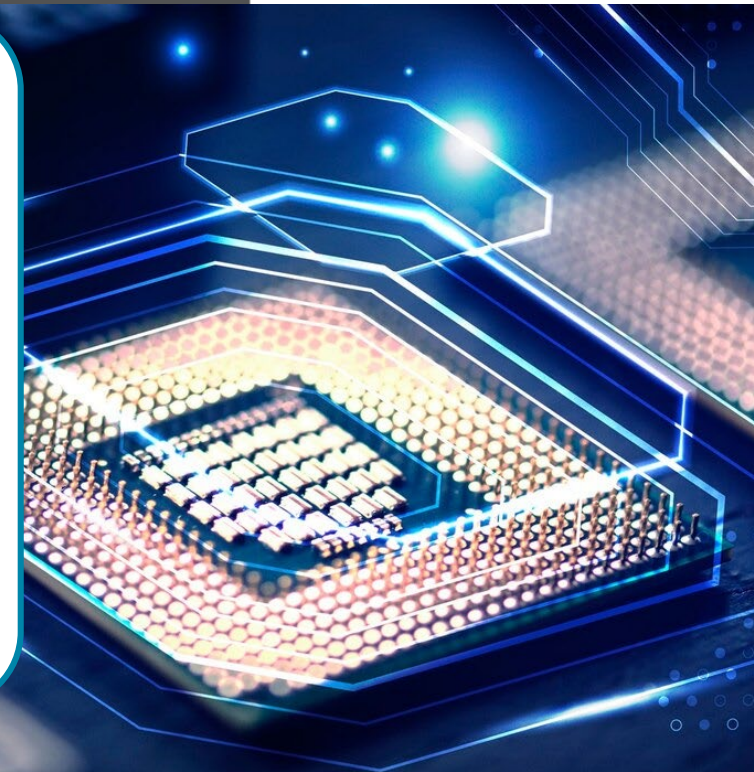
Discrete probability (conditional probability, independent events, ...), linear algebra (matrix operations, eigenvalues/vectors, norms, ...). Notions of algorithm analysis and networking are a useful plus.

## CAPACITY

25 students

## WHAT YOU'LL LEARN?

- Learn the fundamentals of quantum computing and quantum communications.
- Basic introduction of some experimental observations which justify quantum mechanics principles.
- Introduction to the concepts of quantum bits and describe how to manipulate them through quantum circuits.
- The advantages of quantum computing will be illustrated through some specific examples and algorithms including quantum search, quantum teleportation, and quantum random walks.





MINOR

# Quantum Computing and Networking

Coordinator:  
Ramon Aparicio Pardo



## SCHEDULE

29/02/2024	9h00-12h00	Introduction to quantum mechanics	Ramon Aparicio Pardo	Campus SophiaTech, Templiers, room E309
7/03/2024	9h00-12h00	Quantum gates and quantum computers	Ramon Aparicio Pardo	Campus SophiaTech, Templiers, room E309
14/03/2024	9h00-12h00	Quantum coding	Ramon Aparicio Pardo	Campus SophiaTech, Templiers, room E309
21/03/2024	9h00-12h00	Devices for quantum communications	Virginia D'Auria	Campus SophiaTech, Templiers, room E309
28/03/2024	9h00-12h00	Quantum random walks	Konstantin Avrachenkov	Campus SophiaTech, Templiers, room E309
4/04/2024	9h00-12h00	Quantum algorithms	Ramon Aparicio Pardo	Campus SophiaTech, Templiers, room E309
11/04/2024	9h00-12h00	Quantum communications	Ramon Aparicio Pardo	Campus SophiaTech, Templiers, room E309
18/04/2024	9h00-12h00	Written exam	Ramon Aparicio Pardo	Campus SophiaTech, Templiers, room E309

MINOR

# IoT – Objets connectés

Coordinator:  
Didier Orlandi



## FORMAT

Classroom

## LOCATION

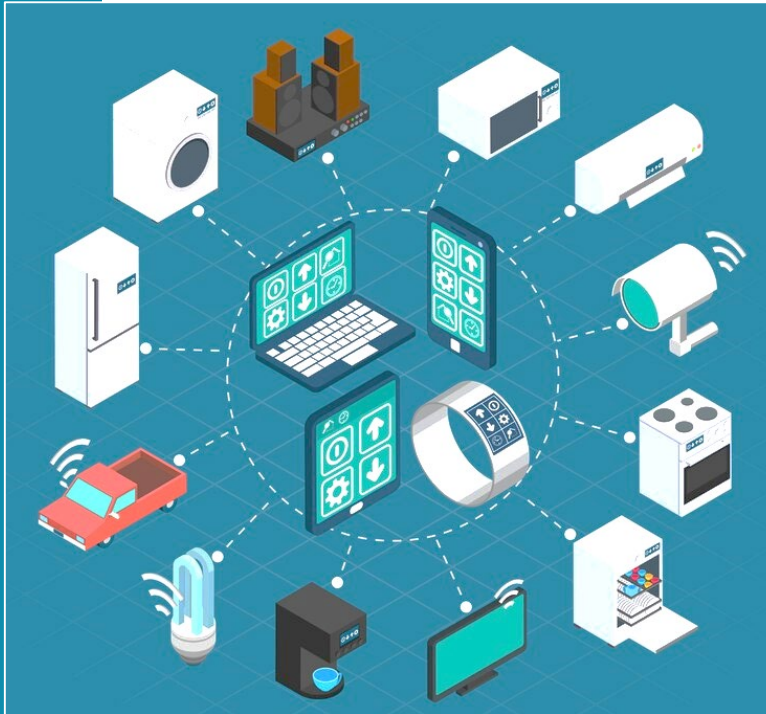
Campus Valrose,  
FabLab

## PREREQUISITES

See below

## CAPACITY

students



## WHAT YOU'LL LEARN?

- Securely implement any connected system.
- Know the different communication protocols: MQTT, LORAWAN, ...
- Create a web interface to visualize data from connected objects.
- Publish a video stream (webcam, IP camera, camera, etc.)
- Create or modify basic programs in Python language, in C language (Arduino), design web pages in HTML5 and javascript.

MINOR

# IoT – Objets connectés

Coordinator:  
Didier Orlandi



## SCHEDULE

29/02/2024	9h00-12h00	Presentation of the communication chain of a connected object. Introduction to the different types of microprocessors (arduino, STM32) Implementation of simple sensors with arduino. Choice of a connected objects project to realize.	D. Orlandi, P. Aplincourt, G. Huillard	Campus Valrose, FabLab
7/03/2024	9h00-12h00		D. Orlandi, P. Aplincourt, G. Huillard	Campus Valrose, FabLab
14/03/2024	9h00-12h00	LORA, LORAWAN presentation Implementation of the LORAWAN UCA board. Management of connected object project groups.	D. Orlandi, P. Aplincourt	Campus Valrose, FabLab
21/03/2024	9h00-12h00	Connected objects projects supervision	D. Orlandi, G. Huillard	Campus Valrose, FabLab
28/03/2024	9h00-12h00	Connected objects projects supervision	P. Aplincourt, G. Huillard	Campus Valrose, FabLab
4/04/2024	9h00-12h00	Discussions about the chosen case studies Bibliography research	D. Orlandi, P. Aplincourt	Campus Valrose, FabLab
11/04/2024	9h00-12h00	Discussions about the chosen case studies Bibliography research	D. Orlandi, G. Huillard	Campus Valrose, FabLab
18/04/2024	9h00-12h00	Connected objects projects presentation	D. Orlandi, P. Aplincourt, G. Huillard	Campus Valrose, FabLab

