



UNIVERSITÉ  
CATHOLIQUE  
DE LILLE 1875



Erasmus+  
Enriching lives, opening minds.



**Courses open to visiting professors**  
Academic year 2023 - 2024

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# WELCOME !

## Greetings from *Université Catholique de Lille, France* !

We are delighted to invite you to come to Lille to teach our students.

In this catalogue, you will find a list of courses open to visiting professors from our partner universities.

The costs for your trip to Lille could be covered by your home university's Erasmus+ funds.

You should plan for:

- 8 hours of teaching per week minimum
- 2 to 60 days excluding travel days

(For our ICM partners, costs would be covered by our University after selection by the International Committee from both universities. The minimum duration of the stay is 5 days.)\*

To apply, please email the contact person attached to the course that you would offer to teach.

The deadline is :

- **15 May** to apply for teaching in the Fall Semester,
- **15 October** for the Spring Semester.

For general information, feel free to email us at [erasmus@univ-catholille.fr](mailto:erasmus@univ-catholille.fr)

*\*Opportunities listed in this catalogue are part of exchange programs, teachers are paid by the home institution. Teaching in Lille does not imply salary from UCL.*

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# POLITICAL SCIENCE & LAW

## POLITICAL SCIENCE

| COURSE                                   | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL                           | PERIOD           | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|-------|----------|---------------------------------|------------------|---------------------|--|
| Parties and Party Systems in Europe      | ESPOL              | 08:00 | EN       | Undergraduate /<br>Postgraduate | 14.11-18.11.2022 | On site             | <a href="mailto:felix.vonnostitz@univ-catholille.fr">felix.vonnostitz@univ-catholille.fr</a> |
| Issues in Contemporary European Politics | ESPOL              | 04:00 | EN       | Postgraduate                    | 26-28 09 2022    | On site             | <a href="mailto:andrew.glencross@univ-catholille.fr">andrew.glencross@univ-catholille.fr</a> |
| EU Foreign Policy                        | ESPOL              | 02:00 | EN       | Postgraduate                    | 6-8 03 2023      | On site             | <a href="mailto:michael.holmes@univ-catholille.fr">michael.holmes@univ-catholille.fr</a>     |

## LAW

| COURSE                               | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL                           | PERIOD         | ON SITE /<br>ONLINE | CONTACT  |
|--------------------------------------|--------------------|-------|----------|---------------------------------|----------------|---------------------|--|
| Public International Law             | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 1     | On site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| EU Law                               | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 1     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| Introduction to Asian Legal system   | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 1     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| Moot Court (EU Law)                  | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 1     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| International Trade Law              | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 2     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| Financial economics                  | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 1     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| Theory of State                      | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 1 & 2 | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| Introduction to African Legal system | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 2     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| Human Rights                         | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 2     | on site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| EU competition law                   | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 2     | On site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |
| EU Digital law                       | FD                 | 24h   | EN       | Undergraduate /<br>Postgraduate | Semester 2     | On site             | <a href="mailto:aurelien.raccach@univ-catholille.fr">aurelien.raccach@univ-catholille.fr</a> |



# ACCOUNTING & FINANCE

## ACCOUNTING, FINANCE & AUDIT

| COURSE  | SCHOOL/<br>FACULTY | HOURS    | LANGUAGE | LEVEL         | PERIOD | ON SITE /<br>ONLINE | CONTACT  |
|---|--------------------|----------|----------|---------------|--------|---------------------|--|
| Introduction to Fintech                               | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Corporate social responsibility in accounting         | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Introduction to Fintech                               | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Understanding cyber security in accountancy and audit | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Introduction to social entrepreneurship               | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Introduction to marketing                             | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Risk accounting management                            | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Sustainable development                               | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Intro to international entrepreneurship               | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |
| Cross cultural mangement                              | FGES               | 8 heures | EN       | Undergraduate | March  | On site             | <a href="mailto:jihene.ghouli-oueslati@univ-catholille.fr">jihene.ghouli-oueslati@univ-catholille.fr</a> |

