Instituto Politécnico
de Viana do Castelo

Østfold University College
Department of Computer Science and Communication

Agreement governing a double degree program

between
Department of Electrical and Computer Engineering at Polytechnic University of Viana do Castelo (IPVC)

and

Department of Computer Science and Communication at Østfold University College (HiØ)

concerning the
Master's degree in Cybersecurity, at Polytechnic University of Viana do Castelo

and the
Master's degree in Applied Computer Science, at Østfold University College

For the purpose of developing further international study opportunities for students at the Department of Electrical and Computer Engineering at Polytechnic University of Viana do Castelo (hereafter, IPVC) and Department of Computer Science and Communication at Østfold University College (hereafter, HiØ) and to consolidate international relations between the two institutions, the IPVC and HiØ have opted to enter into this agreement to establish a double degree program as outlined below:

- Students admitted to the master's degree in Cybersecurity at IPVC may be selected by IPVC for admission to the master's degree in Applied Computer Science at HiØ.
- Students admitted to the master's degree in Applied Computer Science at HiØ may be selected by the HiØ for admission to the master's degree in Cybersecurity at IPVC.

The IPVC and HiØ agree that a maximum of 5 students per academic year may be admitted to each host institution.

1. Objectives
Within this agreement, "home institution" means the institution to which the students are formally admitted as ordinary students. "Host institution" means the institution is prepared to accept students from the home institution for a certain part of the degree program.

This agreement enables students of the IPVC and HiØ to be awarded the academic degrees of both home and host institutions, through award certificates once the requirements set out below have been met.

2. Candidate students for the double degree program

Candidate students for the double degree program are nominated and subject to a selection procedure by the home institution. In the nomination and selection procedure, the home institution respects the admission requirements set by the host institution.

For the students of IPVC, the application deadline for a Fall Semester start is the 31th of May.
For the students of HIØ, the application deadline for a Spring semester start is the 1st of October.

The final Learning Agreement must be submitted before the above-mentioned dates, and it must be submitted for approval to the relevant program coordinator.

In case admitted, the candidate students for the double degree program are subject to the usual rules, legislations, and requirements of the host institution. They are admitted to the host institution only for those parts of the degree program that are carried out under the responsibility of the host institution. They are granted all the facilities that candidates are entitled to within the context of "mobility programs". In accordance with the principles of reciprocity, they are exempted from paying tuition fees for the parts of the program carried out at the host institution.

3. Examinations

The examination regulations of the respective institution must be observed. The delivery of examinations at the HiØ is governed by the regulations defined in Regulations on examinations, study rights and degrees at Østfold University College; the delivery of examinations at IPVC is governed by the regulations defined in Regulatory Standards for Study Cycles Leading to a Master's Degree at IPVC.

4. Conditions for obtaining the respective degree

The respective degree is awarded on the basis of similar degree programs, which include one of the following two options:
1) at least 60 ECTS credits in courses earned at the host institution
2) at least a 60 ECTS master's thesis at the host institution

The academic degree of the IPVC is the Master's in Cybersecurity, and the academic degree of HiØ is the Master's in Applied Computer Science.

For the purpose of international mobility, an appendix to the degree (the Diploma Supplement) is issued in conjunction with the scroll of the double degree in accordance with either Art. IX.3 of the Lisbon Recognition Convention of 11 April 1997 or the model of the European Commission, the Council of Europe, and UNESCO/CEPES.

5. Program Coordination

Each institution shall nominate a coordinator to ensure that the double degree program follows an appropriate procedure and that the terms of this agreement are complied with. Each institution may appoint a representative or a replacement for the coordinator. The coordinators shall ensure that the partner institution has at its disposal all the information necessary to run the program.

