

LaSalle★

Beauvais • Institut Polytechnique

Sciences de la Terre, du Vivant et de l'Environnement

Learn about life on earth – on the grand scale.

B.S./M.S. program* in Geological and Environmental Engineering

Planning | Materials | Energy | Risks | Water | Soil remediation

* taught in French

2014 - 2015

www.lasalle-beauvais.fr

Unlock your full potential.

Why should you become a geological engineer?

You have a natural flair for geology. With field experience starting your first year, you will be trained to solve specific soil and subsoil issues in France and internationally. What sets us apart?

A teaching approach where learning does not systematically start with theory. You will learn to use observations to draw conclusions from your experiences, research and field work. With the help of our team of research lecturers and professionals, you will learn how to react to and resolve issues for businesses that work in sectors focusing on raw materials, renewable and fossil fuels, land planning or the environment.

Hervé Leyrit,
Head of the geological engineering program



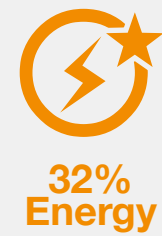
Nicolas Pelissier,
Class of 2007
Head of Operations Geology -
TOTAL Angola

"I remember the close relationships between students and professors. LaSalle is even bigger now than when I was on campus, but even now you can still see the strong ties between staff and students - it's amazing and I think it really shows the strength of the program."



86%

of LaSalle Beauvais graduates are employed within 1 year of graduation.
(CGE surveys 2012, 2013, 2014)



32% Energy



31% Building and civil engineering

22% Environment



10% Mineral resources

Other: 5%

Recruiting sectors

(CGE survey 2014)

Less than

3 months

That's the average time it takes graduates to find their first job.

(CGE surveys 2012, 2013, 2014)



Marie Targosz,
Class of 2012
Research engineer - EGIS

"I've been interested in construction since I was a little girl. I was hired after the internship I did during my fifth year and today I work in a research center on several infrastructure and transportation projects (highways, tunnels, etc.)."



108

partner universities located in 38 countries around the world.



Audrey Picard,
Class of 2014
Semester abroad -
WESTERN UNIVERSITY, Canada

"Thanks to the LaSalle Beauvais international network, I was able to study abroad in Canada during my first and fourth years and in Columbia during my third year. I feel that these experiences give me a real advantage in the professional world."

Program for 2014/2015

B.S./M.S. program in Geological Engineering

We are proud of our multidimensional approach to geology. Our first year courses integrate industrial, economic and professional challenges.



We enjoy the loyal support of numerous businesses and our network of alumni from all specializations. This gives us fast and direct access to the best internships and career opportunities.

« In your first two years, you will look at geosciences from a fundamental standpoint (mathematics, physics, chemistry, biology, geology, etc.). This knowledge will enable you to describe, measure and understand the origin of natural phenomena. »

« In your third year, you will go a step further by applying your scientific and technical knowledge to a research project. You will learn how to solve applied geoscience problems independently or as part of a team. »

« In your last two years, you will perfect your knowledge of geosciences as well as your knowledge of how businesses operate and their economic context to become an expert engineer able to manage projects that require you to combine modeling, innovation, making decisions and taking action. »



For more information on our programs

www.lasalle-beauvais.fr

Each academic year corresponds to 60 ECTS (European Credit Transfer System) credits

Refresher courses for transfer students

Field school - 5 months in 5 years (minimum)

1 > 2 > 3 > 4 > 5

Geosciences

Fundamental geosciences

Topics: Materials (mineralogy, petrology, etc.) / Natural systems (cartography, etc.) / Time (paleontology) / History of the earth (basic geology, etc.) / Space (photo-interpretation, etc.) / Movement (plate tectonics, etc.)

Tools: Mathematics (geometry, statistics, etc.) / Physical chemistry (thermodynamics, etc.) / IT (databases, etc.)

