DS4H Masters training offer

Anne-Laure Simonelli, Pedagogical Engineer
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Choose 3 minors in order of preference via EREBE [https://ds4h.univ-cotedazur.eu/erebe](https://ds4h.univ-cotedazur.eu/erebe) from Sept 16th to Sept 22nd.

Choose 3 projects in order of preference via EREBE [https://ds4h.univ-cotedazur.eu/erebe](https://ds4h.univ-cotedazur.eu/erebe) from Sept 16th to Sept 22nd.

**Apprenticeship**

ALTERNATING SCHEDULE
(No access to DS4H offer) apart from Master SD (M1, M2) and M2 DPINT

**Initial training**

Choose: OPTION

DS4H Minor

Disciplinary option

Choose: PERSONAL PROJECT

DS4H Project

Tutorship in laboratory

Multidisciplinary Project

- Research
- HIC
- SUGAR

Disciplinary Project

It is up to you!
<table>
<thead>
<tr>
<th>Name</th>
<th>Program</th>
<th>Department</th>
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<tbody>
<tr>
<td>C. Di Giusto &amp; A. Tettamanzi</td>
<td>M1 Informatique</td>
<td>M1 Informatique</td>
</tr>
<tr>
<td>E. Formenti &amp; A. Tettamanzi</td>
<td>M2 Informatique et Interactions</td>
<td>M2 Informatique et Interactions</td>
</tr>
<tr>
<td>Y. Roudier</td>
<td>M2 Ingénierie informatique, Ubinet</td>
<td>M2 Ingénierie informatique, Ubinet</td>
</tr>
<tr>
<td>P. Renevier</td>
<td>M1 MIAGE</td>
<td>M1 MIAGE</td>
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<tr>
<td>A. Blandel</td>
<td>M2 MIAGE INTENSE</td>
<td>M2 MIAGE INTENSE</td>
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<tr>
<td>N. Sauvage</td>
<td>M2 MIAGE SIRIS</td>
<td>M2 MIAGE SIRIS</td>
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<td>G. Mopolo-Moke</td>
<td>M2 MIAGE MBDS</td>
<td>M2 MIAGE MBDS</td>
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<td>M. Winter</td>
<td>M2 MIAGE IA2</td>
<td>M2 MIAGE IA2</td>
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<tr>
<td>M. Al Khalfioui</td>
<td>M1 Master Electronique (EEA)</td>
<td>M1 Master Electronique (EEA)</td>
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<tr>
<td>J. Lanteri</td>
<td>M2 Master Electronique (EEA)</td>
<td>M2 Master Electronique (EEA)</td>
</tr>
<tr>
<td>L. Arena</td>
<td>M1 + M2 Strategie Digitale</td>
<td>M1 + M2 Strategie Digitale</td>
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<tr>
<td>J. Bardy</td>
<td>M1 Droit des affaires AFF</td>
<td>M1 Droit des affaires AFF</td>
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<tr>
<td>T. Marteu &amp; A. Guesmi</td>
<td>M2 Digital IP &amp; Law DPINT</td>
<td>M2 Digital IP &amp; Law DPINT</td>
</tr>
<tr>
<td>M. Marti &amp; J-F Trubert</td>
<td>M1 + M2 HIC MAJIC</td>
<td>M1 + M2 HIC MAJIC</td>
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<tr>
<td>C. Masoni</td>
<td>M1 + M2 HIC MAPIC</td>
<td>M1 + M2 HIC MAPIC</td>
</tr>
<tr>
<td>E. Galy &amp; P. Therouanne</td>
<td>M1 Ergonomie ECTN</td>
<td>M1 Ergonomie ECTN</td>
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<tr>
<td>J.P. Darnis</td>
<td>M1 + M2 LTITPC</td>
<td>M1 + M2 LTITPC</td>
</tr>
<tr>
<td>S. Labat-Jacqmin</td>
<td>M1 LEA LAI RFI</td>
<td>M1 LEA LAI RFI</td>
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<td>F. Baude</td>
<td>M2 LEA TRE</td>
<td>M2 LEA TRE</td>
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<tr>
<td>C. Migliaccio</td>
<td>PhDs from</td>
<td>PhDs from</td>
</tr>
<tr>
<td>F. Bellone</td>
<td>ED STIC</td>
<td>ED STIC</td>
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<tr>
<td>F. Mathy</td>
<td>ED DESPEG</td>
<td>ED DESPEG</td>
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<tr>
<td>J. Lanteri</td>
<td>ED SHAL</td>
<td>ED SHAL</td>
</tr>
</tbody>
</table>

