9h15-9h30

DS4H Masters training offer

Anne-Laure Simonelli, Pedagogical Engineer
DS4H – Who are you today?

C. Di Giusto & A. Tettamanzi M1 Computer Sciences
E. Formenti & A. Tettamanzi M2 Computer Sciences / Info & interactions
S. Lavirotte M2 Computer Sciences / Engineering informatics NOT Ubinet
G. Urvoy-Keller M2 Computer Sciences / Engineering informatics Ubinet
L. Donati M1 MIAGE
A. Blandel M2 MIAGE INTENSE
N. Sauvage M2 MIAGE SIRIS
G. Galli & M. Syska M2 MIAGE MBDS
M. Winter M2 MIAGE IA2
M. Al Khalfioui M1 Master Electronique (EEA)
J. Lanteri M2 Master Electronique (EEA)
L. Arena M1 + M2 Digital Strategy

M1 Business Law AFF J. Bardy
M2 Digital IP & Law DPINT T. Marteu & A. Guesmi
M1 + M2 EiT F. Baude & J. Martinet
M1 + M2 HIC MAJIC M. Marti & J-F Trubert
M1 + M2 HIC MAPIC C. Masoni
M1 Ergonomics ECTN E. Caly & P. Therouanne
M1 + M2 LTITPC D. Passino
M1 LEA LAI RFI J.P. Darnis
M2 LEA TRE S. Labat-Jacqmin

PhDs from
ED STIC C. Migliaccio
ED DESPEG F. Bellone
ED SHAL F. Mathy
DS4H Minors offer in a nutshell

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

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

**Personal development**
- Tools 2 Communicate
- Introduction to Scientific Research
- Organize your activity in project mode

**Innovation and Creativity**
- Sociology of Creative Industries
- Innovation and Creativity

**Technical**
- Web Technologies / Javascript intro
- Advanced AI: Advanced Machine Learning and Deep Learning
- Quantum Computing and Networking
- Quantum Engineering
- Sensor and Network devices
- AI and video games

**Digital Culture**
- Introduction to AI: Data Analysis and Machine Learning
- Technological challenges in the IoT domain
- *ICT and Environment*

**Business**
- Digital Strategy
- Website creation Workshop

- For Master and PhD Students
- You choose one choice/semester (3 ECTS)
- On Thursday mornings
- In English
- Without prerequisite*

[Image of the webpage for DS4H Minors](https://ds4h.univ-cotedazur.eu/minors)
DS4H Projects offer in a nutshell

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

- For Master Students
- You choose one choice/semester (3 or 6 ECTS)
- Total of ca. 90h

https://ds4h.univ-cotedazur.eu/education/professional-and-research-projects-1

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.

Creativity Multidisciplinary Projects - HIC
Take part to the development of a video game.
MASTER STUDENTS from Graduate School DS4H?
Make your choice of Minors (in order of preference) and Projects via EREBE
from Sept 8th to Sept 12th

DOCTORAL CANDIDATES from Graduate School DS4H?
Make your choice of Minors via ADUM
from Sept 8th to Sept 12th

CAUTION!
First arrived First served!
It is up to you!

MASTER STUDENTS from Graduate School DS4H
https://ds4h.univ-cotedazur.eu/erebe-1

DOCTORAL CANDIDATES from Graduate School DS4H?
https://www.adum.fr/UCA/formations
9h30-10h00

Presentation of each DS4H “core” Master by its responsible
Master MIAGE

Michel Buffa
MIAGE, what is it for?

We train

Developers, Data Analysts, Consultants, Digital Project Managers, Start-ppers

who will work on

- Digital Transformation of Organizations
  - Master 2 INTENSE
- AI Project Management
  - Master 2 IA2
- Risk Management and Cybersecurity
  - Master 2 SIRIS
- Data Analysis, Big Data
  - Master 2 MBDS

100% professional integration, 90% apprentices for all Masters

in companies such as

- Sopra Steria
- Atos
- AirFrance
- CGI
- JobOpportunIT
- Sogeti
- Thales
- Amadeus
- SAP
- Capgemini
- Orange
- Altran
- Pro BTP
Topics addressed (variable according to the 4 M2 tracks)

- Web / Application Development
- Cybersecurity
- Risk Management
- Artificial Intelligence
- Project Management
- Learn about entrepreneurship
- Databases / Big Data / Cloud

COMPUTER SCIENCE + MANAGEMENT + APPRENTICESHIP + ENTREPRENEURSHIP
You are a student in MIAGE

MINORS
- ICT and Environment
- Sociology of Creative Industries
- 3D Game Programming
- Artificial Intelligence (advanced)
- Tools 2 Communicate

YOU ARE NOT in MIAGE, yet curious about it

MINORS
- Web Technologies (Javascript Introduction)
- Organize your Activity in Project Mode

PROJECTS
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
You are a student in MIAGE

You are NOT in MIAGE, yet curious about it

MINORS
- ICT and Environment
- Sociology of Creative Industries
- 3D Game Programming
- Artificial Intelligence (advanced)
- Tools 2 Communicate

Erebe

PROJECTS
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
Computer Sciences, what is it for?