# HUMAN SCIENCES

## SOCIAL WORK & SOCIOLOGY

| COURSE                                 | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL        | PERIOD   | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|-------|----------|--------------|----------|---------------------|--|
| Diversity: a philosophical perspective | ISL                | 14h   | EN       | Postgraduate | June     | On site             | <a href="mailto:laure.lienard@institut-social-lille.fr">laure.lienard@institut-social-lille.fr</a>                 |
| International Social Work              | ISL                | 14h   | EN       | Postgraduate | May      | On site             | <a href="mailto:laure.lienard@institut-social-lille.fr">laure.lienard@institut-social-lille.fr</a>                 |
| Diversity                              | ISL                | 28h   | EN       | Postgraduate | March    | On site             | <a href="mailto:laure.lienard@institut-social-lille.fr">laure.lienard@institut-social-lille.fr</a>                 |
| Sociology of gender                    | ISL                | 8h    | FR / EN  | Postgraduate | February | On site             | <a href="mailto:estelle.soudant-caron@institut-social-lille.fr">estelle.soudant-caron@institut-social-lille.fr</a> |
| Sociology of poverty                   | ISL                | 8h    | FR / EN  | Postgraduate | December | On site             | <a href="mailto:estelle.soudant-caron@institut-social-lille.fr">estelle.soudant-caron@institut-social-lille.fr</a> |



# BUSINESS & MANAGEMENT

| COURSE   | SCHOOL/<br>FACULTY | HOURS   | LANGUAGE | LEVEL        | PERIOD           | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|---------|----------|--------------|------------------|---------------------|--|
| News economic models, circular economy, ...    | FGES               | 8 hours | EN       | Postgraduate | February - March | On site             | <a href="mailto:emmanuel.pic@univ-catholille.fr">emmanuel.pic@univ-catholille.fr</a>             |
| Introduction social business                   | FGES               | 8 hours | EN       | Postgraduate | February - March | On site             | <a href="mailto:emmanuel.pic@univ-catholille.fr">emmanuel.pic@univ-catholille.fr</a>             |
| Introduction to Cross cultural management      | FGES               | 8 hours | EN       | Postgraduate | February - March | On site             | <a href="mailto:emmanuel.pic@univ-catholille.fr">emmanuel.pic@univ-catholille.fr</a>             |
| introduction to sustainable finance            | FGES               | 8 hours | EN       | Postgraduate | February - March | On site             | <a href="mailto:emmanuel.pic@univ-catholille.fr">emmanuel.pic@univ-catholille.fr</a>             |
| Geopolitics                                    | FGES               | 4 à 8   | EN       | Postgraduate | September - May  | On site             | <a href="mailto:veronique.flambard@univ-catholille.fr">veronique.flambard@univ-catholille.fr</a> |
| Doing Business in Africa, Asia, Americas...etc | FGES               | 4 à 8   | EN       | Postgraduate | September - May  | On site             | <a href="mailto:veronique.flambard@univ-catholille.fr">veronique.flambard@univ-catholille.fr</a> |
| Product management                             | FGES               | 4 à 8   | EN       | Postgraduate | September - May  | On site             | <a href="mailto:veronique.flambard@univ-catholille.fr">veronique.flambard@univ-catholille.fr</a> |
| Business Game Operation Management             | FGES               | 00:00   | EN       | Postgraduate | September - May  | On site             | <a href="mailto:veronique.flambard@univ-catholille.fr">veronique.flambard@univ-catholille.fr</a> |

| COURSE   | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL        | PERIOD                          | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|-------|----------|--------------|---------------------------------|---------------------|--|
| Cross-cultural management                                  | ISTC               | 14:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| International Business & strategy - focus on Europe        | ISTC               | 07:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| International Business & strategy - focus on Asia          | ISTC               | 07:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| International Business & strategy - focus on North America | ISTC               | 07:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| International Business & strategy - focus on South America | ISTC               | 07:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |

| COURSE                              | SCHOOL/<br>FACULTY | HOURS     | LANGUAGE       | LEVEL  | PERIOD                                   | ON SITE /<br>ONLINE | CONTACT  |
|-------------------------------------|--------------------|-----------|----------------|--------|--|---------------------|--|
| Project Management                  | JUNIA              | 32h       | French/English | Master | September-December                       | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Communication and crisis management | JUNIA              | 12 to 16h | French/English | Master | September-December                       | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Digital communication               | JUNIA              | 12 to 16h | French/English | Master | September-December                       | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| BtoB marketing                      | JUNIA              | 4 to 12h  | French/English | Master | September - December or February - March | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Consumer behaviour                  | JUNIA              | 12 to 16h | French/English | Master | 1st or 2nd semester                      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Brand strategy                      | JUNIA              | 8h to 16h | French/English | Master | 1st or 2nd semester                      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Communication policy                | JUNIA              | 8h to 16h | French/English | Master | 1st or 2nd semester                      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Business intelligence               | JUNIA              | 8 to 12h  | French/English | Master | September-December                       | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Cross-cultural management           | JUNIA              | 16 to 20h | French/English | Master | September-December                       | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Market Research                     | JUNIA              | 4 to 16h  | French/English | Master | 1st or 2nd semester                      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

| COURSE   | SCHOOL/<br>FACULTY | HOURS     | LANGUAGE       | LEVEL  | PERIOD              | ON SITE /<br>ONLINE  | CONTACT  |
|--|--------------------|-----------|----------------|--------|---------------------|----------------------|--|
| Marketing strategy -Strategic analysis   | JUNIA              | 8 to 12h  | French/English | Master | October-December    | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Business model and value proposition canvas  | JUNIA              | 8 to 12h  | French/English | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Business development   | JUNIA              | 8 to 12h  | French/English | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Purchase   | JUNIA              | 12 to 16h | English        | Master | January-February    | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Sales enablement   | JUNIA              | 8 to 12h  | French/English | Master | September-December  | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Sales negotiation  | JUNIA              | 12 to 24h | French/English | Master | September-January   | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Digital business   | JUNIA              | 8 to 16h  | French/English | Master | February -March     | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Supply chain management  | JUNIA              | 20h       | French/English | Master | September-January   | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Financial Analysis (analysis of consolidated financial statements and IFRS / Cost of capital and Governance) | JUNIA              | 15 to 30H | English        | Master | April-Mai           | Possible 100% online | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Human resources management   | JUNIA              | 8 to 16h  | English        | Master | September-January   | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| New product development and innovation   | JUNIA              | 8 to 16h  | English        | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Entrepreneurship / Social Entrepreneurship   | JUNIA              | 8 to 16h  | English        | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Customer relationship management   | JUNIA              | 8 to 16h  | English        | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Business analytics / Marketing analytics   | JUNIA              | 8 to 16h  | English        | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |
| Agricultural economics   | JUNIA              | 8 to 16h  | English        | Master | 1st or 2nd semester | Open to discussion   | <a href="mailto:international.cooperation@iunia.com">international.cooperation@iunia.com</a> |

## MARKETING & COMMUNICATION

| COURSE                           | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL        | PERIOD                          | ON SITE /<br>ONLINE | CONTACT  |
|----------------------------------|--------------------|-------|----------|--------------|---------------------------------|---------------------|--|
| Branding                         | ISTC               | 14:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| Global communication             | ISTC               | 14:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| Multicultural consumer behaviour | ISTC               | 20:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |
| Crisis communication             | ISTC               | 14:00 | EN       | Postgraduate | End of August to end of January | On site             | <a href="mailto:julie.bergues@istc.fr">julie.bergues@istc.fr</a> |