PhDs from:
- ED STIC C. Migliaccio
- ED DESPEG F. Bellone
- ED SHAL F. Mathy
M1 Informatique

C. Di Giusto & A. Tettamanzi

Apprenticeship

Initial training

Choose (S1): OPTION

DS4H Minor

Disciplinary option

Choose (S1): PERSONAL PROJECT

DS4H Project

Disciplinary Project

Tutorship

in laboratory

Multidisciplinary Project

• Research

• HIC

ALTERNATING SCHEDULE
(No access to DS4H offer)
Choose your DS4H minors for S1

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M2 Informatique et Interactions
E. Formenti & A. Tettamanzi

Apprenticeship

Initial training

Choose (S1): OPTION
- DS4H Minor
- Disciplinary option

Choose (S1): PERSONAL PROJECT
- DS4H Project
- Tutorship
  - in laboratory
- Multidisciplinary Project
  - Research
  - HIC

ALTERNATING SCHEDULE
(No access to DS4H offer)
Choose your DS4H minors for S3

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
Choose (S1):

PERSONAL PROJECT

Choose (S3):

OPTION

DS4H Minor

Disciplinary option

ALTERNATING SCHEDULE
(No access to DS4H offer)

Tutorship
in laboratory

Multidisciplinary Project
- Research
- HIC

Disciplinary Project

DS4H Project
Choose your DS4H minors for S3

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M1 MIAGE (annualized)

P. Renevier

Apprenticeship

Initial training

Choose (S1+S2): OPTION
Mandatory: 1 DS4H Minor / Semester

Choose (S1+S2): PERSONAL PROJECT

DS4H Project

Tutorship in laboratory

Multidisciplinary Project
- Research
- HIC

Disciplinary Project

ALTERNATING SCHEDULE
(No access to DS4H offer)
Choose your DS4H minors

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M2 MIAGE INTENSE (annualized)

A. Blandel

Apprenticeship

Initial training

ALTERNATING SCHEDULE
(No access to DS4H offer)

OPTION
Mandatory (S3): 1 DS4H Minor

PERSONAL PROJECT

DS4H Project

Tutorship

In laboratory

Multidisciplinary Project

• Research
• HIC

Disciplinary Project
Choose your DS4H minors
for Autumn semester (S3)

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
PERSONAL PROJECT

ALTERNATING SCHEDULE
(No access to DS4H offer)

Apprenticeship

Initial training

OPTION
Mandatory (S3): 1 DS4H Minor

PERSONAL PROJECT

DS4H Project

Tutorship
In laboratory

Multidisciplinary Project
- Research
- HIC

Disciplinary Project

M2 MIAGE SIRIS (annualized)

N. Sauvage
Choose your DS4H minors for Autumn semester (S3)

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M2 MIAGE MBDS (annualized)

G. Mopolo-Moke

Apprenticeship

Initial training

OPTION
Mandatory: 1 DS4H Minor during S3 or S4

ALTERNATING SCHEDULE
(No access to DS4H offer)

PERSONAL PROJECT

Disciplinary Project

DS4H Project
- Tutorship
  - In laboratory

Multidisciplinary Project
- Research
- HIC
Choose your DS4H minors for S3 or S4

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
Choose your DS4H projects for S3

M2 MIAGE iA2 (annualized)
M. Winter

PERSONAL PROJECT

Mandatory (S3): 1 DS4H Project

Tutorship in laboratory

Multidisciplinary Project

- Research
- HIC
- SUGAR
**M1 Master Electronics (EEA)**

M. Al Khalfioui

**Apprenticeship**

**Initial training**

**ALTERNATING SCHEDULE**
(No access to DS4H offer)

**Choose (S1) : OPTION**
- DS4H Minor
- Disciplinary option

**Choose (S1): PERSONAL PROJECT**
- DS4H Project
- Tutorship
- Multidisciplinary Project
  - Research
  - HIC

Disciplinary Project
Choose your DS4H minors for S1

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M2 Master Electronique (EEA)

