

Academic degree:

Bachelor in Cybersecurity Engineering

Professional Title:

Cybersecurity Engineer



Empower your passion for self-discovery in a responsible, creative, and empathetic manner.

We incorporate the SDGs into your education!

The SDGs are the Sustainable Development Goals that world leaders defined in 2015 to ensure a better future for upcoming generations. UCV has incorporated these 17 goals into its educational proposal and research lines so that you become a professional who contributes to a more sustainable world.

A solid humanistic education

To transform yourself into a better person, with human skills and strong values, so that you can contribute to the development of society and adapt to the changes of the current world.



English in all cycles

You will speak the language spoken by the world, thanks to the inclusion of English in every cycle within the curriculum of all professional careers.

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licensed campuses to move forward.

Ate San Juan de Lurigancho
Callao Los Olivos
Chepén Moyobamba
Chiclayo Piura
Chimbote Tarapoto
Huaraz Trujillo

We certify your knowledge

Support your knowledge and access your first internships with three intermediate certifications of high labor demand and great utility for entrepreneurship.

VI
CYCLE

Analyst in Enterprise
Cybersecurity
Incident Management

VIII
CYCLE

Ethical
Hacker in
Cybersecurity

VIII
CYCLE

Innovative
Entrepreneurship
with a Human Face

Discover what you will work on:

1.

Chief Information
Security Officer
(CISO).

2.

Leader of
SOC (Security
Operations Center).

Skills and
competencies
of a
Cybersecurity
Engineer

Código: PP-IN-01.01
Versión: V02
Fecha: 20/12/2023

Contact us:



If you are ready to move forward, pre-register here



Universidad
César Vallejo

We are the largest
university in Peru.

GOOD



Teaching



Employability



Academic Development



Environmental Impact

CYBERSECURITY ENGINEERING

Creates innovative solutions to protect computer systems, networks and data from cyber threats in an ever-evolving technology environment.



Scan this code
and leave us
your information.



IGS
IMMEDIATE
GRADUATION
SYSTEM

Get your degree upon graduation



Curriculum of Cybersecurity Engineering

Mandatory Curricular Experiences

English Prerequisites

Computing Prerequisites

Line Course Prerequisites

* All previous mandatory curricular experiences are prerequisites.

III cycle

- Creativity and Innovation
- Philosophy and Ethics
- Accessibility and Universal Design
- Statistics and Data Analysis

• English III

Complementary Competence

- Computer Science II

IV cycle

- Methodology of Scientific Research
- Mathematics for Engineering
- General Physics
- Algorithms and Programming

• English IV

Complementary Competence

- Computer Science III

I cycle

- Logical Thinking
- Communication Skills
- Sustainable Development Goals
- Engineering and Architecture Perspective

• English I

Complementary Competence

- Computer Science I

II cycle

- Climate Change and Risk Management
- Constitution and Human Rights
- Vallejo Lecture
- Graphic Expression

• English II

V cycle

- Integral Calculus and Differential Equations
- Object-Oriented Programming
- Data and Information Management
- Data Networks and Perimeter Security

• English V

Complementary Competence

- Computer Science IV

VI cycle

- Security in Software Applications
- Cryptography
- Ethical Hacking
- Elective Curricular Experience

• English VI

Complementary Competence

- Computer Science V



Intermediate Certification

- Analyst in Enterprise Cybersecurity Incident Management

VII cycle

- Cybersecurity Architecture
- Data Security
- Security in Software Development
- Digital Forensic Analysis

• English VII

VIII cycle

- Incident Management and Business Continuity
- Cybersecurity Regulations
- Elective Curricular Experience
- Project Management

• English VIII



Intermediate Certification

- Ethical Hacker in Cybersecurity
- Innovative Entrepreneurship with a Human Face

IX cycle*

- Research Project
- Pre-professional Practice I

• English IX

X cycle*

- Development of the Research Project
- Pre-professional Practice II

• English X



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International agreements

It has 118 international agreements with universities in different countries around the world, one of them with the University of Utah in the United States.

Formation

You will be trained by qualified professional teachers, with relevant experience in healthcare, teaching and research.

Simulators and laboratories

Laboratories: physics, new technologies and computing.

Elective Curricular Experiences

VI Cycle

- Big Data Analytics
- Cost and Budget Management
- Strategic Planning

VIII Cycle

- Management of Technological Innovation
- Public Investment Management
- Legislation in Engineering and Architecture