MINOR

# Technological Challenges in the IoT Domain

Coordinator:  
Yves Roudier



## FORMAT

Classroom + online  
synchronous  
sessions

## LOCATION

Campus  
SophiaTech,  
Lucioles and online,  
depending on the  
session (see  
schedule)

## PREREQUISITES

No

## CAPACITY

20 students

## WHAT YOU'LL LEARN?

- **Technical understanding about the issues underlying the lifecycle of Internet of Things systems**
- **Basic knowledge and hands-on experience about technical solutions for the design, development, and operations of Internet of Things systems**

## INTERNET OF THINGS

## CONTENTS

**Both technical and societal viewpoints:**

- **Distributed infrastructures for connected objects**
- **Security and privacy for IoT**
- **Introduction to data valorization**
- **Hands-on experience with low-code deployment of a secure IoT application**

MINOR

# Technological Challenges in the IoT Domain

Coordinator:  
Yves Roudier



## SCHEDULE

29/02/2024	9h00-12h00	Security and privacy for IoT	Yves Roudier	Campus SophiaTech, Lucioles, room TD06
7/03/2024	9h00-12h00	Security and privacy for IoT	Yves Roudier	Campus SophiaTech, Lucioles, room TD06
14/03/2024	9h00-12h00	Distributed infrastructure for connected objects	Jean-Yves Tigli	Campus SophiaTech, Lucioles, room TD06
21/03/2024	8h00-12h00	Project	Jean-Yves Tigli and Yves Roudier	Campus SophiaTech, Lucioles, room TD06
28/03/2024	9h00-12h00	Distributed infrastructure for connected objects	Jean-Yves Tigli	Campus SophiaTech, Lucioles, room TD06
4/04/2024	9h00-12h00	Introduction to data valorization	Guilhem Molines	Online synchronous session
11/04/2024	9h00-12h00	Introduction to data valorization	Guilhem Molines	Online synchronous session
18/04/2024	10h00-12h00	Evaluation	Jean-Yves Tigli and Yves Roudier	Campus SophiaTech, Lucioles, room TD06

MINOR

# Programming 3D games on the Web

Coordinator:  
Michel Buffa



## FORMAT

Classroom

## LOCATION

Campus  
SophiaTech,  
Lucioles

## PREREQUISITES

JavaScript basic  
knowledge.

## CAPACITY

30 students



## WHAT YOU'LL LEARN?

- Understand of a **3D game** is designed : main parts, etc.
- Understand **how to load asynchronously 3D models** and use them in a game,
- **Use different cameras, viewports, lightning models**
- Use a physic engine, and know what you can do and cannot do with different engines
- Interact with the different elements of a 3D scene
- **Use particle systems** to render explosions, smoke, snow, etc.



MINOR

# Programming 3D games on the Web

Coordinator:  
Michel Buffa



## SCHEDULE

29/02/2024	9h00-13h00	Campus SophiaTech, Lucioles, room TD12
07/03/2024	9h00-13h00	Campus SophiaTech, Lucioles, room TD12
28/03/2024	9h00-13h00	Campus SophiaTech, Lucioles, room TD14
04/04/2024	9h00-13h00	Campus SophiaTech, Lucioles, room TD12
11/04/2024	9h00-13h00	Campus SophiaTech, Lucioles, room TD12
18/04/2024	9h00-13h00	Campus SophiaTech, Lucioles, room TD12

# Spring 2024 DS4H minors catalog

**Additional courses allowing you to access new disciplines alongside your major.**

- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- In English
- Without prerequisites (you check!)

## Technical

- Quantum Technologies
- Quantum Computing and Networking
- IoT – Objets connectés
- Technological Challenges in the IoT Domain
- Programming 3D Games on the Web

## Business

- Digital IP and Law
- Digital Strategy
- Website creation Workshop
- DeepTech Entrepreneurship

## Innovation and Creativity

- Innovation and Design Thinking
- Innovation and Creativity

## Digital Culture

- Anthropology and Ethics of Technics

## Personal development

- Introduction to Scientific Research
- Tools 2 Communicate

<https://ds4h.univ-cotedazur.eu/minors>



MINOR

# Digital Intellectual Property and Law

Coordinator:  
Frédéric Marty



## FORMAT

Classroom

## LOCATION

Campus Trotabas

## PREREQUISITES

No

## CAPACITY

20 students

## WHAT YOU'LL LEARN?

- **Acquire essential knowledge about the legal, economic, and managerial issues induced by digital markets and the algorithms-driven economy**
- **Master fundamental notions of data protection law, consumer law, and competition law applied**
- **Discover basic notions necessary to understand and appropriate economic science and management sciences concepts, models, and insights to analyze the incentives of market players and the dynamics of digital markets**



MINOR

# Digital Intellectual Property and Law

Coordinator:  
Frédéric Marty



## SCHEDULE

29/02/2024	8h00-12h00	Competition Law and Digital Markets	Nathalie Nielson	Campus Trotabas, room 404
7/03/2024	8h00-12h00	Competition Law and Digital Markets	Nathalie Nielson	Campus Trotabas, room 404
14/03/2024	8h00-12h00	Consumer protection and digital manipulations	Jeanne Mouton	Campus Trotabas, room 404
28/03/2024	8h00-12h00	Consumer protection and digital manipulations	Jeanne Mouton	Campus Trotabas, room 404
11/04/2024	8h00-12h00	Anticompetitive digital practices	Frédéric Marty	Campus Trotabas, room 404
18/04/2024	8h00-12h00	Anticompetitive digital practices	Frédéric Marty	Campus Trotabas, room 404

MINOR

# Digital Strategy

Coordinator:  
Lise Arena



FORMAT

Classroom

LOCATION

Campus Saint Jean  
d'Angely / IAE

PREREQUISITES

No

CAPACITY

25 students

## WHAT YOU'LL LEARN?

- Identify what degree (maturity) of digital transformation a project could have.
- Acquire the fundamentals in project management through the analysis of real case-studies.
- Develop a critical perspective on digital transformation.
- Understand how digital devices seek to transform organizations (teams, firms, industries and markets)
- Understand also how organizations and economic actors could contribute to the development and the improvement of these new digital devices



MINOR

# Digital Strategy

Coordinator:  
Lise Arena



## SCHEDULE

29/02/2024	9h00-12h00	Digital Strategy	Lise Arena	Campus Saint Jean d'Angély / IAE, room 1A34
7/03/2024	9h00-12h00	Digital Strategy	Lise Arena	Campus Saint Jean d'Angély / IAE, room 1A34
14/03/2024	9h00-12h00	Digital Strategy	Lise Arena	Campus Saint Jean d'Angély / IAE, room 1A34
21/03/2024	9h00-12h00	Digital Strategy	Amir Samani	Campus Saint Jean d'Angély / IAE, room 1A34
28/03/2024	9h00-12h00	Digital Strategy	Amir Samani	Campus Saint Jean d'Angély / IAE, room 1A34
4/04/2024	9h00-12h00	Digital Strategy	Amir Samani	Campus Saint Jean d'Angély / IAE, room 1A34
11/04/2024	9h00-12h00	Digital Strategy	Amir Samani	Campus Saint Jean d'Angély / IAE, room 1A36
18/04/2024	9h00-12h00	Evaluation	Lise Arena	Campus Saint Jean d'Angély / IAE, room 1A34