J. Lantéri

Apprenticeship

Initial training

ALTERNATING SCHEDULE
(No access to DS4H offer)

Choose (S3): OPTION

DS4H Minor
Disciplinary option

Choose (S3): PERSONAL PROJECT

DS4H Project
Disciplinary Project

Tutorship in laboratory

Multidisciplinary Project
- Research
- HIC
Choose your DS4H minors for S3

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribere)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M1 Stratégie digitale

L. Arena

**Apprenticeship**
In enterprise on **Wednesdays**, **Thursdays** and **Fridays**

**Initial training**

Choose (S1 or S2): **OPTION**
- DS4H Minor
- Disciplinary option

Choose (S1 or S2): **PERSONAL PROJECT**
- DS4H Project
- Tutorship in laboratory
  - Multidisciplinary Project
    - Research
    - HIC
  - Disciplinary Project

Choose (S1 or S2): **PERSONAL PROJECT**
- DS4H Project
- Tutorship in laboratory
  - Multidisciplinary Project
    - Research
    - HIC
- Disciplinary Project
M1 Stratégie digitale

L. Arena

Choose your DS4H minors for S1 or S2

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- **ONLINE!** Anthropology and Ethics of Technics (V. Tirloni)
- **Digital Strategy** (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- **ONLINE!** Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- **ONLINE!** Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)

OBS! ONLY ONLINE minors are available to students in Apprenticeship
M2 Stratégie digitale (annualized)

L. Arena

Apprenticeship
In enterprise on Thursdays and Fridays

Choose (S3 or S4): OPTION
DS4H Minor (1 poss in S3 or S4) Disciplinary option

Choose (S3 or S4): PERSONAL PROJECT
DS4H Project (1 poss in S3 or S4) Multidisciplinary Project
Tutorship in laboratory

Initial training

Choose (S3 or S4): OPTION
DS4H Minor (1 poss in S3 or S4) Disciplinary option

Choose (S3 or S4): PERSONAL PROJECT
DS4H Project (1 poss in S3 or S4) Multidisciplinary Project
Tutorship in laboratory

- Research
- HIC
- SUGAR
Choose your DS4H minors for S3 or S4

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- ONLINE! Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- ONLINE! Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- ONLINE! Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)

OBS! ONLY ONLINE minors are available to students in Apprenticeship
Initial training

Choose (S1): OPTION
- DS4H Minor
- Disciplinary option

Choose (S1): PERSONAL PROJECT
- DS4H Project
- Tutorship in laboratory
- Multidisciplinary Project
  - Research
  - HIC
- Disciplinary Project
Choose your DS4H minors for S1

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M2 Digital IP and Law DPINT
T. Marteu & A. Guesmi

Apprenticeship

ALTERNATING SCHEDULE
DS4H Minors possible
IF
compatible with schedule

Initial training

OPTION
Mandatory (S3): 1 DS4H Minor

Choose (S3): PERSONAL PROJECT

Disciplinary Project

DS4H Project

Tutorship
Multidisciplinary Project
- Research
- HIC

in laboratory
Choose your DS4H minors for S3

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
Initial training

OPTION
Mandatory: 2 DS4H Minors (1 online + 1 presential)

Choose: PERSONAL PROJECT

DS4H Project
Tutorship in laboratory

Disciplinary Project
Multidisciplinary Project
• Research
• HIC
Choose your DS4H minors for S3

• Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
• ONLINE Anthropology and Ethics of Technics (V. Tirloni)
• Digital Strategy (L. Arena)
• ICT and Environment (L. Deneire & G. Urvoy-Keller)
• ONLINE Innovation and Creativity (C. De Smet)
• Innovation and Design Thinking (INVENT)
• Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
• Introduction to scientific research (G. Bernot)
• Organize your work in project mode (E. Le Roy)
• Quantum Computing and Networking (G. Neglia)
• Sensor and Network devices (J.M. Ribero)
• Sociology of Creative Industries (M. Boutet)
• Technological challenges in the IoT domain (F. Verdier)
• Tools 2 Communicate (A.L. Simonelli)
• Web Technologies / Javascript introduction (M. Buffa)
• Website creation Workshop (N. Fogliarini)
Initial training

