Structuralia
Engineering eLearning

UNIVERSIDAD
NEBRIJA

Master´s Degree in Water Cycle Engineering + 60 ECTS Credits





Choose to learn at school
leader in online training

INDICE

1 | About **Structuralia**

2 | **Alliance**

3 | **Rankings**

4 | By **EDUCA EDTECH Group**

5 | LXP **Methodology**

6 | **Why choosing** Structuralia?

7 | Trainning **program**

8 | **List of Subjects**

9 | **Contact**

ABOUT STRUCTURALIA

Structuralia is an online educational institution offering highly specialized postgraduate programs in engineering, infrastructure, construction, energy, building, digital transformation, and new technologies. Since our founding in 2001, we have been committed to providing quality training for the professional development of **engineers, architects, and STEM professionals.**

We provide a platform where you can acquire new skills and enhance your knowledge without being limited by time or location. Our methodology ensures an engaging, interactive, and **supportive educational experience,** equipping our students to meet future challenges in their respective fields of work.

More than **20** years of experience

Over **200k** student have learnt with us

More than **90** nationalities among our students



Specialize to
advance your career

STRUCTURALIA ALLIANCE AND NEBRIJA UNIVERSITY

Structuralia and the University of Nebrija successfully consolidate a strategic partnership. Thus, the collaboration between Structuralia and the University of Nebrija promotes a collaborative, innovative and accessible approach towards learning that is adapted to the individual needs of students.

The two institutions prioritize practical and flexible learning, adapted to the demands of today's working world, and which promotes the personal and professional development of each student. The purpose is to acquire new knowledge in a dynamic and didactic way, which facilitates its retention and contributes to developing the necessary skills to be ready to take part in a society in constant and rapid transformation.

Structuralia and the University of Nebrija have set as their main objective the democratization of education to bring it to even the most remote areas and taking advantage of the latest technological innovations. In addition, they have a team of highly specialized teachers and learning platforms that incorporate cutting-edge educational technology to provide academic support throughout the entire educational process.



STRUCTURALIA RANKINGS

Structuralia has achieved the recognition of different national and international rankings, thanks to its commitment to **democratize education** and bet on educational innovation to **achieve excellence.**

For the elaboration of these rankings, **indicators** such as online and offline reputation, the quality of the institution, social responsibility, educational innovation or the profile of professionals are used.















QS, seal of academic excellence

Structuralia: 5 stars in online education

BY EDUCA EDTECH

Structuralia is a brand endorsed by **EDUCA EDTECH Group,** which is composed of a group of experienced and recognized **educational institutions of online training.** All the entities that make it up share the mission of **democratizing access to education** and are committed to knowledge transfer, technological development and research.

EDUCA EDTECH Group

ONLINE EDUCATION

EUROINNOVA INTERNATIONAL ONLINE EDUCATION

inesem business school

INEAF BUSINESS SCHOOL

red educa.net

inesalud

EDU SPORT

EDUCA business school

ESIBE ESCUELA IBEROAMERICANA DE POSTGRADO

Educa.Pro

ceupe European Business School

UDAVINCI

CAPMAN testing solutions

Structuralia Engineering eLearning

UNIMIAMI International University of Miami

Educa PHAROS

LXP METHODOLOGY

The **EDUCA LXP** methodology enhances the learning experience by incorporating AI into e-learning processes. It utilizes highly customized predictive models based on the analysis of student interactions with their virtual environments.

EDUCA LXP is the outcome of **Research Results Transfer** from multiple interdisciplinary R&D+i projects, involving international universities dedicated to knowledge transfer, technological development and research.



1. Flexibility

100% online and flexible learning, allowing students to study where, when and how they want.



2. Accessibility

We believe in making education accessible to all, working to ensure that everyone has the opportunity to continue their learning journey.



3. Personalization

We offer customized learning paths tailored to each student's unique needs and preferences.



4. Accompaniment / Academic mentoring

Guidance and support. Our team of expert teachers provides academic guidance, advocating for educational quality and adapting to the needs of the ever-changing labor market.



5. Innovation

We are at the forefront of technological development, constantly evolving with AI-driven Learning Experience Platforms.



