febelfin academy

ABBL

Higher Education

# Qualified Cybersecurity Professional in Finance

Solvay Lifelong Learning
BRUSSELS SCHOOL. ECONOMICS. MANAGEMENT

HOUSE OF TRAINING
The Future is Made of Skills

# About the Programme

Our academic programme “Qualified Cybersecurity Professional in Finance” is your gateway to mastering the intricate and critical domain where finance and technology intersect. In an era where financial institutions are prime targets for cyber threats, this specialised training is designed to empower professionals with the skills necessary to protect and secure the financial landscape.

In this unique collaboration, House of Training, ABBL and Febelfin Academy partners with Solvay Lifelong Learning to deliver a programme tailored to the specific challenges and intricacies of cybersecurity in finance.

The course brings together the regulatory insights and industry specific expertise of ABBL and Febelfin Academy with Solvay’s cutting-edge academic approach, ensuring participants gain a comprehensive understanding of cybersecurity in the financial domain.

## Programme Objectives

- Provide participants with the essential skills and knowledge required to navigate the complex landscape of cybersecurity within the financial sector
- Tackle specific challenges faced by financial institutions, focusing on risk management, compliance strategies, and the protection of sensitive financial data
- Foster an understanding of regulatory frameworks governing cybersecurity in finance, ensuring participants can align security measures with industry standards
- Empower participants to analyse and respond to emerging cyber threats, incorporating threat intelligence into their cybersecurity strategies
- Cultivate leaders in the field by fostering a strategic understanding of cybersecurity, enabling participants to proactively safeguard financial systems and contribute to the industry’s resilience

## Who Should Attend

The training course accommodates a diverse range of participants, catering to specific needs and roles within various industries. The course can be followed by various target groups:

- Finance professionals: already engaged in the finance sector, including financial analysts, managers, and executives, seeking to enhance their understanding of cybersecurity specific to financial environments
- Process & Business analysts
- Business managers in insurance companies or financial institutions
- Product managers
- Risk Managers
- Compliance Officers
- FinTech Professionals

# Why Choose This Programme?

## Built for Finance Professionals

Content tailored to the specific risks, controls and regulations of financial institutions.

## Strong Partnership

Co-designed by House of Training, ABBL and Febelfin Academy with Solvay Lifelong Learning for academic depth and market relevance.

## Expert-Led Learning

Directed by recognised cybersecurity experts and guest speakers from major banks and companies in Luxembourg.

## Comprehensive Curriculum

Covers foundational cybersecurity principles, threat and vulnerability management, incident response, governance & leadership, all tailored to finance.

## At a Glance

- **Next intake:** 4 February 2027
- **Duration:** 28 contact hours
- **Format:** Daytime classes
- **Delivery Mode:** In-person, Luxembourg (House of Training, Kirchberg)
- **Language:** English
- **Tuition Fees:** €3,680

**Exam:**

The knowledge acquired in the seminar will be validated through an examination. The examination is based on a MCQ questionnaire of around 30 questions. The required passing rate is 60%.

**Certificate:**

Candidates who successfully complete the examination will receive the following certificate of completion co-signed by the ABBL, Febelfin Academy, Solvay Lifelong Learning and House of Training: “Qualified Cybersecurity Professional in Finance”

# Programme

The body of knowledge is aligned with the Executive Master in Cybersecurity management lectured at Solvay Lifelong Learning (solvay.edu/cybersecurity). It is based on material compiled by Professor Georges Ataya, as well as on general publications related to cybersecurity.

High-profile guest speakers from Luxembourg's financial industry, including senior security officers from major banks and firms, will share their expertise and real-world insights. Their contributions enrich the Qualified Cybersecurity Professional in Finance programme, providing participants with a deep understanding of both theory and practice across four structured modules.

## Lead speakers

**Pr. Georges Ataya**
Academic Director Digital Governance and Trust, Solvay Brussels School of Economics and Management

Pr. Georges Ataya has over 20 years of experience in education and training, particularly as the founder and Academic Director of the Digital Transformation, Governance and Trust program at Solvay Brussels School. He founded ICT Control in 1999 and has held various leadership roles in IT governance, cybersecurity, and data protection, including past International Vice President of ISACA.

**Steve Purser**
Independent Cybersecurity Consultant - CSPRO Services

Independent consultant with over 25 years' experience, specialising in strategic, regulatory, and technical aspects of cybersecurity. Former Head of Operations for the EU Cybersecurity Agency (ENISA) and CISO of several financial institutions. Member of several industry boards.

"I help organisations to adopt practical and cost-effective approaches to cybersecurity."

# Module 1

## Introduction to Cybersecurity Fundamentals

1 day | 7h classroom

**Objective**

This module aims to equip participants with a comprehensive understanding of cybersecurity principles, covering fundamentals, governance, risk, and compliance. It focuses on confidentiality, integrity, and authentication processes, emphasizing the protection of sensitive information and adherence to predefined policies. The curriculum includes in-depth risk management practices, guiding participants in identifying and mitigating cybersecurity risks effectively. Additionally, it addresses compliance and legislation, stressing the importance of adhering to industry standards. By the module's conclusion, participants will have a solid foundation to explore and specialize in cybersecurity confidently.