Choose: OPTION

DS4H Minor
Disciplinary option

PERSONAL PROJECT

DS4H Project
Tutorship in laboratory

Multidisciplinary Project
- Research
- HIC

Disciplinary Project
Choose your DS4H minors for S1

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
PERSONAL PROJECT

DS4H Project
Tutorship in laboratory

Disciplinary Project
Multidisciplinary Project
• Research
• HIC

Initial training

Choose: OPTION
Mandatory (S1): 1 DS4H Minor

M1 Ergonomics ECTN
P. Therouanne
Choose your DS4H minors for S1

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
M1+M2 Linguistic LTITPC
D. Passino

Initial training

Choose S1 and S3: OPTION

- DS4H Minor
- Disciplinary option

PERSONAL PROJECT

- DS4H Project
- Tutorship in laboratory
- Multidisciplinary Project
  - Research
  - HIC

Disciplinary Project
Choose your DS4H minors for S1 and S3

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
- Organize your work in project mode (E. Le Roy)
- Quantum Computing and Networking (G. Neglia)
- Sensor and Network devices (J.M. Ribero)
- Sociology of Creative Industries (M. Boutet)
- Technological challenges in the IoT domain (F. Verdier)
- Tools 2 Communicate (A.L. Simonelli)
- Web Technologies / Javascript introduction (M. Buffa)
- Website creation Workshop (N. Fogliarini)
PERSONAL PROJECT

Choose (S3): OPTION

DS4H Minor  INVENT (hors DS4H)

Initial training

PERSONAL PROJECT

DS4H Project

Tutorship

In laboratory

Multidisciplinary Project

- Research
- HIC

Disciplinary Project
Choose your DS4H minors for S3

- Advanced AI: Advanced Machine Learning and Deep Learning (M. Riveill)
- Anthropology and Ethics of Technics (V. Tirloni)
- Digital Strategy (L. Arena)
- ICT and Environment (L. Deneire & G. Urvoy-Keller)
- Innovation and Creativity (C. De Smet)
- Innovation and Design Thinking (INVENT)
- Introduction to AI: Data Analysis and Machine Learning (M. Riveill)
- Introduction to scientific research (G. Bernot)
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9h30-10h00

Presentation of each Master by its responsible
Master INFORMATIQUE

Andrea Tettamanzi
andrea.tettamanzi@univ-cotedazur.fr
9h30
Persons in Charge

Master in Computer Science
Andrea Tettamanzi

Informatique & interactions Curriculum
<10 students
Enrico Formenti

Ingénierie informatique Curriculum
(6 «minors» including Ubinet)
100+ students
Yves Roudier + Guillaume Urvoy-Keller + Jean-Yves Tigli

EiT Digital Curriculum
~10 students
Françoise Baude

M2

M1 informatique
(merged with the M1 Computer Science International)
~60 students
Cinzia Di Giusto + Philippe Renevier

EiT Digital Curriculum
~10 students
Françoise Baude

M1
Curriculum : M1 Informatique/CS

- Bachelor-Master-PhD System
- Your goal is to leave with (at least) an M2. That’s very important for you!
- The offer at the Master level has been simplified:
  - Hyper-specialized Master with a fixed curriculum
  - à la carte Master (that’s our case)
M2 Curricula

- Choice of two curricula:
  - Informatique & Interactions (CS & Interactions – DS4H)
  - Ingénierie informatique (CS & Engineering – Polytech’Nice-Sophia)
- Fall semester: classes
- Spring semester: internship of at least 5 months (in a company or a research laboratory)
- The internship grants you a “remuneration” (min €500/month)
- The internship is very important!
Organization

- 1 course = 3 ECTS (except for TER)
- 1 course = 8 “half-days” of 3 hours each
- No classes between 12:15 and 13:30
Apprenticeship / Work-Study Program

- When you’re not in class, you work for a company, which pays you a salary (> € 850 / month)
- Interested?
  - Please get in touch with Dr. Philippe Renevier
  - You will have to find a company and propose a project in front of a committee
- Attention: that’s subject to approval!
- VERY COMMON in M2
Présentation