MINOR

# Website Creation Workshop

Coordinator:  
Nicolas Fogliarini (RR3 Films)



## FORMAT

Classroom + online  
synchronous sessions

## LOCATION

Campus Valrose or  
online depending on  
the session (see  
schedule)

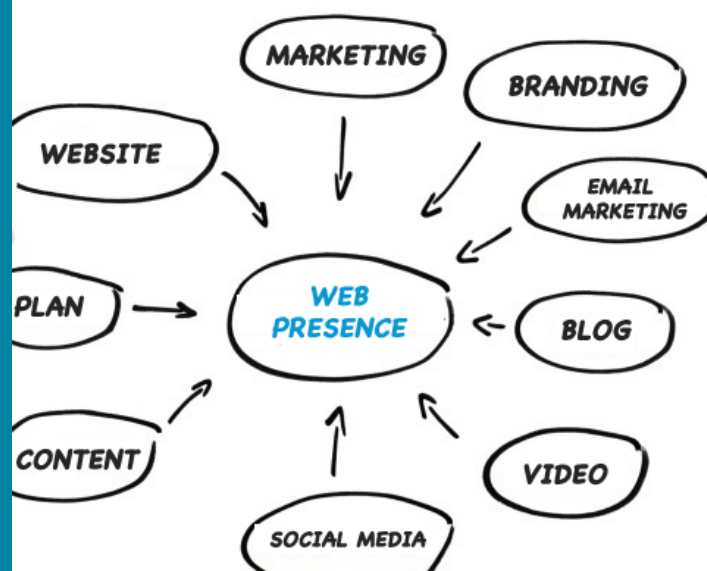
## PREREQUISITES

No

## CAPACITY

20 students

This minor is dedicated  
to beginners, not website  
specialists.



## WHAT YOU'LL LEARN?

- How **to showcase the best of your work**, skills through various medias : websites, online portfolios, blogs, social networks.
- **How to create assets** (posts, photos, videos, graphics, podcasts...) using free tools and their smartphones + computers.
- Work on your online presence and learn how to avoid pitfalls.
- How to collaborate effectively online using video conference.

MINOR

# Website Creation Workshop

Coordinator:  
Nicolas Fogliarini (RR3 Films)



## SCHEDULE

21/03/2024	9h00-13h00	Introduction on various online portfolio's platforms	Campus Valrose, Petit Valrose, room 111
	18h00-19h00	Focus on Google My Business	Online synchronous session
28/03/2024	9h00-13h00	Preparation work and wordpress intro	Campus Valrose, Petit Valrose, room 111
	18h00-19h00	A website that converts	Online synchronous session
4/04/2024	9h00-13h00	Creating content	Campus Valrose, Petit Valrose, room 111
	18h00-19h00	Focus on right clearance	Online synchronous session
11/04/2024	9h00-13h00	Working with themes and plugins, uploading, security...	Campus Valrose, Petit Valrose, room 111
	18h00-19h00	Focus on SEO	Online synchronous session
18/04/2024	9h00-13h00	Working on your own online portfolio last details + examination	Campus Valrose, Petit Valrose, room 111

MINOR

# DeepTech Entrepreneurship

Coordinator:  
Nicolas Bruno



## FORMAT

Online  
synchronous  
sessions +  
asynchronous

## LOCATION

Online

## PREREQUISITES

English: B2

## CAPACITY

30 students

## WHAT YOU'LL LEARN?

- Consider start-up creation like a path of scientific research valorization
- Understand the issue of disruptive innovation
- Understand the links between industry and research
- Know how to assess the economic potential of a scientific asset
- Master the keys of academic spin-off
- Master the essentials issues of intellectual property
- Communicate about your project and funding issues
- Be able to evolve in highly technological environment and to manage an agile company
- Apprehend the territory in the development of its Deeptech ecosystem





MINOR

# DeepTech Entrepreneurship

Coordinator:  
Nicolas Bruno



## SCHEDULE

29/02/2024	9h00-12h00	Deeptech Entrepreneurship Overview	Florent Genoux	Online
07/03/2024	9h00-12h00	Intellectual Property Strategy	Michel Callois	Online
14/03/2024	8h00-11h00	Project Management for disruptive innovation	Virginia Corvino	Online
21/03/2024	9h00-12h00	Production Challenges	Dimitri Taile	Online
28/03/2024	9h00-12h00	Developing relevant and innovative business model	Galena Pisoni	Online
4/04/2024	9h00-12h00	Financing your Startup	Catherine Brun-Page	Online
11/04/2024	9h00-12h00	Identify the right market for your Innovation	Dominique Vian	Online
18/04/2024	9h00-12h00	Creating a Pitch	Sophie Monteil	Online
25/04/2024		Evaluation		Online



# Spring 2024 DS4H minors catalog

**Additional courses allowing you to access new disciplines alongside your major.**

- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- In English
- Without prerequisites (you check!)

## Technical

- Quantum Technologies
- Quantum Computing and Networking
- IoT – Objets connectés
- Technological Challenges in the IoT Domain
- Programming 3D Games on the Web

## Business

- Digital IP and Law
- Digital Strategy
- Website creation Workshop
- DeepTech Entrepreneurship

## Innovation and Creativity

- Innovation and Design Thinking
- Innovation and Creativity

## Digital Culture

- Anthropology and Ethics of Technics

## Personal development

- Introduction to Scientific Research
- Tools 2 Communicate

<https://ds4h.univ-cotedazur.eu/minors>

MINOR

# Innovation and Design Thinking

Coordinator:  
Nicolas Bruno



## FORMAT

Classroom

## LOCATION

Espace Vernassa,  
Campus Saint-Jean  
d'Angély, Nice

## PREREQUISITES

No

## CAPACITY

Variable according  
to the workshops



## WHAT YOU'LL LEARN?

- Acquire an **innovation-oriented mindset**
- **Develop different cross-disciplinary skills** such as critical thinking, cross-functional collaboration, uncertainty management, and creativity.
- Learn how **to approach innovation challenges** typically faced by companies and organizations.
- A first approach to the skills needed to develop an entrepreneurial project.

# Innovation and Design Thinking

Coordinator:  
Nicolas Bruno



## SUMMARY OF WORKSHOPS

### EFFECTUATION

The aim is for students to discover entrepreneurship through the lens of effectuation theory.

