

2021 - 2022

Master of Science

URBAN AGRICULTURE & GREEN CITIES

With the likelihood of cities being denser by 2050, it is essential to adopt a broader view of sustainable food production when it comes to feeding city dwellers. In this context, urban agriculture plays a significant role in designing sustainable and localized food supply chains linking farmers to consumers. Urban agriculture is also becoming a key component of nature in the city as it brings several solutions to contemporary humanity's greatest challenges.

CONTEXT



Marie BEN OTHMEN
PhD in Economics
Associate Professor of
Agricultural Economics
Head of MSc Urban
agriculture and
green cities

The program is designed to arm you with knowledge and skills that will allow you to land your first job successfully. Case studies, projects, and assignments will draw from and directly apply to urban farming and sustainable urban planning. You can choose to specialize in tracks that address contemporary challenges and opportunities in our societies including food security, design with nature, local food supply chain, and ecological restoration in urban environments.

The degree focuses on technical (agronomic, ecological, architecture, and design) aspects as well as socio-economic and institutional challenges related to urban farming and sustainable planning projects. You can choose between research, public, or private company work career. You can also focus on entrepreneurship to cultivate a future business venture.

The MSc faculty and instructors network connects you to business leaders, researchers, and public officers who guest lecture, sponsor internship, funds students projects and recruit graduates.

You will immediately expand your professional network through the MSc Urban agriculture and green cities!



SKILLS

- 01** Gaining the technical skills required to integrate multifunctional and innovative urban farming solutions into urban planning strategies and building standards
- 02** Being able to understand the urban and suburban environmental challenges (problems identification and solution proposal)
- 03** Gaining multidisciplinary teams management skills: leading, coordinating teamwork, and organizational skills



MSc Urban agriculture & green cities

COURSE STRUCTURE

The MSc is taught in English and lasts 18 months. It can also be proposed as a semester of study abroad

First semester: from October 4th 2021 to January 31th, 2022

Second semester: from February 1st to May 24th 2022

Internship period: 5 to 6 months starting from May 24th 2022

SEMESTER 1		SEMESTER 2	
<p>Specific knowledge acquisition (25h, 4 ECTS) General introduction to urban planning at the city and building scales, short lectures and field visits as introduction plant's biology & botany</p>		<p>Smart cities & innovations (75h, 8 ECTS) Technologies for smart cities, energy efficiency ; positive energy building, circular economy (life-cycle performance) ; eco-districts/green building; water shed management, etc.</p>	
<p>Urban ecology (35h, 4 ECTS) Concepts, principles, applications: biodiversity and urban resilience, cities and climate change</p>	<p>Legislation (15h, 2 ECTS) Urban planning law, environmental law</p>	<p>Urban planning & architecture II (35h, 4 ECTS) Green architecture, eco-design, building and planning with biodiversity</p>	<p>Urban food systems (25h, 3 ECTS) Urban food system planning, farm to fork production, consumption: health and nutrition, urban food production and distribution</p>
<p>Urban planning & architecture I (35h, 4 ECTS) Urban planning and innovation, Landscape project in urban, Urban project phases, Ecological urban design, etc design, etc</p>	<p>Geographical information system (35h, 4 ECTS) Data analysis, concepts and techniques</p>	<p>Urban agriculture II (25h, 3 ECTS) Concepts, principles and applications, high tech urban agriculture techniques: aquaponics, hydroponics, etc</p>	<p>Innovation management (20h, 2 ECTS) Approaches & strategies, a journey as an entrepreneur in urban agriculture</p>
<p>Urban agriculture I (25 h, 3 ECTS) Concepts, principles and applications; urban agriculture definitions and functions, urban agriculture and planning, etc</p>	<p>Urban sociology (18h, 2 ECTS) Participative planning, Urban social development</p>	<p>Field experiments II (25h, 3 ECTS)</p>	
<p>Self and group awareness (15h, 2 ECTS) Team building, participative management French as a second language</p>	<p>Field Experiments (25h, 3 ECTS)</p>	<p>Field experiments II (25h, 3 ECTS)</p>	
<p>SEMESTER 1 PRACTICAL ASSIGNMENT I (4 WEEKS, 5 ECTS)</p>		<p>SEMESTER 2 PROFESSIONAL ASSIGNMENT II (4 WEEKS, 5 ECTS)</p>	
<p>INTERNSHIP</p>			