• 50 ans de la MIAGE

• Plus vieille formation en informatique de France
50 ans de la MIAGE

• 1970 naissance des MIAGEs, 1972 celle de Nice

• On est la 2ème plus grosse MIAGE de France (avec les antennes délocalisées)
LE PARCOURS MIAGE A PARTIR DE 2020

Master 1 MIAGE
Apprentissage

Licence MIASHS parcours MIAGE
Apprentissage

M2 MBDS
M2 SIRIS
M2 INTeNsE

M2 IA2 Apprentissage

Intelligence Artificielle Appliquée

L2 MIASHS
IUT
CONTEXTE ET PERSPECTIVES PROFESSIONNELLES

- Métiers visés (à court, moyen ou long terme) :

  ✓ Business analyst (assistance maîtrise d’ouvrage),
  ✓ Chef de projets numériques,
  ✓ Architecte/concepteur systèmes,
  ✓ Architecte bases de données,
  ✓ Architecte Big Data,
  ✓ Ingénieur Big Data,
  ✓ Master data manager
    (gestionnaire des données de référence),

  ✓ Data analyst (analyste des données),
  ✓ Data protection officer (délégué à la protection des données),
  ✓ Administrateur systèmes,
  ✓ Administrateur bases de données,
  ✓ Chief data officer (Directeur des données),
  ✓ DevOps et DevSecOps,
  ✓ Analyste programmeur,
  ✓ Développeur : mobile, web, backend, front-end, full-stack...
  ✓ Testeur/intégrateur solutions numériques,
  ✓ Consultant, formateur, start-uppeur/entrepreneur... systèmes numériques.
Master
ÉLECTRONIQUE, ÉNERGIE ÉLECTRIQUE, AUTOMATIQUE

Jérôme Lanteri
jerome.lanteri@univ-cotedazur.fr

9h42
Specialty: Electronics, Telecommunication systems

Objectives:
- Propose advanced courses in Electronics, Telecommunications, Embedded Systems
- It trains managers in electronic domain
- Develop new skills by following modules from other EUR disciplines (law, business, IT, entrepreneurship, etc)

How is the program structured?
- Master 1: 650h
- Master 2: 400h (theoretical courses) + 6-month internship
- Major/Minor
- Professional and research project (Individual tutorships, multidisciplinary group projects)
- 2 fields of specialization in M2: Internet of Things or Radar Imaging and Telecommunications

Admissions
- M1: to have a L3 diploma (180 ECTS) in Electronics or equivalent, or for candidates that studied in a foreign country, to have an equivalent level.
- M2: to have a M1 diploma (240 ECTS) in Electronics or equivalent or for candidates that studied in a foreign country, to have an equivalent level

Internship (6 months)
- Companies
- Research laboratories
Topics addressed

- Electronic & microelectronic circuits
- Telecommunications Systems
- Robotics: an introduction
- Microprocessor Architecture
- Signal processing
- Microwave engineering & Imaging
- Design of embedded systems
Application: Development of systems for millimeter wave imaging

Zone of interest

Radar measurements

Radar, Embedded system

Antennas, RF circuit

Radar signal

Signal processing, imaging algorithm

Identification

=> material, shape
Projects

Individual tutorships (immersion in a laboratory)
- Symbolic handling of numerical constraints by Linear Decision Diagrams
- Design of a pattern reconfigurable antenna for adaptive and energy efficient IoT devices
- Digital beamforming antenna array
- Design of a self-adjustable antenna for IoT application
- Estimation of small antenna performance using machine learning

Disciplinary Project
- Connected house

Multidisciplinary group projects
- SMART IOT FOR MOBILITY
  - M2 Digital Strategy
  - M2 Digital Law and Intellectual Property
  - M2 EEA
  - M2 Informatique
Careers & Recruiting companies

Abeeway
ethertronics
NXP
RHÔN’ TELECOM
SOFTWARELABS
bouygues
electric
Schneider
VISHAY
Qualcomm
THALES
LACROIX
cilas
arianeGroup

Academic & Industrial Research (Telecom, Embedded Systems, Microelectronics sectors)

- Researchers
- Engineers

PhD Thesis

- Information and Communication Sciences and Technologies
- Assistant professor
- Research Engineer
- Project Manager
Thank you for your attention

