Structuralia
Engineering eLearning

UNIVERSIDAD
NEBRIJA

Master´s Degree in Project Management + 60 ECTS Credits





Choose to learn at school
leader in online training

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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 Project Management + 60 ECTS Credits

LENGHT
1500 horas

MODE
ONLINE

ASSISTANCE
PERSONALIZED

CREDIT
60 ECTS

Certificacion

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



Description

Historically, businesses have designed and developed their products and services to meet the perceived needs of the market, or to take advantage of identified business opportunities, while presently, said products and services are normally delivered through projects, which have become an essential activity of any company or organization today. As a matter of fact, the satisfactory completion of a project requires adequate human, technical, material, and economic resources, as well as planning and coordination that integrate said resources efficiently and effectively. One of the key aspects in project management is the presence of highly qualified leadership, in this case, of a Project Manager, who is the one to assume the ultimate responsibility for meeting project objectives in terms of deadlines, costs and expected benefits, which makes adequate preparation a critical asset to carry out this responsibility

Goals

- Learn project management objectives from a systematic approach (an overall view).
- Acquire the necessary knowledge to perform project planning and control tasks.
- Learn the main project organization structures.
- Learn the different project types and their influence in both management and organization
- Understand team and people management strategies, as well as those for negotiation and conflict resolution.
- Apply effective risk management strategies.
- Learn decision
- making criteria and balanced scorecards.
- Learn the essential aspects of knowledge management.
- Gain a global understanding of supplier relationship management and supply chain.
- Lay a solid foundation with regard to the economic and legal aspects of project management.
- Understand the mechanisms involved in reporting and project progress presentations.
- Learn the use of the project management software.
- Learn the project closing and certification processes.
- Learn how to conduct environmental analyses and apply them to any project.
- Learn about project inspection and certifications.
- Learn project crisis management techniques.
- Learn the peculiarities of project management, either for civil engineering or consulting."

What does it prepare you for?

This program has been designed to meet the professional training needs of those who wish to increase their knowledge in the field of project management in a format that will allow them to work and study simultaneously. In fact, this type of master’s degree is of especial interest for technical staff from businesses in all industrial and consulting sectors, and whose minimum admission requirements are a bachelor’s degree, or an associate degree with at least two years of relevant project

management experience.

Who is the target audience?

In fact, the increasing complexity of projects, and the pressure to meet deadlines and budgets, require both a solid conceptual background and a broad practical base. Projects require Project Managers who are trained in the most advanced management techniques, since in the absence of adequate training, the inefficiencies in management will be reflected in the results of the projects. Therefore, due to the aforementioned reasons, the subject covered in this course is of great interest and demand today. However, the training offers of sufficient quality in this field, and that are adequately oriented to the are scarce. These areas make up the reality of the different industrial sectors (construction and equipment) and consulting and services, and hence the importance of project management.

Job opportunities

- Project Manager - Service Manager - Head of Department - Lead Facilitator

List of subjects

MODULE 1. PROJECT MANAGEMENT AND CONTROL

UNIT 1. LAUNCH PLANNING

1. Project launch
2. Project management plan (I): project lifecycle
3. Project management plan (II): planning
4. Project management plan (III): project organization chart
5. Lessons learned

UNIT 2. COMMUNICATIONS AND DOCUMENT MANAGEMENT

1. Communication management (I): general aspects of communication
2. Communication management (II): global communication management process
3. Communication management (III): specific communication management plan
4. Document management and control (I): specific document management plan
5. Document management and control (II): document management tool

UNIT 3. PROCUREMENT MANAGEMENT

1. Procurement management
2. Procurement management and subcontracts
3. Expediting management
4. Quality control (QC)
5. Procurement logistics

UNIT 4. HHRR, QUALITY, HEALTH, SAFETY, AND ENVIRONMENT

1. HHRR management (I): specific HHRR plan
2. HHRR management (II): work team management
3. Quality management
4. Health, safety, and environment (HSE) management (I): definition
5. Health, safety, and environment (HSE) management (II): standards

MODULE 2. TURNKEY PROJECTS (EPC)

MODULE 3. ADVANCED PROJECT MANAGEMENT

UNIT 1. SCOPE AND CONTRACT MANAGEMENT

1. Scope management (I)
2. Scope management (II)
3. Scope management (III)
4. Contract management (I)
5. Contract management (II)

UNIT 2. NEGOTIATION AND COST CONTROL

1. Negotiation (I)
2. Negotiation (II)
3. Negotiation (III)
4. Cost control

UNIT 3. COST ESTIMATION AND PLANNING

1. Cost estimation (I)
2. Cost estimation (II)
3. Cost estimation (III)
4. Planning (I)
5. Planning (II)
6. Planning (III)