Effectuation is a logic of thinking used by entrepreneurs to build successful ventures. It helps people perceiving the world as a set of opportunities: starting from available means allows people achieving affordable goals. Effectuation is at its heart a human problem-solving method developed through research into the mental processes used by expert entrepreneurs

### DESIGN THINKING

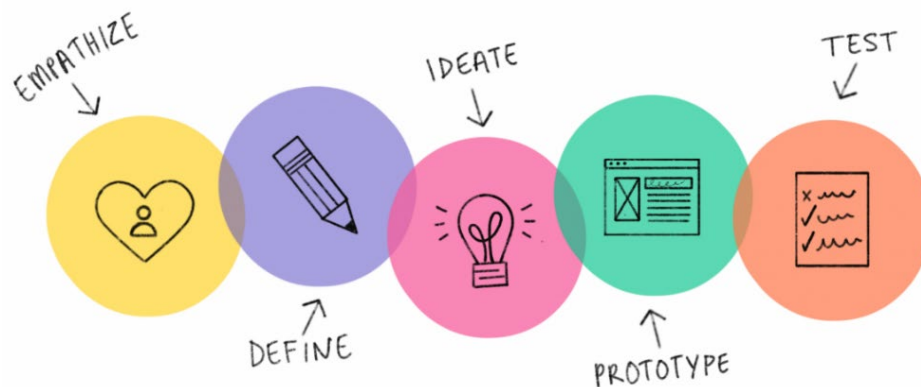
Design Thinking is a customer-centric method of innovation. This method has since spread widely to businesses, government agencies, or non-profit associations to offer products or services to its customers, users, or social domain.

This course describes the Design Thinking method, which can be broken down into distinct phases, and instills this new collaborative and innovative state of mind through teaching focused on immediate practice.

### FIND YOUR WAY (IPSÉITÉ)

The aim is to enable students to refine their knowledge of themselves, to affirm their uniqueness, "to assume their difference in order to make a difference", but also to sharpen their understanding of the world around them, to become aware of the issues at stake today and how they can positively influence it.

By completing the "Find Your Way (Ipséité)" workbook and following its 10 steps, they will respond to an invitation to self-discovery, to better find their place in this uncertain world that needs each and every one of us.



MINOR

# Innovation and Design Thinking

Coordinator:  
Nicolas Bruno



## SCHEDULE

Choose 2 workshops out of 3

Date	Time slot	Workshops	Lecturer	Location
29/02/2024	9h00-13h00	Effectuation	Nelly Farrugia	Campus St Jean d'Angély, Espace Vernassa
7/03/2024	9h00-13h00	Effectuation	Nelly Farrugia	Campus St Jean d'Angély, Espace Vernassa
14/03/2024	9h00-13h00	Design Thinking	Emmanuel Lançon	Campus St Jean d'Angély, Espace Vernassa
21/03/2024	9h00-13h00	Find Your Way (Ipséité)	Nelly Farrugia	Campus St Jean d'Angély, Espace Vernassa
28/03/2024	9h00-13h00	Design Thinking	Emmanuel Lançon	Campus St Jean d'Angély, Espace Vernassa
4/04/2024	9h00-13h00	Find Your Way (Ipséité)	Nelly Farrugia	Campus St Jean d'Angély, Espace Vernassa
11/04/2024	9h00-13h00	Find Your Way (Ipséité)	Nelly Farrugia	Campus St Jean d'Angély, Espace Vernassa
18/04/2024	9h00-13h00	Find Your Way (Ipséité)	Nelly Farrugia	Campus St Jean d'Angély, Espace Vernassa

MINOR

# Innovation and Creativity

Coordinator:  
Cindy De Smet



## FORMAT

Online  
synchronous  
sessions +  
asynchronous

## LOCATION

Moodle Learning  
Management  
System - Zoom

## PREREQUISITES

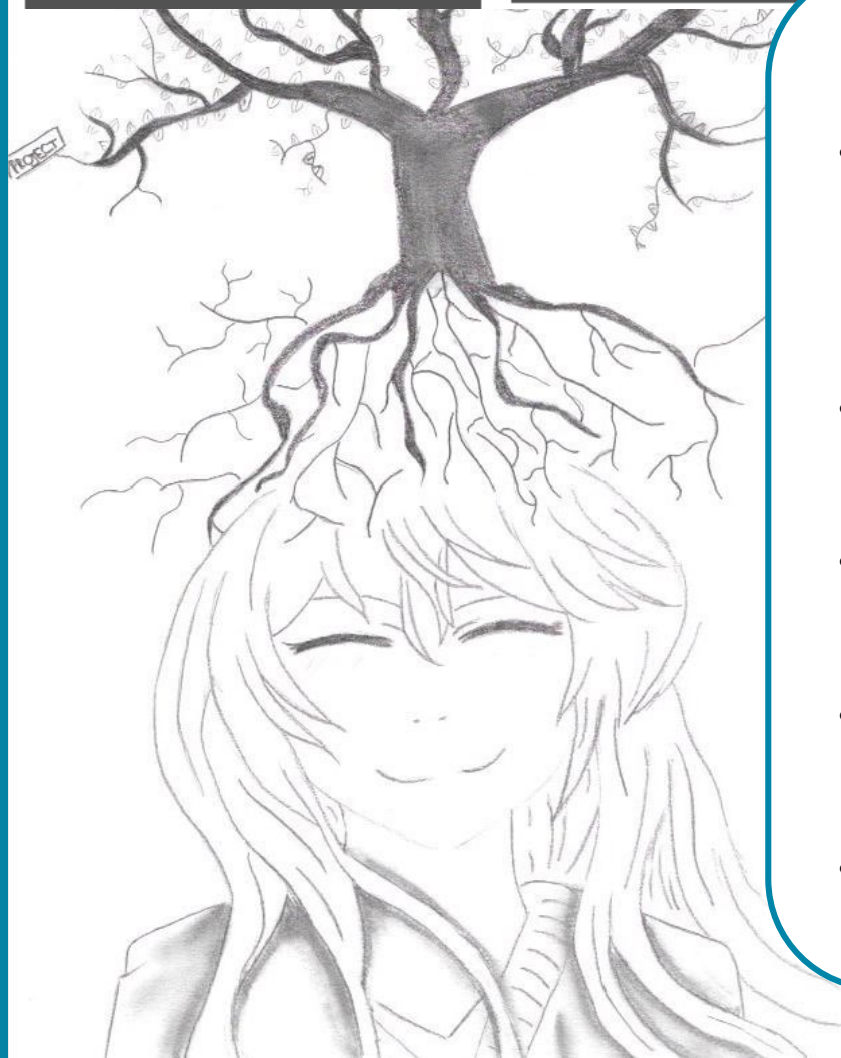
Minimum language  
skills in English

## CAPACITY

30 students

## WHAT YOU'LL LEARN?

- **Explore the existing creativity literature (multidisciplinary). Take the discovery and delivery test and reflect on your own level of creativity.**
- **Start a self-reflection on how to enhance your creative abilities.**
- **Learn how visualization as a cognitive process, can help you generate better ideas**
- **Learn how collaboration can help you generate more qualitative ideas**
- **Introduction to the intersections between critical thinking, creativity and ethics**



MINOR

# Innovation and Creativity

Coordinator:  
Cindy De Smet



## SCHEDULE

7/03/2024	18h30-20h00	Tutoring session 1	Online
4/04/2024	18h30-20h00	Tutoring session 2	Online
18/04/2024	18h30-20h00	Optional: Live recording self-reflection task. Possibility for task-related advice	Online, on appointment

# Spring 2024 DS4H minors catalog

**Additional courses allowing you to access new disciplines alongside your major.**

- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- In English
- Without prerequisites (you check!)