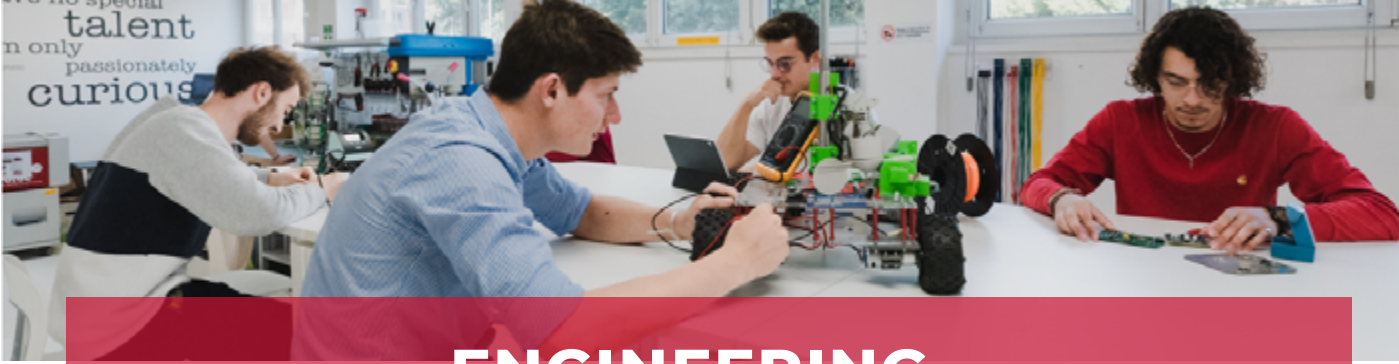
# HEALTH & MEDICINE

## HEALTH & MEDICINE

| COURSE  | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL         | PERIOD | ON SITE /<br>ONLINE | CONTACT  |
|---|--------------------|-------|----------|---------------|--------|---------------------|--|
| Ouverture, classification et comparatif des systèmes de santé | FMMS               | 08:00 | FR       | Undergraduate | April  | On site             | <a href="mailto:zuzana.kotherova@fsv.cuni.cz">zuzana.kotherova@fsv.cuni.cz</a> |

| COURSE                | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL         | PERIOD | ON SITE /<br>ONLINE | CONTACT  |
|-----------------------|--------------------|-------|----------|---------------|--------|---------------------|--|
| Health: a common good | ISL                | 18h   | EN       | Undergraduate | July   | On site             | <a href="mailto:laure.lienard@institut-social-lille.fr">laure.lienard@institut-social-lille.fr</a> |





# ENGINEERING

## SMART SYSTEMS & ENERGIES

| COURSE   | SCHOOL/<br>FACULTY | HOURS      | LANGUAGE | LEVEL         | PERIOD               | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|------------|----------|---------------|----------------------|---------------------|--|
| Power systems analysis using PowerFactory software | JUNIA              | 12 to 16h  | EN       | Postgraduate  | October - November   | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Advanced Fluid Dynamics                            | JUNIA              | 15h to 20h | EN       | Postgraduate  | To be discussed      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Advanced Heat Transfer                             | JUNIA              | 15h to 20h | EN       | Postgraduate  | To be discussed      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Energy Management System                           | JUNIA              | 12 to 15h  | EN       | Postgraduate  | September - December | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Electric Power Distribution                        | JUNIA              | 12h        | EN       | Postgraduate  | April - May          | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Mechanical Design                                  | JUNIA              | 12 to 15h  | EN       | Undergraduate | February - March     | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Design and Mechanic                                | JUNIA              | 12 to 15h  | EN       | Undergraduate | February - March     | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