M. AL KHALFIIOUI – M1 coordinator
mohamed.alkhalfioui@univ-cotedazur.fr

J. LANTERI – M2 coordinator
jerome.lanteri@univ-cotedazur.fr
Master « Digital Strategy »

Mention « Innovation, Entreprise et Société »
Université Côte d’Azur
Overview

• **20 years** of existence
• Master in **2 years**
• Responds to requests from the territory and socio-economic actors with the desire to make the region a territory of excellence for the digital transition
• Open to work-study programs (professionalization and apprenticeship) for better professional integration of students
• Mainly concerned with management and economics

@lise.arena
Provide students with a multidisciplinary thinking (management, economics, ergonomics and web techniques) to analyze the logic of digital transformation in private or public organizations.

Train students in the 3 dimensions of digital strategy
- Strategy of dematerialization of internal processes of an organization
- Customer relationship digitalization strategy
- Innovation strategy and new digital business models
# Main competencies and expected jobs

<table>
<thead>
<tr>
<th>Objectifs</th>
<th>Competencies</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategy for the dematerialization of an organization's internal processes</td>
<td>Manage and conduct an information system project</td>
<td>Assistant to the project owner in digital projects (AMOA), Information systems consultant, Information systems project manager</td>
</tr>
<tr>
<td>Customer relationship digitalization strategy</td>
<td>Deploy new e-commerce strategies and support the digitization of customer relations</td>
<td>CRM Manager, Head of digital marketing, head of B to B, Head of pricing strategy</td>
</tr>
<tr>
<td>Innovation strategy and new digital business models</td>
<td>Analyze and build digital strategies and their new economic models</td>
<td>Chief Digital Officer, digital project manager</td>
</tr>
</tbody>
</table>
Jobs (Cohorts 2018-21)

- Research (Ph.D.)
  - Aleksa, Ph.D. in Statistics (University of Rijeka, Croatia) and Data analyst at Ernst & Young, 2018/19
  - Marta, Ph.D. in Economics and Management (UCA), 2018/19
  - Nicolas, Ph.D. in Knowledge Management (Université Technologique de Troyes), 2018/19

- Project management
  - Yasser, AMOA Digital, CEGEMA, 2018/19
  - Barbara, Project manager, MyCoach, 2018/19
  - Mustapha, Product Definition Analyst, Amadeus, 2018/19

- Social media/ Digital Marketing
  - Hélène, Social media and marketing manager, Evolufior, 2019/20
  - Nicolas, Marketing manager, GreenBull, 2019/20
  - Elena, Digital strategy consultant, freelance, 2019/20

- Strategy
  - Gregori, Membre du conseil municipal subdélégué à la smart city et à l'IA, Ville de Cannes, 2018/19
  - Elisa, Recruitment manager, WellJob, 2020/21
Further info...

- Website
  http://univ-cotedazur.fr/fr/education/trouver-sa-formation-1/masters/parcours/strategies-digitales

- Facebook + LinkedIn + Instagram
  https://www.facebook.com/MSDIGITALE/?eid=ARDt20_MUl0bu6GFYKUoe0u9YxAuLXGzKYZpbfbImVQpSWeqxcdbvOUzeZsJeqH-Lm1zAHL0tclHG0G
Master
DROIT DES AFFAIRES, DIGITAL IP&LAW

Jennifer Bardy
Jennifer.Bardy@univ-cotedazur.fr

9h54
Master 1 Business law

Jennifer BARDY
Associate professor in private law
The Business law mention trains the various disciplines of economic and business law

The mention offers two courses:

- Business law course
- Sports jurist course

The Master of Business law offers in-depth legal training allowing graduates to fulfill the legal advice and assistance missions that companies need both in their day-to-day management and on the occasion of more ambitious projects or litigation.

The Master also offers an opening on the methods of research in law.

The Master Sports jurist trains future legal professionals capable of carrying out any advisory and assistance mission 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:

- Algorithmic law and data governance
  - Banking and fintech law
- Intellectual property law and new technologies
  - Economic law
  - Business jurist
- Risk and sustainable development jurist
  - Sports jurist
M2 INTELLECTUAL PROPERTY LAW AND NEW TECHNOLOGIES

Thierry MARTEU & Amelle GUESMI
Associate professors in private law