## Technical

- Quantum Technologies
- Quantum Computing and Networking
- IoT – Objets connectés
- Technological Challenges in the IoT Domain
- Programming 3D Games on the Web

## Business

- Digital IP and Law
- Digital Strategy
- Website creation Workshop
- DeepTech Entrepreneurship

## Innovation and Creativity

- Innovation and Design Thinking
- Innovation and Creativity

## Digital Culture

- Anthropology and Ethics of Technics

## Personal development

- Introduction to Scientific Research
- Tools 2 Communicate

<https://ds4h.univ-cotedazur.eu/minors>



MINOR

# Anthropology and Ethics of Technics

Coordinator:  
Valentina TIRLONI



[Watch  
the  
video](#)



MINOR

# Anthropology and Ethics of Technics

Coordinator:  
Valentina TIRLONI



## FORMAT

Online  
synchronous  
sessions+  
asynchronous

## LOCATION

Online

## PREREQUISITES

No

## CAPACITY

20 students

## WHAT YOU'LL LEARN?

- This minor is designed to **develop critical thinking** on technological issues and to explore topics such as **new sociability, transhumanism, and the ethical implications of technology**.
- We will examine the impact of technology on human life, including the potential negative consequences and the loss of certain values.
- The course will be divided into four parts: Anthropological inquiry on Technics, Transhumanism, Philosophical inquiry on Technics, and an ethical approach to Technics.



MINOR

# Anthropology and Ethics of Technics

Coordinator:  
Valentina TIRLONI



## SCHEDULE

29/02/2024	18h00-19h00	Introduction	Opening on Moodle
7/03/2024	18h00-19h00	Anthropological inquiry on Technics	online synchronous
14/03/2024	18h00-19h00	New sociability	on Moodle
21/03/2024	18h00-19h00	Transhumanism	on Moodle
28/03/2024	18h00-19h00	Philosophical inquiry on Technics	online synchronous
4/04/2024	18h00-19h00	Ethical Issues on Technics	on Moodle
11/04/2024	18h00-19h00	Politics and Technics: e-democracy	online synchronous
18/04/2024	18h00-19h00	Conclusions	on Moodle

# Spring 2024 DS4H minors catalog

**Additional courses allowing you to access new disciplines alongside your major.**

- For Master students and PhD candidates
- 3 ECTS
- On Thursday mornings
- In English
- Without prerequisites (you check!)

## Technical

- Quantum Technologies
- Quantum Computing and Networking
- IoT – Objets connectés
- Technological Challenges in the IoT Domain
- Programming 3D Games on the Web

## Business

- Digital IP and Law
- Digital Strategy
- Website creation Workshop
- DeepTech Entrepreneurship

## Innovation and Creativity

- Innovation and Design Thinking
- Innovation and Creativity

## Digital Culture

- Anthropology and Ethics of Technics

## Personal development

- Introduction to Scientific Research
- Tools 2 Communicate

<https://ds4h.univ-cotedazur.eu/minors>

MINOR

# Introduction to Scientific Research

Coordinator:  
Gilles Bernot



## FORMAT

Classroom

## LOCATION

Campus  
SophiaTech

## PREREQUISITES

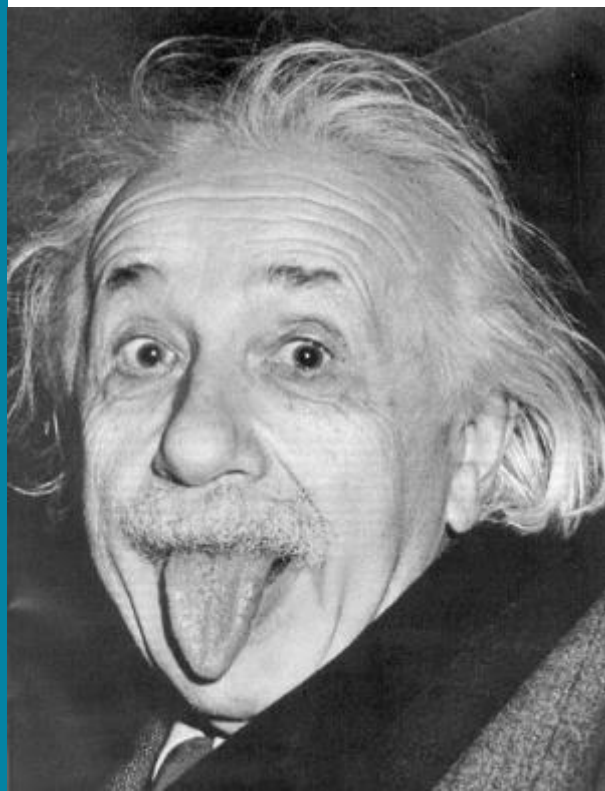
No

## CAPACITY

24 students

## WHAT YOU'LL LEARN?

- **How to conduct research, and more generally how to approach a subject rationally**
- **Take a critical view on the literature available on the subject**
- **Provide your own reflections supported by experience and communicate them**
- **The hindsight that this course provides on what science is (or is not) should be part of the skills of any scientist, not only researchers.**
- **Everything you always wanted to know about science... but were afraid to ask!**



MINOR

# Introduction to Scientific Research

Coordinator:  
Gilles Bernot



## SCHEDULE

29/02/2024	9h00-12h15	9h00-9h15 - Gilles Bernot	Welcome, Course goals and outline, evaluation modalities	SophiaTech Templiers, room B107
		9h15-10h45 - Eric Picholle	Epistemology, "What is science?"	
		11h00-12h15 - Anne-Laure Simonelli	Research: a job of passion	
7/03/2024	9h00-12h15	9h00-10h30 - Hui-Yin Wu	Methods for conducting research - Bibliography 1	SophiaTech Templiers, room B103
		10h45-12h15 - Sid Touati	Bibliography 2	
14/03/2024	9h00-12h15	9h00-9h30 - Gilles Bernot	Bibliographic analysis on a given list of articles	SophiaTech Templiers, room B103
		9h45-12h15 - Fabien Ferrero	Scientific writing	
21/03/2024	9h00-12h15	Sid Touati	Experimentation workshop: Statistical aspects of experimentation	SophiaTech Templiers, room B103
28/03/2024	9h00-12h15	Claire Migliaccio	Experimentation workshop: Millimeter Wave radar experiment	SophiaTech Templiers, room B103
4/04/2024	9h00-12h15	9h00-10h30 - Nadia Abchiche	Digital Deontology	SophiaTech Templiers, room B103
		10h45-12h15 - Gilles Bernot	Article analysis: last questions	
11/04/2024	9h00-12h15	9h00-10h30 - Fabien Ferrero	Scientific collaborations	SophiaTech Templiers, room B103
		10h45-12h15 - Anne-Laure Simonelli	PhD and its career opportunities	
18/04/2024	8h00-12h20	Jury	Evaluation	SophiaTech Templiers, room B103



MINOR

# Tools 2 Communicate

## FORMAT

Classroom + online  
synchronous sessions

## LOCATION

Campus SophiaTech,  
Lucioles or online  
depending on the  
session (see schedule)

## PREREQUISITES

To have a LinkedIn  
profile created and a  
written CV.