# Module 2

## Cybersecurity Battleground: Threats, Vulnerabilities and Technologies

1 day | 7h classroom

**Objective**

In this module we will comprehensively address cybersecurity management by integrating key capacities such as Identification, Protection, Detection, Response, and Recovery techniques. The curriculum presents current threats, vulnerabilities, security controls, and technologies, offering insights into the threat landscape.

It emphasizes the connection between cybersecurity and information security practices, aligning frameworks with business needs and risks. The course delves into existing frameworks, risk analysis, management buy-in, solution search, alignment with risk appetite, implementation, and follow-up.

Decision-making tools for adverse conditions and seemingly hostile environments are provided to participants. Additionally, a specific financial sector workshop is included, focusing on the identification of threats and vulnerabilities related to business functions, risk practices, and the determination of a robust mitigation model.

# Module 3

## Incident Response by Security Controls and Operations

1 day | 7h classroom

**Objective**

This module covers context analysis, scope definition, threat modelling, security controls, and solution space identification. Emphasizing a holistic approach, it explores trade-offs from technological, human, and procedural perspectives. The significance of kill-chain analysis in threat modelling is highlighted for focus, cohesion, and business case development. Operational planning tools and frameworks introduce defence theory, mental models for understanding adversaries, telemetry, attack detection, incident response, crisis communication, and continuous improvement assessment tools. In summary, the module provides a comprehensive guide to navigating security controls and incident response in operations.

# Module 4

## Cybersecurity - Governance Management - Leadership

1 day | 7h classroom

**Objective**

During this course, we will provide you with a thorough understanding of cybersecurity management, focusing on roles and responsibilities in crafting and executing a robust strategy. It emphasizes aligning strategic components with organizational goals and adapting to evolving threats, covering vital areas like supply chain considerations, the three lines of defence, and the seven components of maturity.

The module explores effective governance practices, including frameworks and policies, fostering a well-structured and accountable governance framework. Communication is highlighted as crucial for successful cybersecurity governance, empowering participants to convey policies, incidents, and strategies to diverse stakeholders, promoting cybersecurity awareness. Ultimately, participants gain the knowledge and skills needed to develop a comprehensive cybersecurity strategy, implement effective governance, and enhance communication within their organizations.

# Tailor-made programmes for your company

If your company or your employees have specific needs or expectations related to your activity, we are at your disposal to design, in collaboration with our academic partners, a tailor-made Higher Education solution.

Whether delivered within your company or at our training center, we shape a flexible and personalised learning experience, perfectly adapted to the realities of Luxembourg-based companies and their employees.

highereducation@houseoftraining.lu

# About Us

Solvay Lifelong Learning
BRUSSELS SCHOOL. ECONOMICS. MANAGEMENT

Solvay Brussels School of Economics & Management is a Faculty of the Université libre de Bruxelles. It currently holds a leading position in Europe for research and education in the fields of Economics and Management.

Operating within the faculty, Solvay Lifelong Learning (SLL) is the best-known and trusted executive education business school in Belgium on a mission to train business leaders and entrepreneurs with the ability to adapt to the ever-changing nature of society and to shape tomorrow's world.

Solvay develop lifelong learning and executive education programmes addressing both young professionals as well as experienced managers and entrepreneurs committed to the logic of personal and sustainable development.

Executive education in Cybersecurity Management has been delivered since 2003 at SLL, producing generations of professionals in Digital Governance and Trust.

**100+**
**Core-faculty**

**3 000+**
**Participants**

**35 000+**
**Alumni**

**38%**
**of the participants are C-level executives**

HOUSE OF
**TRAINING**

Created in 2015 by the Chamber of Commerce and the Luxembourg Bankers' Association (ABBL), House of Training is an accredited continuing vocational training organisation, active in many areas and sectors of activity.

**1 450+**
**trainings**

**60**
**partners**

**800+**
**Expert Trainers**

**13**
**academic programmes**

The ABBL (Luxembourg Banking Association) is the largest professional association in the financial sector, representing the majority of financial institutions as well as regulated financial intermediaries and other professionals in Luxembourg, including law firms, consultancies, auditors, market infrastructures, e-money and payment institutions.

This broad representation makes the ABBL a true reflection of the diversity of the Luxembourg financial centre and places it in a unique position to act as the collective voice of the sector at both national and international levels. The association provides its members with the intelligence, resources, and services necessary to operate effectively in a dynamic financial market and within an increasingly complex regulatory environment.

Febelfin Academy is the training institute for the Belgian financial sector, offering courses and certification programmes to support the professional development of individuals and organisations. It provides a hybrid learning approach that combines classroom training, e-learning, and digital tools, with content developed in collaboration with industry experts and regulators. The academy focuses on staying current with financial transformations, covering topics from banking and insurance to new areas like AI, sustainability, and digital transformation.

# Apply & Contact

Registration for the training modules and/or exams is to be made online via our website at least 5 days before the beginning of the training course/exam.

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# Notes

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