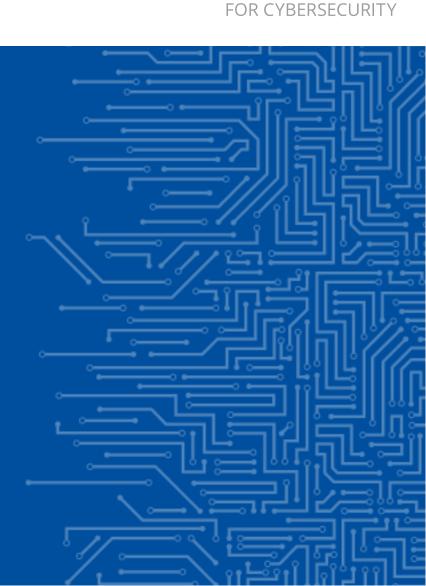


Konstantinos Adamos

22 | 09 | 2023



CYBERSECURITY HIGHER EDUCATION DATABASE

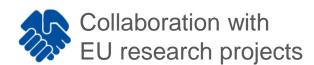


CYBERSECURITY HIGHER EDUCATION DATABASE



Crowd-sourced web database:

the largest updated hub for students seeking to enhance their cybersecurity skills



140+ cybersecurity programmes







CYBERHEAD - Cybersecurity Higher Education Database

+ Add Programme **Statistics Explore Programmes** FAQ Login 1. Programme Name * 2. Institution Name * to the purpose of the database if: Further evidence such as the EFTA Member State. study plan or the recognition 3. Type of programme * may be requested Bachelor Degree Master Degree Postgraduate Course modules are in cybersecurity topics. 4. Delivery method * are in cybersecurity topics. · For a postgraduate specialization programme outside the O Online Classroom O Blended 5. Language * offers a minimum of 30 ECTS Choose here 6. City * 7. Country * (ECSF)) Not all submitted Choose here programmes fulfil 8. Programme Website URL* CyberHEAD's criteria on Cybersecurity Education. 9. Programme Description * Please provide further information that may be of interest to candidate students. This information should preferably not exceed 600 characters and should be written in the programme's language. Possible career paths as Chief Information Security Officer (CISO) or Cybersecurity Risk Manager, development. roles defined by the European Cybersecurity Skills Framework (ECSF)

Thank you for your interest in the Cybersecurity Higher Education Database, powered by ENISA. If you wish to add an entry to the database, please follow the instructions below.

1. Before starting, you need to make sure the programme is relevant to the scope of the Database. A programme is relevant

- . The programme is recognised or accredited by an EU or
- For a Bachelor's degree: at least 25% or the taught
- For a Master's degree: at least 40% of the taught modules
- Bologna-degree structure: at least 40% of the taught modules are in cybersecurity topics and the programme

Postgraduate specialization and Master's programmes must be mapped with at least one and up to three ECSF role profiles. This information must be entered in question 9 "Programme description" (e.g. Possible career paths as a Chief Information Security Officer (CISO) or Cybersecurity Risk Manager, roles defined by the European Cybersecurity Skills Framework

A cybersecurity topic corresponds to any of the topics that might fall within the remit of the knowledge areas of the Cybersecurity Curricula 2017 developed by the Joint Task Force

Based on the information submitted, ENISA might ask further evidence in order to verify the validity of the entries. The submitter will be informed when the validation has been successfully completed and the programme will be listed in the database. The information provided might be used for follow-up analysis regarding cybersecurity education and skills



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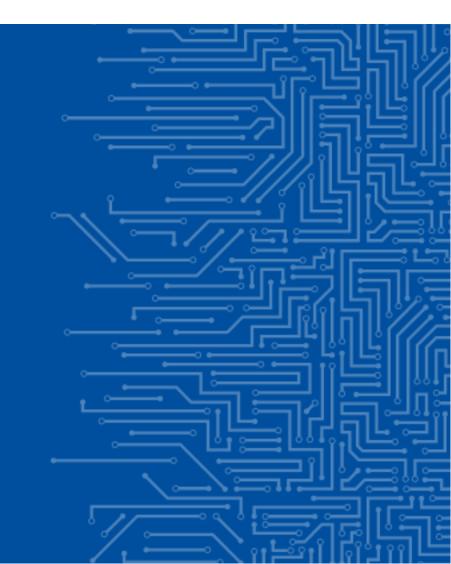






