

# Spring Semester in Water and Environmental Management

January 17 to May 12, 2017 – All courses are taught in English

Welcome to LaSalle Beauvais-ESITPA, a leading “Grande École”  
in Geosciences and Agriculture



# Objectives



Current water challenges require an interdisciplinary approach. Through practical field work, international perspectives and innovative educational methods, students will better understand the interactions between environmental factors and anthropogenic activities.

## CREDITS

Choose the number of credits required by your home institution from among the 30 ECTS credits offered (at least 18 ECTS are compulsory) + 2 ECTS credits for French as a Foreign Language course.

*Careful: 2 European credits (ECTS credits) are equivalent to approximately 1 US credit.*

## Tuition

- Erasmus+ students (from an Erasmus+ partner university): tuition waived
- Exchange students (from a partner university/with a cooperation agreement): tuition waived
- Other students: €3,500+ €50 (non-refundable application fees) (field trip and campus fee are included to the program charges)

## Fees (2015-2016)

- Residence hall: €483/month for a single room €260 for a shared room
- Campus fees: €100/year (Erasmus+ and exchange students)
- Room insurance: €39/year
- Health insurance (compulsory for non-European students): ≈ €215/year
- Catering: ≈ €3,20/meal (breakfast is free)
- Local transportation bus: €8 (monthly pass)
- Equipment to bring: lab coat, laptop, plug adaptor, fieldwork equipment (plastic boots, outdoor shoes, warm clothes, raincoat)
- 5-day-field trip in April : €300 (exchange or non-exchange student).

## Admission requirements

Life, Agriculture, Geosciences or Environmental sciences: juniors, seniors or Master degree students from an accredited institution.

English: an advanced intermediate level is required: 785 TOEIC, 567 TOEFL paper (or 227 TOEFLcbt, 87 TOEFLibt), 6.5 IELTS.



## Our LaSalle-ESITPA Campus in Beauvais

The scenic 25-acre campus, surrounded by 75 acres of private woodland, is located north of Beauvais. Students enjoy a full range of services: a dining hall, open 7 days a week, residence halls with web access, access to laundry facilities, a gymnasium, and a student center where you will meet the members of the student government and the different student organizations. Modern learning facilities include a library, and 150 computer stations, all open 7 days a week.



# 2017 Water and Environmental Management Program

JANUARY		FEBRUARY		MARCH		APRIL		MAY	
1		1	Water policy and governance 2 ECTS	1	Environmental biogeochemistry 2 ECTS	1		1	Labor Day
2		2		2		2		2	Water quality monitoring 2 ECTS
3		3		3		3	Water quality management across agroecosystems 2 ECTS	3	
4		4		4		4		4	
5		5		5		5		5	
6		6	Watershed hydrology 2 ECTS	6	Soil hydrology 2 ECTS	6		6	
7		7		7		7		7	
8		8		8		8		8	V Day
9		9		9		9		9	Water pollution and remediation 2 ECTS
10		10		10		10		10	
11		11		11		11	Easter holidays	11	
12		12		12		12		12	Checkout day
13		13		13		13		13	
14		14	Winter holidays	14	Hydrogeology 2 ECTS	14		14	
15		15		15		15		15	
16		16		16		16		16	
17	Orientation day	17		17		17	Easter	17	
18	Cross cultural communication 1 ECTS	18		18		18		18	Ecological eng. applied to water management 2 ECTS
19		19		19		19		19	
20		20	Aquatic chemistry 2 ECTS	20	Flow and transport in groundwater 2 ECTS	20		20	
21		21		21		21		21	
22		22		22		22		22	
23		23		23		23		23	
24	Water: current needs and further challenges 2 ECTS	24		24		24		24	
25		25		25		25		25	
26		26		26		26	Field trip 2 ECTS	26	
27		27	Environmental biogeochemistry	27	GIS applied to hydrology 2 ECTS	27		27	
28		28		28		28		28	
29		29		29		29		29	
30	Water policy and governance	30		30		30		30	
31		31		31		31		31	

WE National Holiday  
Classes

International seminars (6 sessions throughout the semester - 1 ECTS)  
2 hours per week of French as a Foreign Language courses (2 ECTS)  
Exams are usually scheduled the end of the following week

## Research interactions in the Program

The associate professors involved in the program belong to the HydrISE research group (Hydro-geochemistry and Soil-Environment Interactions). HydrISE is a multidisciplinary research group that gathers members from geochemistry, hydrogeology, hydrology, soil sciences, ecology and chemistry.

Our research focusses on the ecodynamics of either groundwater or surface water elements. Specifically, we look at how these water elements are influenced by biogeochemical interactions between rock, soil and plants. These studies will contribute to a better understanding of soil/water pollution as well as its remediation.

HydrISE research group has access to Geosciences facilities (ICP-MS, XRD, SEM) and to newly developed Hydrogeology facilities (diagraphy, geophysics, monitoring wells). Students attending the program will have access to these facilities.



## Study in France

The “Grandes Ecoles” are unique to France. They were created in the late 18th century in order to offer outstanding education to the country’s future engineers. LaSalle Beauvais-ESITPA belongs to this tradition. This Spring program crosses our historical B.S./M.S. degrees in Agriculture and in Geology. Foreign students will benefit of our links with partners universities and with invited speakers from public and private sectors. The proximity with Paris provides a prime example of large urban areas that demand increasing amounts of drinking water quality to sustain their growing population. This constitutes an accurate opportunity to study future water challenges and find new way to manage them.

## Discover France while earning college credits



### Admissions

- **Deadline for sending application: October 15, 2016**
- **Application forms are available on our website: [www.lasalle-beauvais.fr/](http://www.lasalle-beauvais.fr/)**  
-Study-at-LaSalle-Beauvais-
- **Contact:**  
[incoming@lasalle-beauvais.fr](mailto:incoming@lasalle-beauvais.fr)

### International relations

**Institut Polytechnique LaSalle Beauvais-ESITPA**  
19, rue Pierre Waguet  
BP 30313  
60026 Beauvais Cedex  
France

### We are already looking forward to welcoming you on our campus!

Beauvais is located in northern France, 50 miles to the north of Paris. Trains to Paris depart every hour. Beauvais is an ideal base for exploring Europe. From Paris Beauvais international airport (5 minutes from LaSalle campus), low cost companies offer regular flights to exciting destinations such as: Italy (Rome, Milan, Venice, Pisa), Spain (Barcelona, Madrid), Great Britain (Manchester), Ireland (Dublin), Sweden (Stockholm), Norway (Oslo), Portugal (Porto), Romania (Bucharest), Poland (Warsaw), or Czech Republic (Prague)...