UNIT 4. RISK MANAGEMENT

1. Global setting
2. Risk management (I)
3. Risk management (II)
4. Risk management (III)
5. Earned value method

MODULE 4. CORPORATE SOCIAL RESPONSIBILITY

UNIT 1. CSR: A NEW WAY TO MANAGE ORGANIZATIONS

1. From sustainability to Corporate Social Responsibility
2. The foundation of CSR: Business ethics
3. Institutional reference framework at the international level
4. How is CSR advancing in Spain
5. SDG applied to the business sector

UNIT 2. STAKEHOLDERS AND CSR DIMENSIONS I

1. Stakeholder analysis
2. CSR management areas and benefits for business
3. Transparency and corporate governance
4. CSR and people management
5. Business and human rights

UNIT 3. STAKEHOLDERS AND CSR DIMENSIONS II

1. Supply chain
2. Environment
3. Sustainable finance
4. Collaboration with community
5. Responsible consumption

UNIT 4. MANAGEMENT AND COMMUNICATION TOOLS

1. CSR management tools
2. Main CSR management systems
3. Risk management and CSR
4. CSR communication - The keys to a good strategy
5. CSR communication tools

MODULE 5. AGILE MANAGEMENT APPROACH

UNIT 1. AGILE FRAMEWORK

1. Myths and realities, why agile?
2. Agile vs traditional
3. Agile principles and values
4. Prioritisation of requirements
5. Scrum

UNIT 2. AGILE PLANNING

1. Other agile methodologies
2. Vision of a project
3. Agile estimation
4. Road map
5. Delivery plans

UNIT 3. AGILE ITERATIONS

1. Iteration planning
2. Executing and iteration
3. Using Kanban in iteration
4. Demo and retro meetings
5. Work tracking

UNIT 4. AGILE MANAGEMENT STYLE AND FOCUS SCALING

1. Agile communication and management style
2. Information radiators
3. Agile leadership
4. Agile method escalation
5. Tools

MODULE 6. DESIGN THINKING (INGLÉS)

MODULE 7. FINANCE PROJECT MANAGEMENT

UNIT 1. FINANCIAL PROJECTIONS AND PROJECT FINANCE

1. Time value of money
2. Investment appraisal methods

3. Creation of financial projection
4. Quality of financial projections and terminal value
5. Project finance sources
6. Cost of capital cost and level of project debt
7. Evaluation of projects with uncertain results

UNIT 2. PROJECT FINANCE

1. Introduction to the project finance model
2. Project risk analysis
3. Project bankability
4. Entities involved in the financing of a project
5. Ratios and management of project financing

UNIT 3. INTERNATIONAL PROJECTS

1. Development of financing for international projects
2. Country risk management
3. Finance sources for international projects

UNIT 4. SERVICE PROJECTS

1. Financial management of service projects
2. Identification of costs in service projects
3. Allocation of costs to services
4. Establishment of the economic budget for the service
5. Economic follow-up and closure of the service

MODULE 8. PMP® CERTIFICATION. EXAM PREPARATION COURSE. SEVENTH EDITION (PART I)

UNIT 1. PROCESS (I)

1. Introduction to PMP
2. Agile versus traditional project management approaches
3. Code of ethics
4. Project execution with the right urgency to deliver business value
5. Communications management

UNIT 2. PROCESS (II)

1. Risk management
2. Stakeholder management
3. Cost and resources management
4. Time management
5. Quality management

UNIT 3. PROCESS (III)

1. Scope management
2. Integration management

3. Adquisitions management
4. Change management
5. Delivery management

UNIT 4. PROCESS (IV)

1. Determine the appropriate methodology and practices
2. Establish the governance structure of the project
3. Incident and problem management
4. Ensure the transfer of knowledge for the continuity of the project
5. Manage the closure of the project

MODULE 9. PMP® CERTIFICATION. EXAM PREPARATION COURSE. SEVENTH EDITION (PART II)

UNIT 1. PEOPLE (I)

1. Agile project management approach
2. Conflict management
3. Team leadership
4. Team performance support
5. Empowerment of the team and stakeholders

UNIT 2. PEOPLE (II)

1. Ensure the training of the team members
2. Team building
3. Directing and removing impediments, obstacles and blockers
4. Negotiate project agreements
5. Collaborate with stakeholders

UNIT 3. PEOPLE (III)

1. Build a shared vision
2. Engage and support virtual teams
3. Define basic team rules
4. Mentor relevant stakeholders
5. Promote team performance through emotional intelligence

UNIT 4. BUSINESS ENVIRONMENT

1. Project compliance management
2. Evaluate and deliver the benefits and value of the project
3. Asses and address changes in the business context that impact scope
4. Support organizational change
5. Guide to registration for the exam

MODULE 10. MFP. MASTER´S DEGREE IN PROJECT MANAGEMENT

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.

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