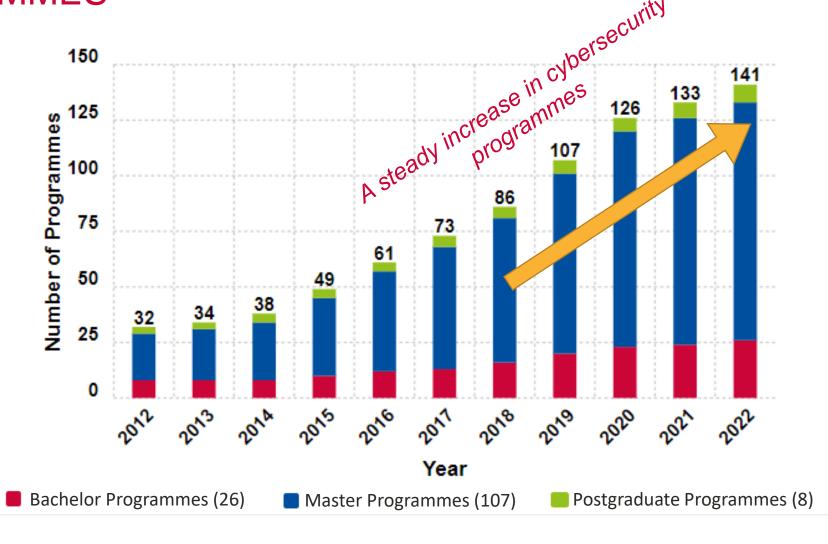
ANALYSING THE PROGRAMMES

Monitoring the cybersecurity state in Europe



MONITORING THE NUMBER OF CYBERSECURITY PROGRAMMES



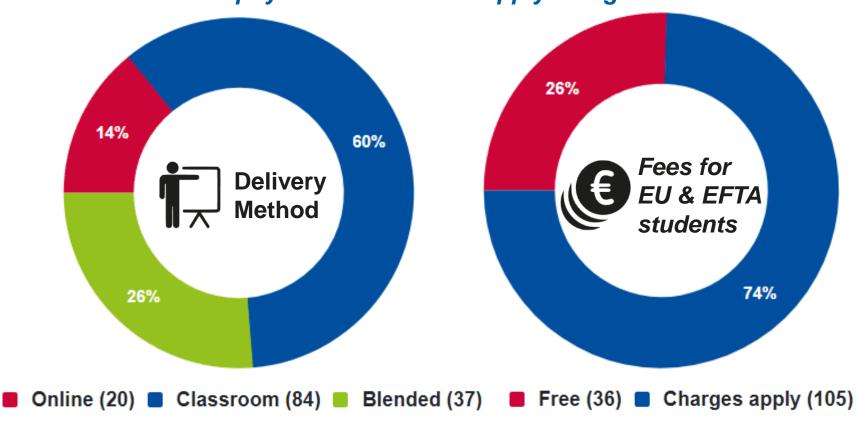








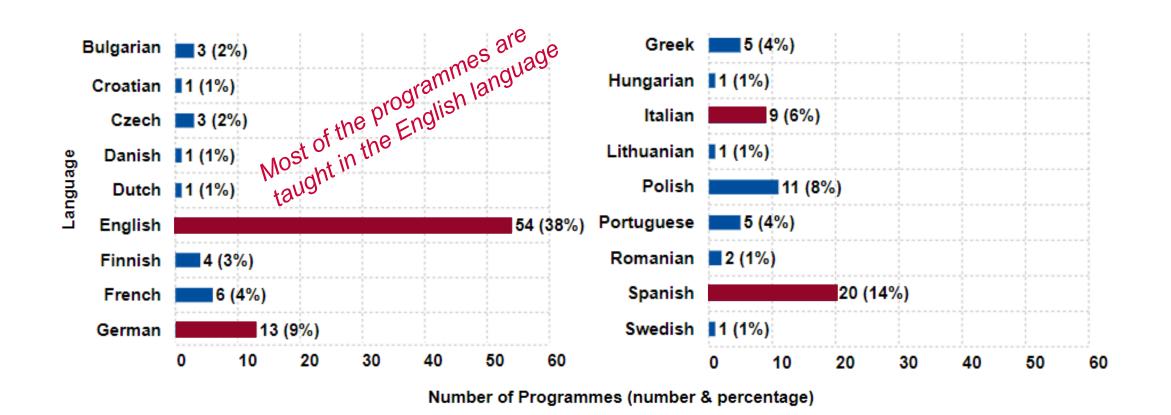