We train Academic & Industrial Researchers, Engineers and Project Managers who will work on:

- **Academic Research and Industrial Research & Development** Typically after a PhD
- **Software Development** (as developers, designers, system architects, analysts, testers, and project managers)
- **Information Technology** (in companies of all sizes in all branches of industry and retail)
- **Consulting**

in companies such as:

- Amadeus
- AirFrance
- Atos
- Virbac
- HP
Topics addressed (variable according to the 3 M2 tracks):

- Programming
- Big Data
- Machine learning
- Modeling
- Networks
- Human-Machine Interfaces
- Cybersecurity

Andrea Tettamanzi
Curricula, Tracks and Persons in Charge

Master in Computer Science
Andrea Tettamanzi

M1 Informatique

Informatique & interactions curriculum
<10 students

Enrico Formenti
[Work-Study Pgm: Étienne Lozes]

M1 Informatique
(merged with the M1 Computer Science International)
~60 students

Cinzia Di Giusto
[Work-Study Program: Étienne Lozes]

Ingénierie informatique curriculum
(6 tracks, including Ubinet)
>100 students

Stéphane Lavirotte
(Ubinet: Guillaume Urvoy-Keller)
[Work-Study Program: Jean Martinet, Audrey Occello]

EiT Digital curriculum
~10 students

Françoise Baude

M2

EiT Digital curriculum
~10 students

Françoise Baude
You are a student in Computer Science

MINORS
- Advanced AI
- ICT and Environment
- Tools 2 Communicate
- Sociology of Creative Industries
- ...

YOU ARE NOT in Computer Science, yet curious about it

MINORS
- Introduction to AI
- Web Technologies/Javascript Intro

PROJECTS
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
Minors and Projects related to Computer Science

You are a student in Computer Science

MINORS
- Accessibility and Universal Design
- Advanced AI
- ICT and Environment
- New Technologies Law
- Sociology of Creative Industries
- ...

PROJECTS
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

YOU ARE NOT in Computer Science, yet curious about it

Erebe

- Introduction to AI
- Web Technologies/Javascript Intro

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
Thank you for your attention.

Andrea TETTAMANZI – Master coordinator
andrea.tettamanzi@univ-cotedazur.fr

Cinzia DI GIUSTO – M1 coordinator
cinzia.di-giusto@univ-cotedazur.fr

Enrico FORMENTI – M2 Parcours Informatique et interactions
enrico.formenti@univ-cotedazur.fr

Stéphane LAVIROTTE – M2 Parcours Ingénierie informatique
stephane.lavirotte@univ-cotedazur.fr

Françoise BAUDE – EIT Digital
francoise.baude@univ-cotedazur.fr
Master Électronique, Énergie Électrique, Automatique
ÉLECTRONIQUE, SYSTÈMES DE TÉLÉCOMMUNICATIONS

Master
Électronique, Systèmes de télécommunications

Mohamed Al Khalfioui
We train Academic & Industrial Researchers and Engineers in Telecom, Embedded Systems, Electronic and Microelectronics sectors who will work on

- Telecommunications
  - Antennas
- Internet of Things
- Robotics
- Radar Imaging

in companies such as

- Bouygues
- Ethertronics
- Orange
- NXP
- Abeeway
- Schneider Electric
- Thales
- Software Labs
- Groupe Renault
- Vishay
- Qualcomm
- Rhôné Telecom
- Michelin
- CiLas
With:

LEAT
LAGRANGE
INPHYNI
CRHEA
IC

Topics addressed

- Electronic & Microelectronic Circuits
- Telecommunications Systems
- Robotics: an introduction
- Microprocessor Architecture
- Signal Processing
- Microwave Engineering & Imaging
- Design of Embedded Systems and connected objects
Master Électronique, énergie électrique, automatique parcours Électronique, Systèmes de télécommunications

Mohamed Al Khalfioui

Minors and Projects related to Electronics

You are a student in Electronics

- ICT and Environment
- Tools 2 Communicate
- Real time discrete event system
- Networks and Telecoms
- ...

YOU ARE NOT in Electronics, yet curious about it

MINORS

- Technological Challenges in the IoT domain
- Sensor and Network Devices

PROJECTS

- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
You are a student in Electronics

You are NOT in Electronics, yet curious about it

**MINORS**
- ICT and Environment
- Tool 2 Communicate
- Real time discrete event system
- Networks and Telecoms
- ...

- Technological Challenges in the IoT domain
- Sensor and Network Devices

**PROJECTS**
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

**Erebe**

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
Thank you for your attention.