Careers

- Project manager in urban agriculture and plant innovation
- Project manager or consultant in ecological planning
- Research engineer or project manager in eco-innovation and regeneration of urban areas
- Development officer in sustainable urban planning
- Consultant in sustainable development
- Project manager in a local authority, urban planning or environmental department or development agency

Internships and assignments

- Six months internship in a company/ research institute
- Two-four weeks company assignments, supervised by professionals
- Support to find your internship

Credits

The program offers 90 ECTS credits + 2 ECTS (French as a Foreign Language course). Credits are broken down as follows:

- 30 ECTS for the first semester
- 30 ECTS for the second semester
- 30 ECTS for the internship and the Thesis of science

Choose the number of credits required by your home institution (please note that at least 18 ECTS are compulsory). 2 European credits (ECTS) are equivalent to approx. 1 US credit.

TESTIMONIALS



MARTIN, 2017 graduate

"The program lasts for 18 months. Students take a range of varied, complementary courses on urban planning, architecture, ecology, food systems and of course urban agriculture, which give them the skills they need to imagine, remodel and design the cities of the future. Another strength of the program was the opportunity to create and work on several projects during the course."



AUDREY, 2017 graduate

"I enrolled on the Master of Science in Urban Agriculture and Green Cities, a broad, varied program that explores questions which really interest me and which I hope will become the basis for my future career. The strengths of this program are the opportunity to interact with professional stakeholders, specialists and designers in urban innovation, and the chance to go on field trips and complete company assignments."

CHOOSE FRANCE

Discover the French "way of life" and gastronomy. Learn French, the world's most commonly spoken language by 2050 (Natixis 2018).

TRY NORMANDY

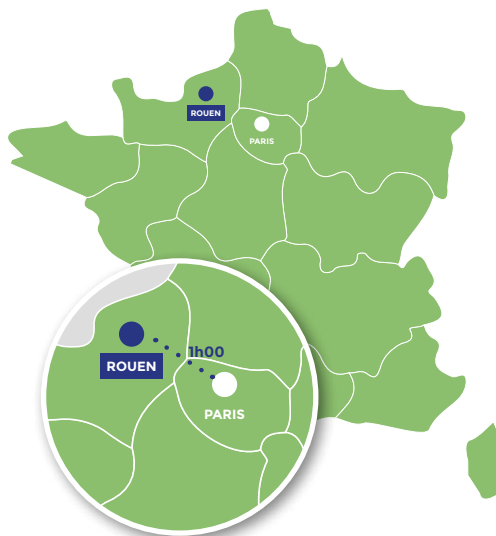
Normandy: Top region to visit (Lonely Planet 2018). Experience the vibrant city of Rouen, a safe city on a human scale with 43,000 Students and 5,000 International Students.

STUDENT LIFE

- Social event organized by French student and the International Department (Gala, Team building day, touristic stay)
- Several student organization on the campus.

HEALTH & WELL-BEING

- Benefit from the excellent and free French healthcare system
- On campus psychological support team
- Disability friendly campus and personalized support
- University hospital within 15'



CONTACTS

Rouen campus

3 rue du Tronquet - CS 40118
76130 Mont-Saint-Aignan

FRANCE

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INTERNATIONAL

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Admission

Future students can come from very different backgrounds such as agronomy, landscaping, architecture, urban planning, geography and biology.

Entry requirements:

- Master's degree (or equivalent) Bachelor's degree (or equivalent)
- Future students can be young graduates or working professionals.
- Admission will be based on your application and an interview online.

Online application :

www.unilasalle.fr
www.international.unilasalle.fr

Start of term

October 4th 2021

Tuition and costs

Registration for the home program (18 months): €8 490

Program also open for Exchange students

Living expenses 2020-2021

- Catering in canteen: €3.25/meal
- Insurance: €200/year
- Campus room: from €235 to €500/year
- Average cost of living: €650/month

Open days

Rouen Campus
December 5, 2020
February 6, 2021
March 6, 2021