Most of the programmes prefer physical lectures and apply charges













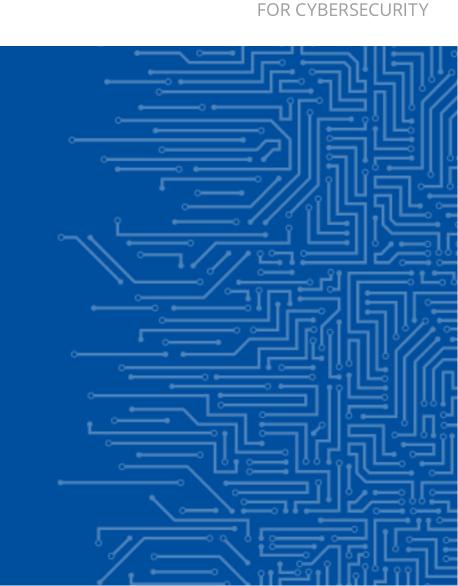






ANALYSING THE PROGRAMMES

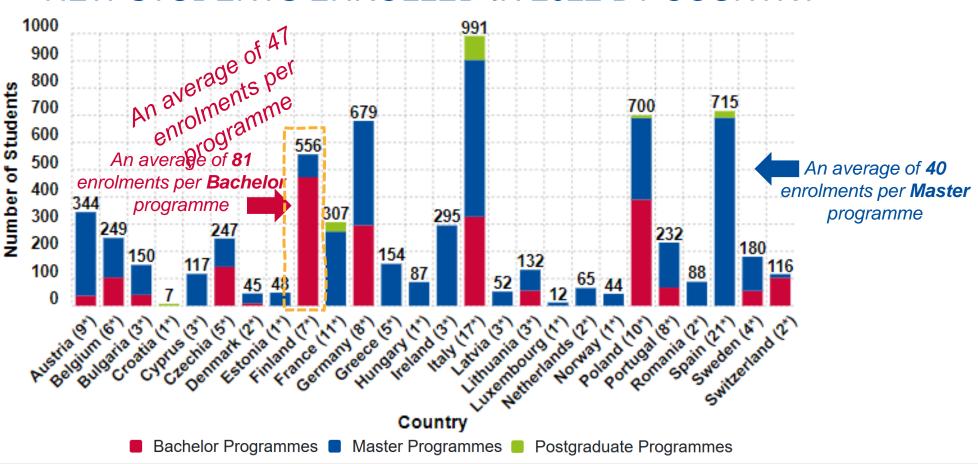
Monitoring enrolments and graduates in Europe