## CAPACITY

15 students

Coordinator:  
Anne-Laure Simonelli



## WHAT YOU'LL LEARN?

- **How to communicate specifically to enter the work force (through CV, cover letter, LinkedIn, job interview, job search strategy)**
- **How to communicate effectively to a wider audience (through short video production, oral communication).**

MINOR

# Tools 2 Communicate

Coordinator:  
Anne-Laure Simonelli



## SCHEDULE

29/02/2024	9h30-12h00	How to write / to improve my CV	Barbara Buljat Raymond	SophiaTech, Lucioles, room TD07
07/03/2024	9h30-13h00	Oral Communication	Anne-Laure Simonelli	SophiaTech, Lucioles, room TD07
14/03/2024	9h30-13h00	Video Creation	Nicolas Fogliarini	SophiaTech, Lucioles, room TD11
21/03/2024	9h30-12h00	How to write a cover letter + email Personal branding (professional photo shoot offered at the end of the session)	Barbara Buljat Raymond	SophiaTech, Lucioles, room TD11 Photo with Aurélie Macarri in room TD12
28/03/2024	9h30-12h00	Internships/Apprenticeship/job search strategies (spontaneous application, jobboards, cooptation/networking, being hunt)	Barbara Buljat Raymond	Online synchronous session
4/04/2024	9h30-12h00	How to prepare a job interview	Barbara Buljat Raymond	SophiaTech, Lucioles, room TD13
11/04/2024	9h30-12h00	How to set up and edit my LinkedIn profile	Barbara Buljat Raymond	SophiaTech, Lucioles, room TD13
18/04/2024	9h30-12h00	The IT job market		SophiaTech, Lucioles
		The Electronic job market	Matthias Raucoules-Aimé	SophiaTech, Lucioles, room TD07
		The Law job market	Vincent de Bonnafos	SophiaTech, Lucioles, room TD11
		The Digital Strategy job market	Barbara Buljat Raymond	SophiaTech, Lucioles, room TD13
	18h00-20h00	Video creation	Nicolas Fogliarini	Online synchronous session

13h30

Spring 2024

DS4H Thematic schools

<https://ds4h.univ-cotedazur.eu/thematic-schools>





# DS4H Thematic schools in a nutshell

- For Master students and PhD candidates
- 3 ECTS
- Same content as the minor, condensed on one intensive week
- **From May 27<sup>th</sup> to May 31<sup>st</sup>**
- No prerequisite
- In English

<https://ds4h.univ-cotedazur.eu/thematic-schools>

# DS4H Thematic schools

## Spring 2024

Minors condensed in one intensive week of courses.

- For Master students and PhD candidates
- 3 ECTS
- In English
- Without prerequisites

From May 27th to May 31st

Organize your activity in  
project mode



Artificial Intelligence and  
Video Games



<https://ds4h.univ-cotedazur.eu/thematic-schools>

# Organize Your Activity in Project Mode

Coordinator:  
Emmanuel LE ROY



[Watch  
the  
video](#)

# Organize Your Activity in Project Mode

Coordinator:  
Emmanuel LE ROY



## FORMAT

Classroom

## LOCATION

Campus  
SophiaTech,  
Lucioles

## PREREQUISITES

No

## CAPACITY

12 students

## CONTENTS

- Introduction to project management
- The golden triangle of project management
- Managing costs and schedules
- Managing communication
- Managing budget
- Managing risks and quality
- Managing uncertainty with agility

## WHAT YOU'LL LEARN?

- How to formalize and idea in a project and make a first assessment about its feasibility.
- How to define the initial scope of your project with the budget and the time needed to make it happen.
- How to identify risks and how to manage them.
- How to control the quality along your project.
- How to manage people and monitor cost, time and scope along your project.
- Why communication is essential to the success of a project and how to do it properly.
- How to close your project properly while collecting information to make your next project even more successful.

# Organize Your Activity in Project Mode

Coordinator:  
Emmanuel LE ROY



## SCHEDULE

Date	Time slot	Course title	Location
27/05/2024	9h30-12h30	Introduction to project management	Campus SophiaTech, Lucioles, room-TD07
	14h00-17h00	Project life cycle and different types of projects	Campus SophiaTech, Lucioles, room-TD07
28/05/2024	9h30-12h30	Managing costs and schedules (part 1)	Campus SophiaTech, Lucioles, room TD07
	14h00-17h00	Managing costs and schedules (part 2)	Campus SophiaTech, Lucioles, room TD07
29/05/2024	9h30-12h30	Managing risks	Campus SophiaTech, Lucioles, room TD07
	Afternoon	Students can finalize their project charter on Wednesday afternoon	
30/05/2024	9h30-12h30	Managing a project in Agile (part 1)	Campus SophiaTech, Lucioles, room TD07
	14h00-17h00	Managing a project in Agile (part 2)	Campus SophiaTech, Lucioles, room TD07
31/05/2024	9h30-12h30	Project closing – Final exam	Campus SophiaTech, Lucioles, room TD07

## THEMATIC SCHOOL

# AI and Video Games

Coordinator:  
David-Olivier Saban



### FORMAT

Classroom

### LOCATION

Campus SophiaTech  
(Lucioles)

### PREREQUISITES

Programming  
C# is preferred for Unity

### CAPACITY

15 DS4H students

## WHAT YOU'LL LEARN?

- General introduction to AI
- Understanding the concrete uses of automation in Video Games
- Knowing the algorithms and their uses and limits
- Practicing the techniques of AI programming for Video Games
- Introducing Prompt Engineering and LLM usages





# AI and Video Games

Coordinator:  
David-Olivier Saban



## SCHEDULE

27/05/2024	9h00-12h00	About Artificial Intelligence	Campus SophiaTech Lucioles, room TD14
	14h00-17h00	Path Finding Step 1	Campus SophiaTech Lucioles, room TD14
28/05/2024	9h00-12h00	Modeling and Algorithms	Campus SophiaTech Lucioles, room TD14
	14h00-17h00	Introduction to Deep Learning, LLMs and Prompting	Campus SophiaTech Lucioles, room TD14
29/05/2024	9h00-12h00	Team up and CODINGAME	Campus SophiaTech Lucioles, room TD08
	14h00-17h00	Pathfinding Step 2	Campus SophiaTech Lucioles, room TD08
30/05/2024	9h00-12h00	Complexity	Campus SophiaTech Lucioles, room TD14
31/05/2024	9h00-12h00	CodingGame Contest	Campus SophiaTech Lucioles, room TD14

# Any questions?

## Get in touch with the minor or thematic school's coordinator!

13h40

Spring 2024

DS4H Projects



<https://ds4h.univ-cotedazur.eu/projects>

# DS4H Projects in a nutshell



- 3 to 6 ECTS
- Tutorships or Multidisciplinary Projects
- One day per week for a minimum of 8 weeks
- + one full week immersion (April 22-26)

<https://ds4h.univ-cotedazur.eu/projects>

# DS4H Projects in a nutshell



[Watch  
the  
video](#)

# DS4H Projects offer / Spring 2024

**Take the opportunity to run individual and group projects to sharpen your professional objectives!**

- For Master Students
- You choose one choice/ semester
- Total of ~ 90h

<https://ds4h.univ-cotedazur.eu/projects>

## Research Projects in Tutorship



**Tutorships provide training to research**  
**Immerse yourself in a laboratory.**

## Multidisciplinary Research Projects



**Join a team of students from different disciplines working on a shared topic.**

## Who's concerned this semester?

- M1 Informatique
- Apprentice M2 Informatique (except Ubinet)
- M1 MIAGE
- M1 Electronique
- M1 & M2 Stratégie Digitale (including apprentices)
- M1 Droit des affaires