Languages

2 compulsory foreign languages including English

1 month linguistic study

10 weeks of field work

Magmatics (Brittany/Normandy) / Subalpine

Engineering within a business

Self-awareness / Information and communication technologies / Sustainable development / Economics / Financial management

Applied geosciences

Geomatics / Geostatistics / Geomechanics / Geophysics / Geochemistry / Petrophysics / Hydrogeology / Reservoirs / Geological synthesis / Marine geology

Specializations offered

Mines and quarries

Petroleum geology

Geotechnics and natural risks

Hydrogeology and industrial risks

International outlook

English for geosciences and English for business

At least 14 weeks of studies or internships abroad (mandatory).

3 months of initiation to research

Go abroad!

Outlining a research topic
Bibliography. Data collection in the field and in the lab. Interpretation and synthesis. Scientific communications.

9 to 12 months of internships

Go abroad!

3 months as an assistant geologist.
6-month internship and final dissertation
An additional two months of professional or internship experience is possible

Corporate sciences

Economics and sustainable development / Business security and legislation / Economics / Financial management / Human resources / Management / Project management / Quality / Business forums / Conferences / Career plan / Individual and collective responsibilities / Ethics

1/4 of students receive financial aid

Tuition fees will vary according to your status (free mover or exchange student) and any specific mobility agreements between LaSalle and your home institution. For more information, please contact the INTERNATIONAL RELATIONS OFFICE: incoming@lasalle-beauvais.fr

Diplôme habilité par Cti

EUROPEAN CREDIT TRANSFER SYSTEM

All students are welcome

More than just a school, LaSalle Beauvais is a community that really captures the spirit of "togetherness". Here, students work together to organize activities and events, engage in open exchange and generally help each other out. It is a place that breeds creativity and a respect for individuality.

In keeping with the teachings of LaSalle, we work to encourage selflessness, independence and a sense of responsibility in our students by granting each and every one of them our unwavering vote of confidence. We are supportive of our students' diverse needs, which is why our campus is fully equipped for students with disability. Because at LaSalle Beauvais, all students are welcome. Day after day, we work together to build the sense of attachment and pride that our establishment is known for. We are all "Proud of LaSalle"!

Jérôme Colin,
Head of Educational Mission and Student Life

Admission requirements

Places available

Admission process

Admission deadlines

1ST year	French baccalauréat (streams S, STI2D, STL or STAV), scientific refresher course or equivalent Candidates may apply up to two years after passing their baccalauréat	90	www.admission-postbac.fr 1/ Application-based preselection 2/ Interview (mid-April) 3/ FESIC* exams (May 16, 2015) <small>* except for candidates who earned a baccalauréat STI2D, STL, STAV or a baccalauréat S with a <i>mention bien</i> (with high honors) or a <i>mention très bien</i> (with highest honors)</small>	January 20, 2015 through March 20, 2015
2ND year	L1 STU/STE, BCPST1, BTS + DUT1 with an emphasis in science or equivalent	10	1/ Application-based preselection 2/ Interview (mid-June 2015) Application available at www.lasalle-beauvais.fr or at +33 (0)3 44 06 76 02	Completed applications due May 26, 2015
3RD year	Prépa MP, PC, PSI or equivalent BTS (geology), Licence 2/3 (STU), BCPST2, Prépa PT or equivalent	14 10	FESIC competitive exam preparation at www.fesic.org 1/ Application-based preselection 2/ Interview (mid-June 2015) Application available at www.lasalle-beauvais.fr or at +33 (0)3 44 06 76 02	December 10, 2014 through January 10, 2015 Completed applications due May 26, 2015
4TH year	Master 1 (earth science) Master of Science	5	1/ Application-based preselection 2/ Interview (mid-June 2015) Application available at www.lasalle-beauvais.fr or at +33 (0)3 44 06 76 02	Completed applications due May 26, 2015



For more information

Consult our website:

www.lasalle-beauvais.fr/-Study-at-LaSalle-Beauvais

E-mail the INTERNATIONAL RELATIONS OFFICE:

Incoming@lasalle-beauvais.fr



Specific course options available for students in an apprenticeship program.



Training committed engineers for the past 160 years.



★ Unlock your full potential.



Take a video tour of the school



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