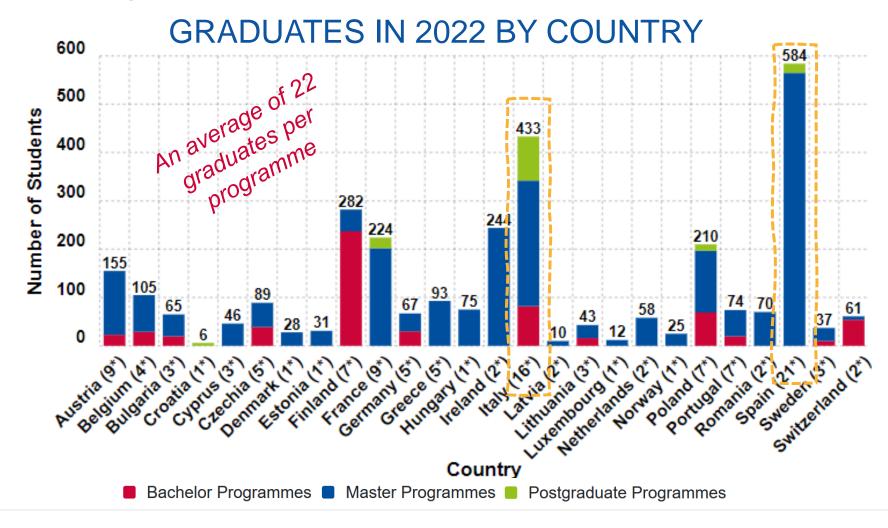
NEW STUDENTS ENROLLED IN 2022 BY COUNTRY