Mohamed AL KHALFIOUI – M1 coordinator
mohamed.alkhalfioui@univ-cotedazur.fr

Jérôme LANTERI – M2 coordinator
jerome.lanteri@univ-cotedazur.fr
The Business law specialisation covers the various disciplines of economic and business law.

It offers two courses:

- Business Law
- Sports Law

The Master of Business Law offers in-depth legal training which will enable graduates to fulfill the legal advice and assistance tasks that companies need both in their day-to-day management and for ambitious transactional projects or litigation. The Master also offers an opening into research methods in law.

The Master of Sports Law trains future legal professionals to carry out any advisory and assistance tasks in sports administration and litigation.
Obtaining a Master 1 in Business Law gives access to one of the seven Master 2 courses in Business Law, namely:

- Algorithmic law and data governance
  - Banking and fintech law
  - Intellectual property and new technologies law
  - Corporate and labour law
    - Business law
- Risk and sustainable development law
  - Sports law
Master Intellectual Property and New Technologies Law

Speaker: Lynsey REDFERN – Legal English teacher (representing course leaders Thierry MARTEU and Amelle GUESMI)
We train

Business lawyers, intellectual property advisors in both the public and private sector, specialist in-house IP and digital law lawyers

who will work on

Implementing a protective and defence strategy in respect of a company’s intangible assets

Ensuring company compliance with IP law and regulations (personal data protection / RGPD)

Negotiating business contracts in the digital and IP sectors

in companies such as: Amadeus, the IP specialist law firms Caprioli and Hautier, and many more.
Master
Intellectual Property and New Technologies Law

Topics covered

- Business Law
- Contract negotiation and drafting
- Filing and litigation of trade marks disputes
- Domain name protection
- Filing and litigation of patent disputes
- Personal data protection GDPR
- Legal English and English for IP law

Speaker: Lynsey REDFERN (representing Thierry MARTEU and Amelle GUESMI)
You are a student in Digital IP and Law

You are NOT in Digital IP and Law, yet curious about it

MINORS

• Innovation and Creativity
• Website Creation Workshop
• ...

• Digital IP & Law (Spring semester)
• New Technologies Law (Spring semester)

PROJECTS

Multidisciplinary Research Project

Multidisciplinary Creativity Project - HIC

Tutorship (in-lab Research Project)

Disciplinary Project

Tutorships and Projects in your specific subject may be open this semester, find out more Monday 12 September!

Speaker: Lynsey REDFERN (representing Thierry MARTEU and Amelle GUESMI)
You are a student in Digital IP and Law

YOU ARE NOT in Digital IP and Law, yet curious about it

MINORS
- Innovation and Creativity
- Website Creation Workshop
- ...

PROJECTS
- Digital IP & Law (Spring semester)
- New Technologies Law (Spring semester)
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Subject Project

Erebe

Tutorships and Projects in your specific subject may be open this semester, find out more this afternoon!
Thank you for your attention.
Master Innovation, Entreprise, Société
parcours Stratégie digitale

Laura Paoli
(for Lise Arena)
Digital Strategy, what is it for?

We train

Information Systems Consultants and Project Managers, CRM Manager, Head of Digital Marketing, Digital Project Managers...

who will work on

- Dematerialization of internal processes
- Customer relationship digitalization strategy
- Innovation strategy and new digital business models

in companies such as

- amadeus
- airfrance
- monaco
digital
- docker
- université
- côte d'azur
Topics addressed

- Information systems projects
- E-commerce strategies
- Digitization of customer relations
- Social Media
- Digital and Data Marketing
- Digital Business Models

With:

Lise Arena
Minors and Projects related to Digital Strategy

You are a student in Digital Strategy

MINORS
- Innovation and Creativity
- Website Creation Workshop
- ...

YOU ARE NOT in Digital Strategy, yet curious about it

MINORS
- Digital Strategy
- Sociology of Creative Industries
- Website Creation Workshop

PROJECTS
- Multidisciplinary Research Project
- Multidisciplinary Creativity Project - HIC
- Tutorship (in-lab Research Project)
- Disciplinary Project

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!

Lise Arena
You are a student in Digital Strategy

YOU ARE NOT in Digital Strategy, yet curious about it

MINORS

• Innovation and Creativity
• Website Creation Workshop
• ...

• Digital Strategy
• Sociology of Creative Industries
• Website Creation Workshop

PROJECTS

Multidisciplinary Research Project

Multidisciplinary Creativity Project - HIC

Tutorship (in-lab Research Project)

Disciplinary Project

Tutorships and Disciplinary Projects in your specific discipline may be open this semester, find out more this afternoon!
Thank you for your attention.

Lise ARENA
lise.arena@univ-cotedazur.fr