- Program coordinator at the IPVC for the Master in Cybersecurity: Silvestre Malta – smalta@estg.ipvc.pt
- Program coordinator at HiØ for the Master in Applied Computer Science: Monica Kristiansen Holone (monica.kristiansen@hiof.no)

6. Duration, amendments, review, and termination of the agreement

This agreement enters into force in the fall semester 2024 and is binding on the contracting parties for a period of 10 years. It may be revised, amended, or renewed by means of a corresponding written agreement.

This agreement may be terminated at the request of either institution if such a request is provided in writing at least 12 months before the intended termination takes effect. Any termination of the agreement must take into account the fact that students who are already participating in an exchange or have been selected for an exchange have the right to complete those parts of the degree program which are carried out under the responsibility of the host institution.

An evaluation of this agreement shall be initiated by both institutions no later than 12 months before it ceases in force to determine if the program should be continued and, if so, how it should be improved.

IN WITNESS WHEREOF, this agreement has been entered into by the governing bodies of the two institutions empowered to do so.

Date:

Date:

Assinado por: **CARLOS MANUEL DA SILVA RODRIGUES**
Num. de Identificação: 06488345
Data: 2024.12.11 11:43:25+00'00'
Certificado por: **Diário da República**
Atributos certificados: **Presidente - Instituto Politécnico de Viana do Castelo**

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Dr Harald Holone

Prof Carlos Manuel da Silva Rodrigues

Dean at the Faculty of Computer Science,

President of the Polytechnic University of Viana do Castelo

HiØ

Appendix

Double degree program agreement between the Department of Electrical and Computer Engineering at IPVC and the
Department of Computer Science and Communication at HiØ
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Appendix 1: Program overview for students of both institutions

	1ˢᵗ semester 30 ECTS	2ⁿᵈ semester 30 ECTS	3ʳᵈ semester 30 ECTS	4ᵗʰ semester 30 ECTS
IPVC students *min 60 ECTS credits awarded by HiØ	Course work at home university (IPVC)	Course work at home university (IPVC)	Master thesis with joint supervision at host university (HiØ, co-supervision) or at any location in the world	Master thesis with joint supervision at host university (HiØ, co-supervision) or at any location in the world

	1ˢᵗ semester 30 ECTS	2ⁿᵈ semester 30 ECTS	3ʳᵈ semester 30 ECTS	4ᵗʰ semester 30 ECTS
HiØ students* *min 60 ECTS credits awarded by IPVC	Course work at home university (HiØ)	Course and project work at host university (IPVC)	Course and project work at host university (IPVC)	Master thesis at home university (HiØ)

The following courses at the ITK/HiØ are available to IPVC students on the master programme in Cybersecurity.

Master's Thesis*	60 ECTS
Total	**60 ECTS**

* Mandatory course

The following taught courses at the IPVC are available to HiØ students on the master program in Applied Computer Science.

Spring semester	**30 ECTS**
Ethical Hacking*	6 ECTS
Privacy and Data Protection*	3 ECTS
Social Engineering*	3 ECTS

Digital Identity Management*	3 ECTS
Data Analytics and Cyber Intelligence*	5 ECTS
Cybersecurity Audit and Compliance*	4 ECTS
Cybercrime and Digital Forensics Analysis*	6 ECTS
Fall semester	**30 ECTS**
Applied Cryptography*	5 ECTS
Network and Systems Security*	5 ECTS
Information Security Management*	5 ECTS
Software Security*	5 ECTS
Cyber-Physical Systems Security*	4 ECTS
Defense Strategies in Systems Administration*	6 ECTS
Total	**60 ECTS**

* Mandatory course

Appendix 2: Overview of grading systems in both countries

HiØ grades table, Norway

Grade	Meaning
A	Excellent
B	Very good
C	Good
D	Satisfactory
E	Sufficient
F	Fail

IPVC grades table, Portugal:

Grade [0..20]	Meaning
[18,20]	Excellent
[16,18[	Very good
[14,16[	Good
[12,14[	Satisfactory
[10,12[	Sufficient
<10	Fail