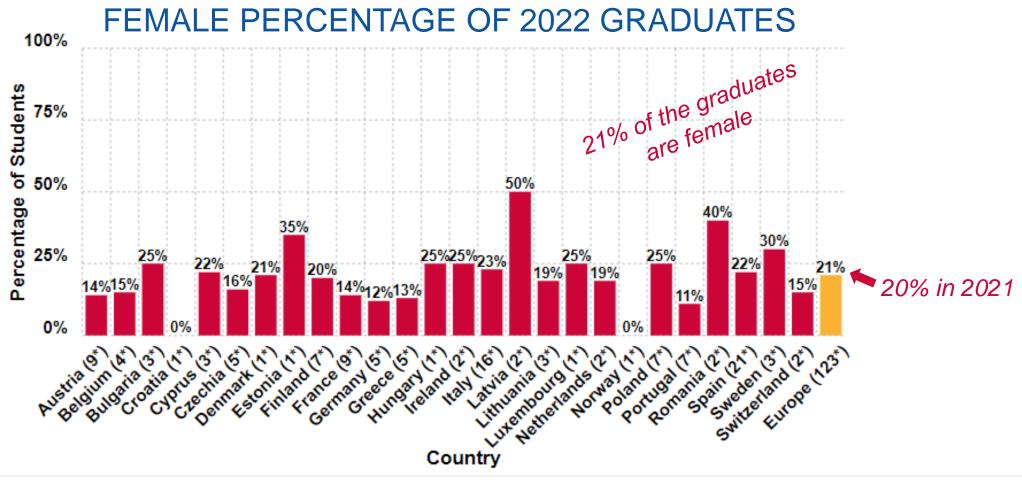
















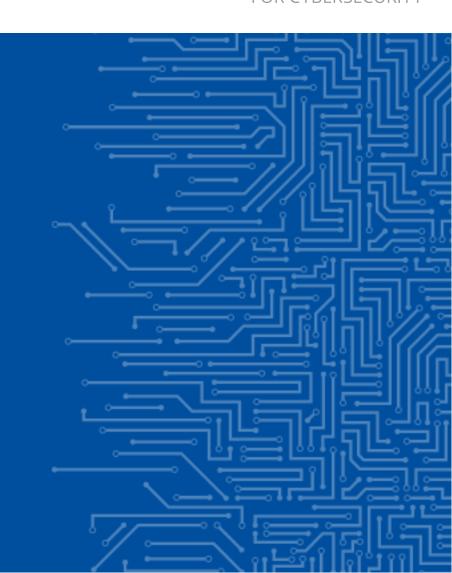






ANALYSING THE PROGRAMMES

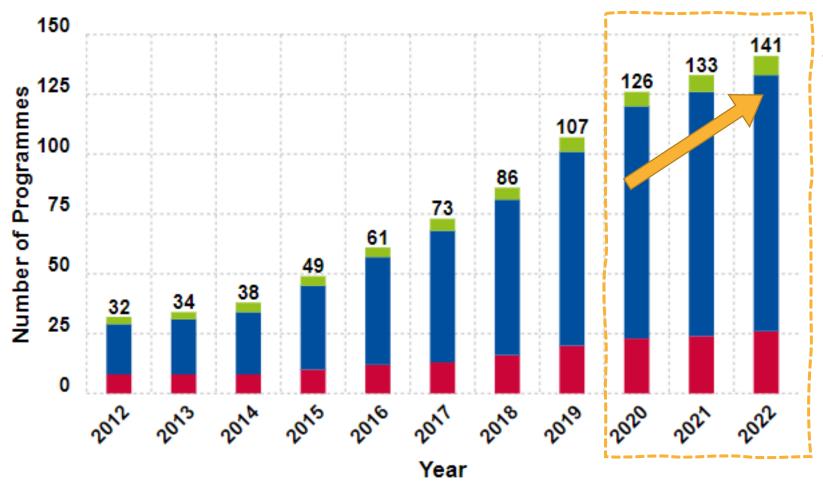
Comparison between 2020, 2021 and 2022 enrolments and graduates and estimating the number of people joining the workforce