## BUILDING & URBAN ENVIRONMENT

| COURSE   | SCHOOL/<br>FACULTY | HOURS  | LANGUAGE          | LEVEL        | PERIOD               | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|--------|-------------------|--------------|----------------------|---------------------|--|
| Urban Management Project                                 | JUNIA              | 8h-15h | English           | Postgraduate | January - March      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Intelligent Transportation System and Traffic Management | JUNIA              | 20h    | English           | Postgraduate | January - April      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Road Safety  | JUNIA              | 15h    | English           | Postgraduate | January - April      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Smart Water  | JUNIA              | 8h     | English           | Postgraduate | January - Master     | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Planning and Design of Urban Space                       | JUNIA              | 8-12h  | English           | Postgraduate | September - November | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| GIS and Urban Planning                                   | JUNIA              | 8-12h  | English           | Postgraduate | September - October  | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Sustainable architecture / construction                  | JUNIA              | 8h     | English or French | Postgraduate | January - April      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Architecture History Culture                             | JUNIA              | 4 - 8h | English or French | Postgraduate | September - November | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Construction 4.0   | JUNIA              | 4h     | English or French | Postgraduate | December             | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Fibrous Material   | JUNIA              | 8-20 h | English           | Postgraduate | September - November | Possible 100%       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Advanced technical textiles                              | JUNIA              | 8-20 h | English or French | Postgraduate | September - October  | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Functional textiles                                      | JUNIA              | 8h     | English or French | Postgraduate | September - November | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Surface treatments (textile finishing) and coating       | JUNIA              | 8h     | English or French | Postgraduate | January - April      | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

## ENGINEER TOOLS

| COURSE     | SCHOOL/<br>FACULTY | HOURS    | LANGUAGE          | LEVEL        | PERIOD           | ON SITE /<br>ONLINE | CONTACT  |
|------------|--------------------|----------|-------------------|--------------|------------------|---------------------|--|
| Automation | JUNIA              | 8 to 10h | English or French | Postgraduate | February - March | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

# INFORMATICS & MECHANICAL ENGINEERING

| COURSE   | SCHOOL/<br>FACULTY | HOURS | LANGUAGE | LEVEL         | PERIOD                  | ON SITE /<br>ONLINE   | CONTACT  |
|--|--------------------|-------|----------|---------------|-------------------------|-----------------------|--|
| Project Management   | JUNIA              | 10h   | English  | Undergraduate | September -<br>December | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Electronics  | JUNIA              | 48h   | English  | Undergraduate | January -May            | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Mechatronic : Introduction                                   | JUNIA              | 26h   | English  | Undergraduate | September -<br>December | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Artificial intelligence & Machine<br>Learning : Introduction | JUNIA              | 40h   | English  | Undergraduate | September -<br>December | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Microcontrôleur : Introduction                               | JUNIA              | 30h   | English  | Undergraduate | January -May            | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Information Systems - Cybersecurity                          | JUNIA              | 20h   | English  | Undergraduate | January -May            | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Artificial Intelligence                                      | JUNIA              | 30h   | English  | Undergraduate | January -May            | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Robotics (Automatique, Pilotage<br>système)                  | JUNIA              | 30h   | English  | Undergraduate | January -May            | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

# ELECTRONICS, PHYSICS & ACOUSTICS

| COURSE   | SCHOOL/<br>FACULTY | HOURS      | LANGUAGE                     | LEVEL                          | PERIOD                              | ON SITE /<br>ONLINE   | CONTACT  |
|--|--------------------|------------|------------------------------|--------------------------------|-------------------------------------|-----------------------|--|
| Hardware for Artificial Intelligence   | JUNIA              | 8h         | English                      | Postgraduate                   | September –<br>March                | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Workshop on Auditory display of<br>Natural Data : data conditioning, state-<br>of-the-art methods, development of<br>new methods | JUNIA              | 10 to 20h  | English (French<br>possible) | Undergraduate/Postgr<br>aduate | September –<br>March                | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Workshop on Bio-inspired materials in<br>connection to the module M2 "Bio-<br>Nano-Tech"   | JUNIA              | 10 to 20 h | English (French<br>possible) | Undergraduate/Postgr<br>aduate | May – December<br>(other dates TBD) | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Microcontrollers architecture (internal<br>structure, ALU, addressing modes,<br>peripherals): class + practical labs             | JUNIA              | 10 to 30 h | English                      | Undergraduate                  | January - May                       | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

