

heig-vd

SCHOOL OF MANAGEMENT AND ENGINEERING VAUD

www.heig-vd.ch



Hes·SO

Haute Ecole Spécialisée
de Suisse occidentale

Fachhochschule Westschweiz

University of Applied Sciences and Arts
Western Switzerland



THE CAMPUS

THE SCHOOL OF MANAGEMENT AND ENGINEERING VAUD

The School of Management and Engineering Vaud, in French *Haute Ecole d'Ingénierie et de Gestion du Canton de Vaud (HEIG-VD)* is one of several schools within the University of Applied Sciences of Western Switzerland, in French *Haute Ecole Spécialisée de Suisse Occidentale (HES-SO)*.

YVERDON-LES-BAINS, SWITZERLAND

The HEIG-VD is located in the French-speaking part of Switzerland, close to the Olympic city of Lausanne and 120 kilometres from the banking centre of Geneva, also home to the United Nations. Within this particularly dynamic economic region, Yverdon-les-Bains is a growing business centre and site of technological innovations. The Canton of Vaud is known for its high level of tertiary education, with notable links to business and industry. Yverdon-les-Bains is also culturally and historically rich, as well as being famous for its thermal baths.

EURO-COMPATIBLE PROGRAMMES

To participate in the European training space, Switzerland has implemented the Bologna Declaration. This reform makes the HEIG-VD programmes Euro-compatible and facilitates students' mobility.

HEIG-VD INTERNATIONAL

INTERNATIONAL MOBILITY

Switzerland has long-standing expertise in international trade, humanitarian missions and communication across cultures and languages. We strongly believe that an understanding of cultures other than our own is an crucial part of today's education and reality in an increasingly interdependent global society.

The HEIG-VD therefore offers study-abroad programmes as part of the curriculum and welcomes a number of international students every year for regular classes (in French) or projects. Numerous partnerships with higher education institutions abroad provide the basis for international research projects, as well as a continuing and dynamic exchange of ideas on an academic level.

SUMMER UNIVERSITY PROGRAMMES

In partnership with the Canton of Vaud, the HEIG-VD organizes summer programmes in four countries: USA, India, Singapore and China. These programmes bring together students, professors, and teaching staff to work on specific topics. The partner universities alternate as the host campus.

INTERACTION BETWEEN BUSINESS AND ENGINEERING

Thanks to the proximity of the business and engineering campuses, fruitful synergies between the two disciplines include common courses, bringing together students from Engineering and Business, and joint projects with participants at both Bachelor and Master levels.



STUDIES AT HEIG-VD

BACHELOR AND MASTER PROGRAMMES

The HEIG-VD offers Bachelor of Science and Master of Science programmes, the latter under the aegis of the University of Applied Sciences of Western Switzerland. The Bachelor studies (180 ECTS credits) lead to a BSc in Business Administration or Engineering. These programmes can be followed either full-time over 6 semesters, or part-time over 8 semesters. The Master studies (90 additional ECTS credits) allow students to deepen and broaden their knowledge and skills, with particular focus on the management of complex and multidisciplinary projects.

With its 2000 students, the HEIG-VD is the largest school partner of the HES-SO (University of Applied Sciences, Western Switzerland). The campus of the HEIG-VD is based in Yverdon-les-Bains and is perfectly integrated into the economic environment.

The HEIG-VD offers 10 Bachelor of Science programmes:

Business Administration	● ⊙	Electrical Engineering	
-----		Electronics and Automation	●
Geomatics		Embedded Electronics and Mecatronics	●
Geomatics and Landmanagement	● ⊙	Energy Systems	● ⊙
Construction and Infrastructures	● ⊙	-----	
Environmental Technology	●	Microengineering	
-----		<i>Mecatronics</i> [option]	● ⊙
Computer Science & Engineering		-----	
Software Engineering	● ⊙	Systems Engineering	
Embedded Computing	● ⊙	Mechanical Design	● ⊙
Embedded Systems	⊙	Engineering	●
-----		-----	
Telecommunications		Engineering and Management	●
Computer Network	● ⊙	-----	
Information Security	●	Media Engineering	
-----		Print and Interactive Media	
Energy and Environmental Engineering		Management	●
Building Energy Efficiency	●	IT Management	●
Industrial Thermal Engineering	●	-----	
Thermotronics	●		

Full-time studies ●
Part-time studies ⊙

www.heig-vd.ch/formations/bachelor

In conjunction with the HES-SO the following Master of Science programmes are offered:

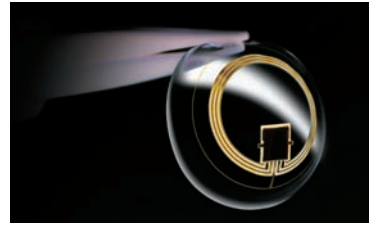
Master of Science HES-SO in Business Administration

Master of Science HES-SO in Engineering

Master of Science HES-SO en Ingénierie du territoire

Master of Science HES-SO Integrated Innovation for Product and Business





PROXIMITY TO BUSINESS AND INDUSTRY

SCIENTIFIC STUDIES WITH PRACTICAL APPLICATIONS

At the HEIG-VD, theoretical knowledge is continuously linked with practical application.

The teaching provided by professors with considerable experience in business and industry encourages students to adopt a practical approach. Students gradually build up their knowledge in engineering or business administration.

When they graduate, they are ready to create, conceive, innovate, control, frame or even found their own companies.

A RECOGNIZED PROXIMITY WITH THE ECONOMY

In the spirit of Universities of Applied Sciences policy, the HEIG-VD considers the transfer of knowledge to the economic environment to be particularly important.

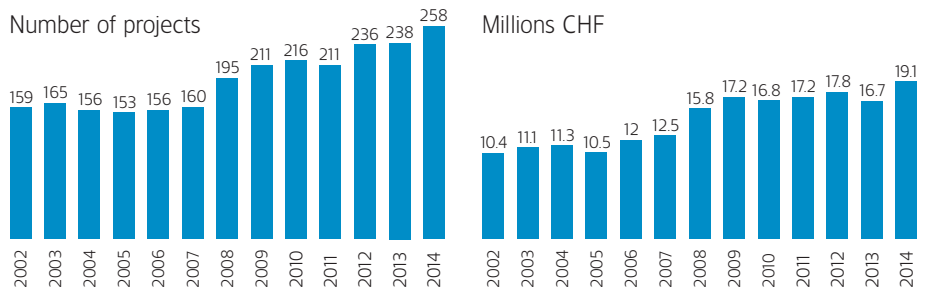
The HEIG-VD Research Institutes are actively involved in the economy and industry through new product development, innovative solutions and management practices.

The students are associated in this research through their practical diploma projects. Topics for the projects are mostly proposed by companies giving students even more experience for their future professional lives.

APPLIED RESEARCH AND DEVELOPMENT

More than 400 research projects are carried out each year within the 13 institutes and groups of the HEIG-VD. Almost 300 professors, lecturers, engineers, and business professionals are involved in these activities. Information on the different institutes is available in English at: <http://www.heig-vd.ch/rad/instituts/>.

FINANCIAL VOLUME



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For further information:
www.heig-vd.ch/international

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