Postgraduate Degree in ICT Audit & Security

Is your IT really under control?
Advanced skills development for:

- Information Security Professionals
- ICT Management Consultants
- Information Technology Auditors
- ICT Professionals
- Legal IT Experts
- Executives involved with the IT process

Tuition and exam preparation for:

- Certified Information Systems Auditor (CISA)
- Certified Information Systems Security Professional (CISSP)
- Certified Information Security Manager (CISM)
- ITIL (IT Implementation Library),

The ICT Audit and Security course;
- has been developed in line with Information Systems Audit & Control Association (ISACA.org) guidelines and those of the IT Governance Institute (ITGI.org);
- uses the Governance, Control and Audit of Information and other related technologies (COBIT).
Year 1 focuses on ICT audit and governance practice. General audit techniques will cover the 34 sub-processes of information technology environments.

A1. Information Systems Management and IT Governance:
   Practical review of IT management principles.

A2. Fundamentals of Internal Audit:
   Basics of standards and practices in internal audits, based on Institute of Internal Auditors (IIA) guidelines.

A3. IT Control & Audit
   Practical use of COBIT.
   Review of management needs; structure of IT processes; practical IT audit exercises and case studies.

A4. IT Forensics and IT Law:
   Overview of e-business and IT-related law, IT forensic practices and tools.

A5. Application Review and Data Analysis [Workshop]:
   ERP implementation review, application controls and data audit.

A6. Audit of New Technologies [Workshop]:
   Projects to develop specific risk assessments and audit programmes in selected environments.

A7. Service management:
   ITIL essentials: a practical workshop based on the de-facto standard ITIL (IT Infrastructure Library).
Year 2 focuses on information security, professional certification and skills, and managerial and technical aspects.

**FIRST QUARTER**


**SECOND QUARTER**

B3. E-business Management and Audit [Case Studies]: Common e-business strategies and audit and control principles and practices, reviewed by industry specialists.


B5. Interpersonal Skills: Communication, negotiation, presentation and selling skills

**THIRD QUARTER**

B6. CISA Review sessions [preparation for CISA]: Practical cases for those preparing international IT audit certification.

B7. Thesis
"An invaluable postgraduate degree in ICT Security. The quality of the course, reinforced by the excellent input from both academics and speakers from industry, represented quality time for me, spent in extending my current knowledge and understanding. It also provided me with a unique opportunity to work with other participants to find solutions to common problems in this rapidly developing field. The range of topics covered in a central location provided informative sessions that enable you to keep pace with the industry."

- Eric SAILLIEZ, S.W.I.F.T.
2004 Cycle participant

"Most of the sessions take place in the form of short seminars chaired by professionals, each with a great deal of experience in the different subjects covered. Participants are professionals too with experience from across a variety of sectors and activities. The course thus enables participants to benefit from wide-ranging exchanges about best practices, practical difficulties and future developments. This postgraduate degree also provides structured information on both theory and practice and encourages discussion of solution-oriented ideas that are rarely encountered in other training sessions."

- Marie-Jeanne TOUSSAINT, Solvay S.A.
2003/2004 Cycle participant

"The ICT Audit & Security postgraduate degree provided me with very practical knowledge about IT auditing. Thanks to this two-year programme, I can now bring real added value to my financial and operational audits by integrating related IT risks in the audit programme. I have no doubt that this course is a key element for those wishing to pass the CISA exam."

- Christophe LEEMPOELS, Euronext
2003/2004 Cycle participant

"Participation in this course has helped me to pass both my CISSP and CISM certification exams and it has provided me with an introduction to IT governance. It has been pivotal to my career development. I was surprised both by the quality of the course and the motivation provided during the course."

- Didier BARZIN, SkillTeam
2003/2004 Cycle participant

"Participation in this course has helped me to pass both my CISSP and CISM certification exams and it has provided me with an introduction to IT governance. It has been pivotal to my career development. I was surprised both by the quality of the course and the motivation provided during the course."

- Didier BARZIN, SkillTeam
2003/2004 Cycle participant

"The ICT Audit & Security programme helped me to progress in my organisation from a purely operational and technical position to a more strategic one. I am pretty sure that, had I not followed this programme, I would never have been able to make this important career move."

- Frédéric LEMOINE, Manpower Inc.
2003/2004 Cycle participant
The ICT Audit & Security course at a glance:

**Modular**
Participants can register for the entire programme, for the first year only, or the second year only.

**Faculty**
- Academic lecturers
- Belgian and international experts in ICT management, security and audit

**Action learning**
Interactive learning; links to effective business requirements; regular use of research and standards supported by international research organisations; practical workshops and case studies; high-level discussion of real-life situations with peers and lecturers.

**Teaching language**
Mainly English

**Programme Timing**
The course takes place on Tuesday and Thursday evenings (18.15 to 21.30) in Brussels. Courses are not held during the summer.

**Program Fee**
Fee information can be found on www.solvay.edu/ict

**Application**
To receive an application form, please complete the attached form and fax it to us at: +32(0)2.650.4153. The application form is also available online at: www.solvay.edu/ict.
In order to guarantee the highest quality of learning, the number of participants is strictly limited.

**Information Session**
Details about information sessions are published on www.solvay.edu/ict. You can also request further information from Elena Tegovska (see below).

**Contact**
Elena TEGOVSKA
Programme coordinator
Solvay Executive Education
Av. F. Roosevelt, 19 - B - 1050 Brussels
Tel.: 02.650.31.99 - Fax: 02.650.41.53
E-mail: etegovsk@ulb.ac.be
Website: www.solvay.edu/ict

---

**Postgraduate Degree in ICT Audit & Security**

Université Libre de Bruxelles
Av. F. D. Roosevelt, 19
B-1050 Bruxelles

Tel: +32 (2) 650 31 99
Fax: +32 (2) 650 41 53
E-mail: etegovsk@ulb.ac.be
www.solvay.edu/ict