# COMPUTER SCIENCE & MATHEMATICS

| COURSE   | SCHOOL/<br>FACULTY | HOURS      | LANGUAGE | LEVEL         | PERIOD                | ON SITE /<br>ONLINE   | CONTACT  |
|--|--------------------|------------|----------|---------------|-----------------------|-----------------------|--|
| Modelling with PDEs  | JUNIA              | 8h         | English  | Undergraduate | Spring                | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Quality control and uncertainty in<br>engineering                                | JUNIA              | 8h         | English  | Undergraduate | Spring                | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Laplace transforms and transfer<br>functions                                     | JUNIA              | 8h         | English  | Undergraduate | Spring                | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Least squares methods  | JUNIA              | 8h         | English  | Undergraduate | Spring                | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Optimization for engineering (Linear<br>programming and Lagrange<br>multipliers) | JUNIA              | 8h         | English  | Undergraduate | Spring                | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Computer Architecture & Networks   | JUNIA              | 20h to 30h | English  | Undergraduate | Fall                  | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Advanced Programming (C language)  | JUNIA              | 20h to 30h | English  | Undergraduate | Spring                | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Software Design (Java language)  | JUNIA              | 20h to 30h | English  | Undergraduate | Spring                | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Information Systems  | JUNIA              | 20h to 30h | English  | Undergraduate | Spring                | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Databases (SQL)  | JUNIA              | 20h to 30h | English  | Undergraduate | Spring                | Open to<br>discussion | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Artificial intelligence : Machine<br>Learning and Deep Learning                  | JUNIA              | 8h         | English  | Postgraduate  | December or<br>Spring | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Artificial intelligence : Reinforcement<br>Learning                              | JUNIA              | 8h         | English  | Postgraduate  | December or<br>Spring | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Computer Vision  | JUNIA              | 8h         | English  | Postgraduate  | December or<br>Spring | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Hardware Artificial intelligence : Cuda<br>programming                           | JUNIA              | 8h         | English  | Postgraduate  | December or<br>Spring | On site               | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

# LIFE SCIENCES

## HEALTH & ENVIRONMENT

| COURSE   | SCHOOL/<br>FACULTY | HOURS     | LANGUAGE | LEVEL        | PERIOD             | ON SITE /<br>ONLINE | CONTACT  |
|--|--------------------|-----------|----------|--------------|--------------------|---------------------|--|
| Industrial water management, waste water treatment, water re-use...                                | JUNIA              | 10 to 30h | EN       | Postgraduate | February - May     | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Alternative use of polluted sites / sustainable management of polluted areas / lanscape management | JUNIA              | 20 to 30h | EN       | Postgraduate | September-December | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Solid waste management and circular economy  | JUNIA              | 20 to 30h | EN       | Postgraduate | February - May     | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Polluted sediment management / treatment / valorization  | JUNIA              | 5 to 10h  | EN       | Postgraduate | February - May     | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| The role of biomass in the bioeconomy: from bioenergy to green chemistry                           | JUNIA              | 20 to 30h | EN       | Postgraduate | January            | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Ecological restoration   | JUNIA              | 20 to 30h | EN       | Postgraduate | September-December | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Applied techniques of pollution remediation  | JUNIA              | 10 to 15h | EN       | Postgraduate | September-December | Open to discussion  | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