# Where to find Spring 2024 Research projects?

MINORS

Tutorships

PROJECTS

## WISHES

DS4H option wishes selection platform

<https://ds4h.univ-cotedazur.eu/wishes>



## 2 - FIND OUT ABOUT SPRING 2024 SEMESTER OPTIONS

2024, JANUARY 25TH - INFORMATION MEETING		
12h00-14h00, online via Zoom. Find out more...		
WHICH DS4H OPTIONS FOR WHICH STUDENTS?	MINORS / THEMATIC SCHOOLS	PROJECTS
	What is a DS4H minor and how does it work? What is a DS4H thematic school and how does it work?	What is a DS4H project and how does it work?
YOU'RE A MASTER STUDENT	Discover the minors / thematic schools open in the Spring 2024 semester: <ul style="list-style-type: none"><li>Minors</li><li>Thematic schools</li></ul> <p>(please note that not all Master students have access to the different minors / thematic schools for a given semester)</p>	Discover the research projects open in Spring 2024 semester: <ul style="list-style-type: none"><li>Tutorships</li><li>Multidisciplinary Research Projects</li></ul>
YOU'RE A PhD CANDIDATE	Discover the minors / thematic schools open in the Spring 2024 semester: <ul style="list-style-type: none"><li>Minors</li><li>Thematic schools</li></ul>	PhD candidates can take part in DS4H projects as supervisors: <ul style="list-style-type: none"><li>Submit a project and supervise a Master Student</li><li>Take a Student's Supervision Training</li></ul>



# DS4H Research projects



[See the projects open this semester](#)

## Tutorships and multidisciplinary projects browser

You can browse the proposed projects here. Project selection will start on January 26, 2024.

If you are interested in a subject, **get in touch with the advisor by email**.

Tutorships allocations depend on the agreement of the advisor regarding the student profile.

Multidisciplinary projects allocation depend on the constitution of the multidisciplinary team.

2023 - 2024 2nd semester

**Make sure you're on the right semester!**

<Any type> in <Any domain> or

**Type of research project**

#	Type	Domain(s)	Advisor	Title
545	Tutorship	Electronics	<a href="#">Claire Migliaccio</a> (LEAT)	<a href="#">Modélisation d'une antenne réseau reconfigurable</a>
	Tutorship	Computer Science	<a href="#">Roula Nassif</a> (I3S)	<a href="#">Apprentissage continu décentralisé</a>
547	Tutorship	Computer Science	<a href="#">Jean-Sébastien Vayre</a> (GREDEG)	<a href="#">Modeling Epistemic Vigilance and its Institutions in the Communication of Shared Information on the Internet (MOVICI)</a>
548	Tutorship	Computer Science	<a href="#">Chadi Barakat</a> (Diana Project-team)	<a href="#">Mining the ACQUA dataset and improving the application behavior</a>
549	Tutorship	Computer Science	<a href="#">Sid Touati</a> (I3S/INRIA)	<a href="#">A la découverte de la programmation parallèle avec OpenMP</a>
550	Tutorship	Computer Science, Other	<a href="#">Sid Touati</a> (I3S/INRIA)	<a href="#">Benchmarking dense eigenvalue solvers for distributed memory systems on quantum vibrational Hamiltonian matrices</a>
551	Tutorship	Computer Science	<a href="#">Sid Touati</a> (I3S/INRIA)	<a href="#">Un ordinateur en Rust</a>
552	Tutorship	Computer Science	<a href="#">Sid Touati</a> (I3S/INRIA)	<a href="#">des applications</a>
553	Tutorship	Computer Science	<a href="#">Sid Touati</a> (I3S/INRIA)	<a href="#">Optimisation des performances d'une compilation optimisante</a>

**Subject**

**Domain**

**Get in touch with the project's coordinator**

# Before starting a research project

## STEP 1

*from January 25th*

- > **Enter your project's wish on**  
<http://erebe-vm6.i3s.unice.fr:8080/ds4h-projects/ProjectsSelection.html>  
+ in the mean time get in touch and meet the supervisor of the wished project
- > **The supervisor accepts your application and you accept the project?**  
**Inform AL SIMONELLI asap**
- > **Wait for the Master's responsible agreement. He/She agrees? Go to Step 2**

## STEP 2

*before mid February*

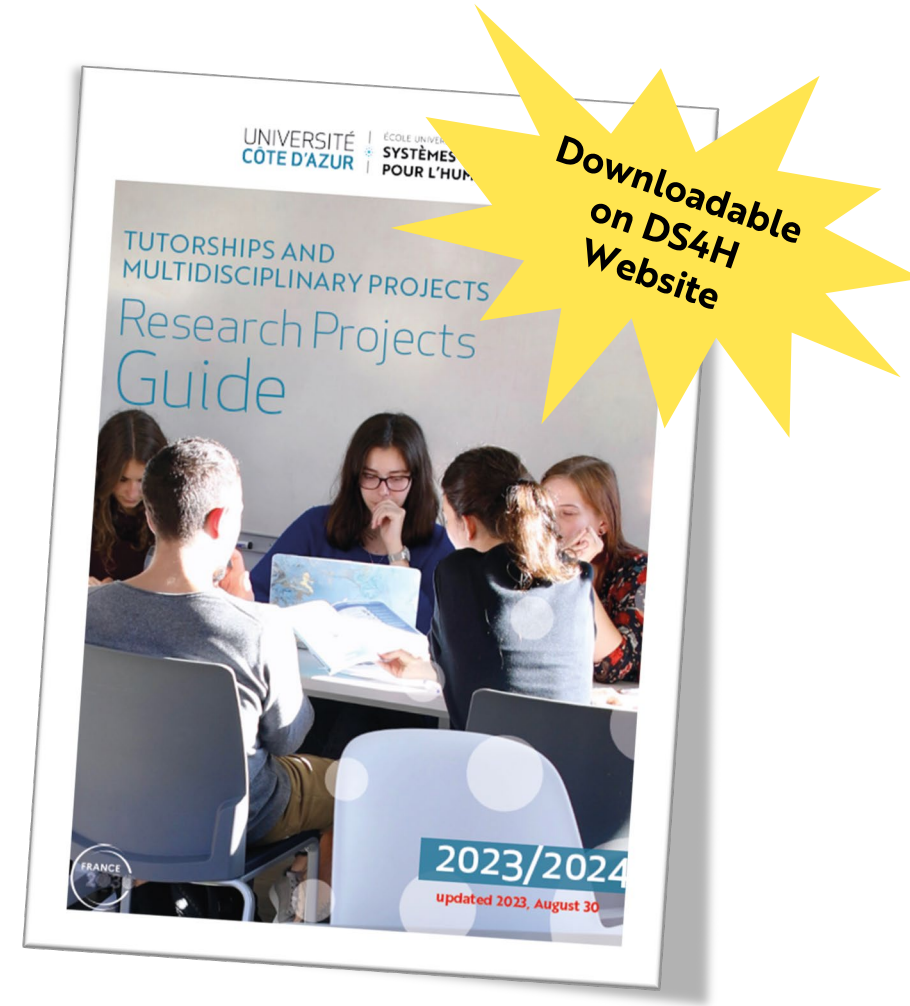
- > **Set up your research project agreement with Virginie Valot**
  - + one day / week during a minimum of 8 weeks (Fridays from **mid Feb until mid April**)
  - one week immersion (**April 22-26**)