HIGHER EDUCATION DATABASE

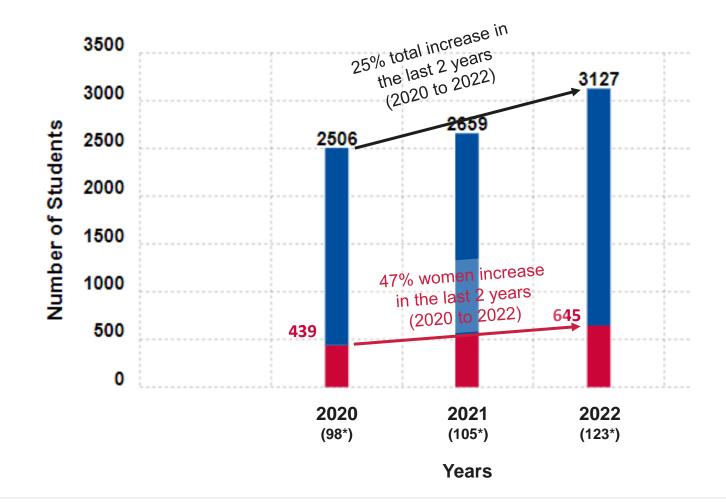


15 new programmes added in the last 2 years











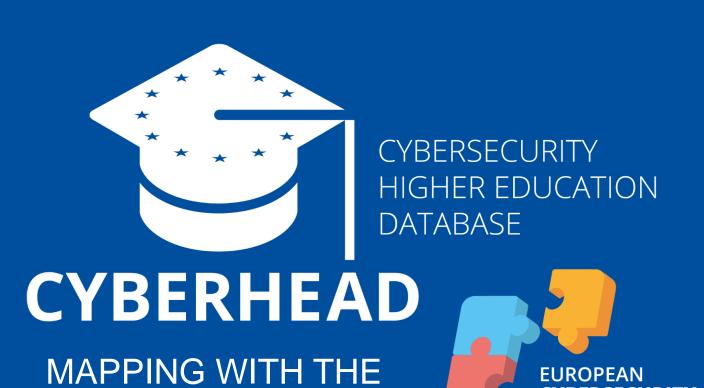


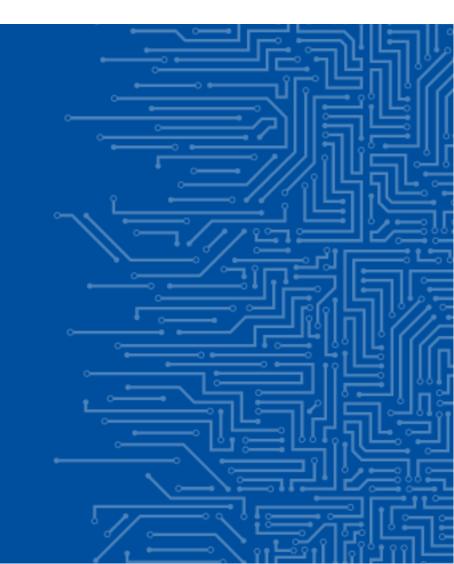


CYBERSECURITY SKILLS FRAMEWORK



FOR CYBERSECURITY





CYBERHEAD'S CONNECTION WITH THE ECSF









"We train Cybersecurity Auditors and Risk Managers"



ORGANISATIONS





"We are looking for Cybersecurity Auditors and Risk Managers"



HOW TO MAP A PROGRAMME WITH THE ECSF ROLE PROFILES

CYBERHEAD

CYBERSECURITY
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Cybersecurity Curricula Designer

https://www.sparta.eu/curricula-designer/



ECSF Knowledge **ECSF Skills** Auditing standards, methodologies and frameworks Auditing-related certification Conformity assessment standards, methodologies and frameworks Cybersecurity controls and solutions Cybersecurity standards, methodologies and frameworks Cybersecurity-related certifications Legal, regulatory and legislative compliance requirements, recommendations and best practices Monitoring, testing and evaluating cybersecurity controls' effectiven ECSF Framework Beta 22.9 NIST NICE Framework Supported ECSF Profiles: Profile ECTS Cybersecurity Auditor 9.29 Cyber Incident Responder 7.94 Digital Forensics Investigator 7.88



QUESTION







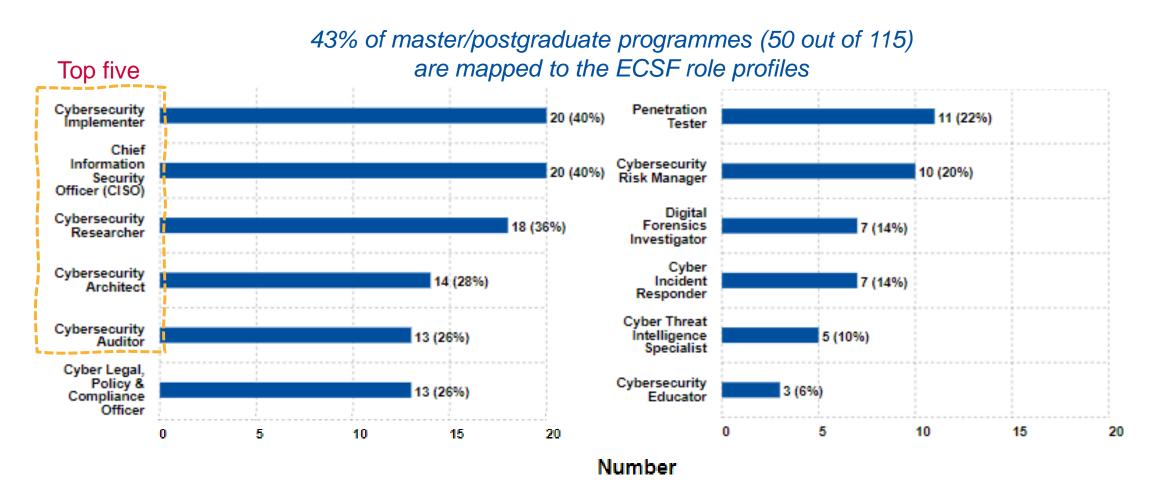
What are the top 5 ECSF role profiles in CyberHEAD programmes?





ECSF ROLE PROFILES IN CYBERHEAD





VISIT AND PROMOTE CYBERHEAD







CYBERSECURITY HIGHER EDUCATION DATABASE

> www.enisa.europa.eu/ cyberhead





THANK YOU FOR YOUR **ATTENTION**

European Union Agency for Cybersecurity

Ethnikis Antistaseos 72 & Agamemnonos 14, Chalandri, 15231, Attiki, Greece





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