## FOOD SCIENCES

| COURSE  | SCHOOL/<br>FACULTY | HOURS     | LANGUAGE         | LEVEL        | PERIOD                           | ON SITE /<br>ONLINE | CONTACT  |
|---|--------------------|-----------|------------------|--------------|----------------------------------|---------------------|--|
| Nutrition (functional foods, impact of processes on the nutritional quality...)   | JUNIA              | 4 to 8h   | English          | Postgraduate | February-March                   | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Nutrition (functional foods, impact of processes on the nutritional quality...)   | JUNIA              | 4 to 8h   | French           | Postgraduate | January                          | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Six Sigma - Process Capability and Process Performance - Statistical Process Control  | JUNIA              | 8h        | French / English | Postgraduate | November - May (to be discussed) | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Packaging (roles, types of packaging materials for food, considerations for use of different packaging materials, environmental issues)             | JUNIA              | 8 to 12h  | French / English | Postgraduate | November - May (to be discussed) | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Industry 4.0 (the digital transformation of the food industry, how are companies doing?, benefits of Industry 4.0, implementation and technologies) | JUNIA              | 8h        | French / English | Postgraduate | November - May (to be discussed) | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| CSR concepts  | JUNIA              | 14 to 18h | English          | Postgraduate | September - December             | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| FSMS focus on IFS, BRC and/or FSSC22000   | JUNIA              | 6 to 12h  | English          | Postgraduate | September - December             | On site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |

# AGRICULTURE & LANDSCAPE

| COURSE  | SCHOOL/<br>FACULTY | HOURS      | LANGUAGE          | LEVEL        | PERIOD                            | ON SITE /<br>ONLINE         | CONTACT  |
|---|--------------------|------------|-------------------|--------------|-----------------------------------|-----------------------------|--|
| Agriculture and Climate Change :<br>adaptation and/or mitigation<br>strategies  | JUNIA              | 4 to 8h    | English           | Postgraduate | February - March                  | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Biocontrol for Sustainable Crop<br>Protection (Beneficial microorganisms<br>used in plant protection ; Plant<br>protection using resistance inducers<br>activating plant immunity against<br>pathogens) | JUNIA              | 8h         | English           | Postgraduate | January                           | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Animal production systems: ovine<br>(sheep) and goat production systems   | JUNIA              | 8h         | English           | Postgraduate | April-May                         | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Animal production systems: bovine<br>(meat) production systems  | JUNIA              | 8h         | English           | Postgraduate | April-May                         | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Feed evaluation systems, roughage<br>production (systems)   | JUNIA              | 8h         | English           | Postgraduate | April-May                         | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Quality Labels and agricultural<br>production   | JUNIA              | 8h         | English           | Postgraduate | October-<br>November              | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Robotics in agriculture: introduction to<br>robotics, role of robotics in agriculture,<br>pros and cons   | JUNIA              | 8h         | English           | Postgraduate | October-<br>November              | Ideally in face-to-<br>face | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Livestock systems in your country   | JUNIA              | 4h to 8h   | english           | Postgraduate | April-May<br>October-<br>November | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Urban farming   | JUNIA              | 8h         | English or French | Postgraduate | October-<br>November              | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Animal health (infectious diseases,<br>locomotor disorders, parasitism,<br>mastitis management)   | JUNIA              | 4 to 12h   | English           | Postgraduate | October-<br>November              | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Animal health (infectious diseases,<br>locomotor disorders, parasitism,<br>mastitis management)   | JUNIA              | 4 to 12h   | French            | Postgraduate | February-March                    | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Agroecology (history, fundamentals,<br>scientific approach and practices)   | JUNIA              | 8h or more | English           | Postgraduate | End of September                  | Ideally on site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Water and irrigation management for<br>agricultural purposes in the context of<br>climate change, conflicts of use  | JUNIA              | 8h or more | English           | Postgraduate | October-<br>November              | Ideally on site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Farm sustainability assessment<br>(methodology/tool and case studies)   | JUNIA              | 8h or more | English           | Postgraduate | October-<br>November              | Ideally on site             | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |
| Marketing in agriculture  | JUNIA              | 8h         | English or French | Postgraduate | September-<br>October             | Open to<br>discussion       | <a href="mailto:international.cooperation@junia.com">international.cooperation@junia.com</a> |



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CS 40109 - 59016 Lille Cedex - France

Tel. +33 (0)3 59 56 69 98

[international@univ-catholille.fr](mailto:international@univ-catholille.fr)

[www.univ-catholille.fr](http://www.univ-catholille.fr)



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