6. Educational excellence

Our didactic approach focuses on competence based learning, promoting practical and meaningful learning experiences to ensure professional development.



Programs

Our own university and official programs

WHY CHOOSIG STRUCTURALIA

1. Our Experience

- ✓ More than **20 years of experience**.
- ✓ More than **200.000 students** have already learnt in our virtual classrooms.
- ✓ More than **90 nationalities** among our student body.

2. Our Team

Currently, Structuralia has a team of **more than 550 professionals working in the STEM (Science, Technology, Engineering and Mathematics)**. Our staff is solidly framed in a structure that facilitates the highest quality in the attention to students.

3. Our Methodology



100% ONLINE

Study at your convenience, wherever you are. Access our virtual campus from any device.



LEARNING

We strive for a deep integration of new knowledge into your cognitive framework.



TEAM TEACHERS

Structuralia has a team of professionals to elevate your study experience with topquality education.



NOT BE ALONE

Receive continuous guidance from our tutoring team throughout your student journey.

4. AENOR Quality

- ✓ We are Collaboration Agency Nº99000000169 authorized by the Ministry of Employment and Social Security.
- ✓ Annual external audits are carried out to ensure the highest quality by AENOR.
- ✓ Our teaching processes are certified by AENOR under ISO 9001.

Master´s Degree in Water Cycle Engineering + 60 ECTS Credits

LENGHT
1500 horas

MODE
ONLINE

ASSISTANCE
PERSONALIZED

CREDIT
60 ECTS

Certificacion

Master´s Degree in Water Cycle Engineering with 60 ECTS Credits awarded by the Antonio de Nebrija University. Teaching not leading to an officially accredited qualification



Description

According to the World Health Organization, approximately 2.2 billion people in the world do not have access to safe drinking water, and 4.2 billion lack sanitation services. Furthermore, climate change is expected to cause increasingly frequent and disastrous droughts and floods. These facts and projections have motivated water companies around the world to initiate infrastructure adaptation plans.

Goals

At the end of the program, the students will be able to: - Understand the entire urban water cycle, as well as each of its processes. - Design the infrastructures that guarantee the integral water cycle. - Exploit and maintain the infrastructures that guarantee the integral water cycle. - Manage projects for the design, expansion, operations, and maintenance of water cycle infrastructures. - Select the best management and operation strategies for companies in the water sector."

What does it prepare you for?

Recently graduated engineers interested in the water sector. Civil, industrial, agricultural and forestry engineering students interested in water treatment processes and preparing for job interviews in the water engineering sector. Engineering professionals who wish to specialize in the water and sanitation sector.

Who is the target audience?

This master's program seeks to study each process within the water cycle in depth, as well as the design and operations of all the necessary infrastructures to guarantee safe water supply and the protection of river ecosystems.

Job opportunities

• WTP manager • WWTP manager • Water infrastructure design engineer • Water infrastructure maintenance manager • Water infrastructure design project manage • Water consultant engineer • Executive at water and environmental engineering companies

List of subjects

MODULE 1. CLIMATE VARIABILITY AND CLIMATE CHANGE

MODULE 2. WATER RESOURCE HARVESTING AND MANAGEMENT

MODULE 3. DRINKING WATER TREATMENT: PURIFICATION AND DESALINATION

MODULE 4. PIPES AND WATER DISTRIBUTION NETWORKS

MODULE 5. SEWAGE SYSTEMS

MODULE 6. DESIGN AND OPERATION OF WASTEWATER TREATMENT PLANT (WWTP)

MODULE 7. ELECTRO-MECHANIC EQUIPMENT AT WATER TREATMENT PLANTS.

MODULE 8. SUSTAINABLE URBAN DRAINAGE SYSTEMS (SUDS)

MODULE 9. NATURAL RISK ENGINEERING. DROUGHT AND FLOODS

MODULE 10. TFM. MASTER'S DEGREE IN WATER CYCLE ENGINEERING

Did you find this information interesting?

If you still have questions, our academic advising team will be happy to answer them.

Ask us about our training method, our teachers, scholarships or even just get to know us.

Request information without commitment.

Find us here!

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www.structuralia.com

Follow us to stay updated!

España

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By
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