# Tutorship agreement – Convention de tutorat



**No tutorship can be run without an Agreement or with an incomplete Agreement.**

- In case of missing pieces or missing signatures, you will be **ADJOURNED!**
- Read the Research Projects Guide on DS4H website ([FR](#)) / ([EN](#)).
- You also have at your disposal a GLPI Student Affairs department assistance platform via your ENT account : <http://glpi-form-sco.univ-cotedazur.fr/>



# DS4H Research projects milestones

*Once application is accepted and tutorship agreement edited*

When?	What?	Where?
March 15th - 12h00-14h00	Research Project welcome meeting	Campus SophiaTech, Lucioles, TD10
	Mid-term meetings	Host laboratory
April 19th - 12h00-15h00	Course "How to become an effective communicator?"	Campus SophiaTech, Lucioles, TD7
April 22nd to 26th	Immersion week	Host laboratory
April 30st - 23h00	Final written report submission deadline	
May 2nd, 8h00-18h00	Oral defense practice sessions	Campus SophiaTech, Lucioles, TD14
May 3rd, 8h00-18h00	Oral defense practice sessions	Campus SophiaTech, Lucioles, TD14
May 6th, 8h00-18h00	Oral defense practice sessions	Campus SophiaTech, Lucioles, TD14
May 16th, 8h00-18h00	Final oral defense	Campus SophiaTech, Lucioles, TD14
May 17th, 8h00-18h00	Final oral defense	Campus SophiaTech, Lucioles, TD14
May 21th, 8h00-18h00	Final oral defense	Campus SophiaTech, Lucioles, TD14
May 23rd, 12h00-14h00	Reflexive session	Campus SophiaTech, Lucioles, TD14
May 24th, 23h00	Reflexive essay submission deadline	

<https://ds4h.univ-cotedazur.fr/calendrier-projets-printemps-2024>



**Any question? Contact**  
**[ds4h-pedagogie@univ-cotedazur.fr](mailto:ds4h-pedagogie@univ-cotedazur.fr)**

**13h50**

**Spring 2024**

**Wishes Selection Process  
and deadlines**

# NOW it is up to you!

<https://ds4h.univ-cotedazur.eu/wishes>

**Minor and Project  
wishes  
from January 25<sup>th</sup>  
to January 29<sup>th</sup> (23h00)**

## MASTER STUDENTS

in M1 Informatique, M1 Droit des Affaires,  
M1 HIC MAJIC, M2 HIC MAJIC, M2 HIC  
MAPIC, M1 Ergonomie ECTN, M1 LEA LAI RFI

→ Make your wishes of  
**Minors/Thematic school** (3 in order of  
preference) and **Project** (1)  
via **EREBE platform**

## MASTER STUDENTS

in M1 MIAGE, M1 Electronique, M1 Stratégie  
digitale, M2 Stratégie digitale

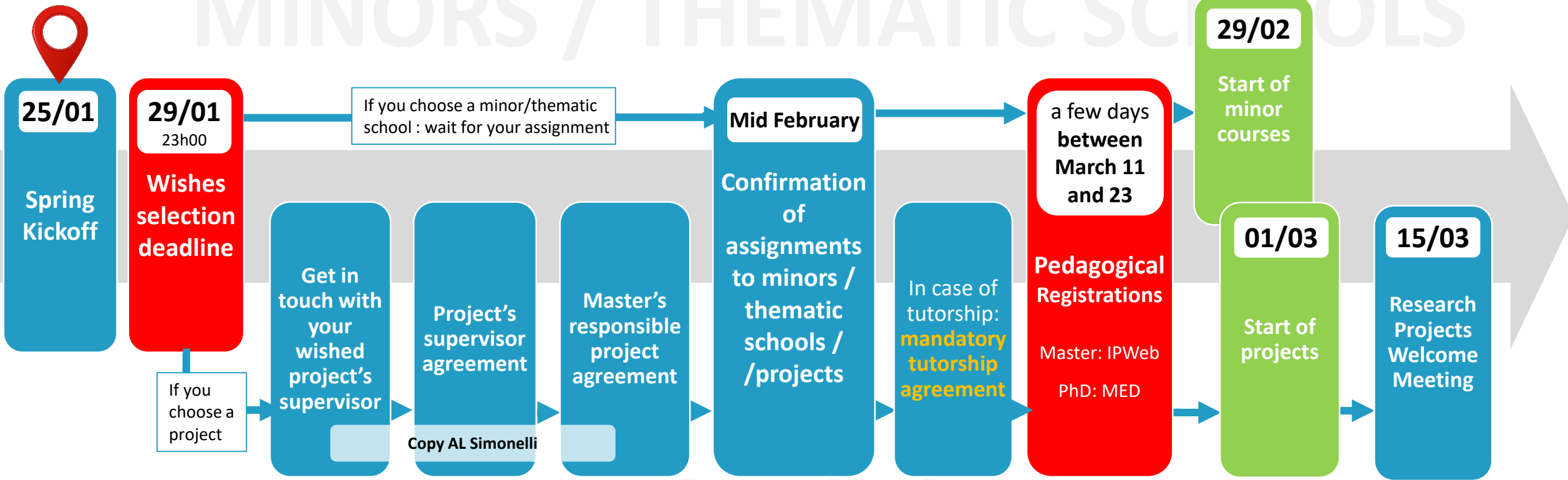
→ Tell your wishes  
of **Minors/Thematic school** (3 in order of  
preference) and **Project** (1)  
to your **Master's coordinator**

## PhD CANDIDATES

Make your wishes of  
**Minors/Thematic school**  
and **Training**  
via **ADUM**

# Watch the deadlines!

MINORS / THEMATIC SCHOOLS



PROJECTS



# CAUTION!

- **It's of your responsibility to:**
  - **Check for the compatibility of the minors' / thematic schools' schedules with your own major's schedule**
  - **Check the prerequisites!**
  - **Not register to a course for which you already got ECTS**
- **Masters' students will be enrolled to their first, second or third choice.**
- **PhD Candidates will be enrolled according to available places.**

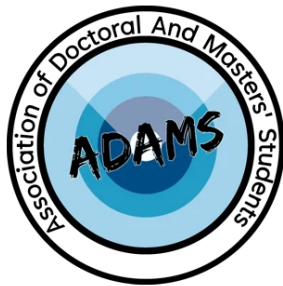
# Contacts



<http://ds4h.univ-cotedazur.fr / .eu>



[ds4h-contact@univ-cotedazur.fr](mailto:ds4h-contact@univ-cotedazur.fr)



**Students'  
Association**



**ds4h\_\_adams**

*new!*



**eurds4h**



**Ecole Universitaire de Recherche  
Digital Systems for Humans**



**eurds4h**



**eurds4h**



UNIVERSITÉ  
CÔTE D'AZUR  
**ALUMNI**

**X link**

[link.univ-cotedazur.fr](http://link.univ-cotedazur.fr)

**Deadline for application  
January 29<sup>th</sup>  
1st arrived, 1st served!**

# Now it's up to you!

<https://ds4h.univ-cotedazur.eu/wishes>

**Any question? We can help!**  
**ds4h-contact@univ-cotedazur.fr**