



Faculty of
Architecture

#SomosOrgullosamenteUNI



Architecture

PROFILE OF GRADUATION
AND CURRICULA

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Knowledge OF AN ARCHITECT



- Comprise the theories, laws, parameters, and principles that underlies and regulates architecture, construction, urbanism and preserves patrimony.
- Interpret physical, spatial, economical, socio-political, legal, ideological, cultural, environmental, technological and territorial-urban context.
- Manage methodologies, methods and techniques in the architectural design process.
- Comprise methodologies, methods and techniques in the territorial Planning in its different scales and urban design.
- Theoretically, master expression techniques, physical presentation and representation, and architectural-digital objects in the space.
- Interpret the scientific method, methods and techniques of investigation.
- Comprise construction Project Managements' processes: planning, organization, administration, execution, supervision (new project), and maintenance and building renovation.
- Manage constructive and structural systems.
- Interpret systems' geographical information.
- Differ between historical analysis' methods and techniques.
- Relate methodologies and technical policies for studies of assessing and environmental impact.
- Comprise tangible and intangible heritage conservation from Project Managements' processes.
- Codes, manuals, policies and standards for technical and special system installation.

Skills OF AN ARCHITEC

- Independently, develop architectonic and urban quality drafts and projects with low, medium and high complexity in inter and multidisciplinary equipment.
- Underlie his/her job based on theoretical, historical and technical arguments. Moreover, he/she exercises critical and self-critical thinking as a strategy of recognition in order to improve his/her work.
- Apply research skills in his/her analysis and interpretation of the environment, as well as solving problem in his/her field of work through ideas, plans, and projects with viable, applicable and controlled solutions along with the environment.
- Develop creativity and innovation in his/her architectonic and urbanistic practice with a local thought as well as global.
- Coordinate, practice and execute different managements' moments in any of the stages in the design and construction process.
- Conduct different types of presentations in a fluently way and use different resources and specialized IT tools that under his/her disposition.



ARCHITECTURE





Attitudes OF AN ARCHITECT

- Professional ethics
- Permanent commitment with His/her whole life learning.
- Environmental and social responsibility in management as well as architectonic and urbanistic solutions.
- Entrepreneurial spirit.
- Innovative attitude.



Curricula

I Semester

- Architectural Composition
- Architectural Communication I
- Theoretical Principles of Architecture
- Descriptive Geometry
- Structural and Constructive Logic
- Applied Mathematics I

II Semester

- Architectural Project I
- Construction I
- Applied Mathematics II
- Architectural Communication II
- History of Architecture and Urbanism I
- General Physics

III Semester

- Architectural Project II
- Construction II
- Structures I
- English I
- Architectural Communication III
- Topography
- History of Architecture and Urbanism II

IV Semester

- Architectural Project III
- Construction III
- Structures II
- English II
- Architectural Communication IV
- Physics of Architecture I
- History of Architecture and Urbanism III

V Semester

- Architectural Project IV
- Construction IV
- Structures III
- Architectural Communication V
- Physics of Architecture II
- History of Architecture and Urbanism IV

VI Semester

- Architectural Project V
- Technical Facilities I
- Culture and Society
- Organization and Administration of Projects
- Structures IV
- Introduction of the Environment Study

VII Semester

- Architectural Project VI
- Technical Facilities II
- Introduction to Urbanism and Territory
- Budget and Tender
- Structures V
- Architecture and the Environment.

VIII Semester

- Architectural Project VII
- Urbanism I
- Research Methodology
- Urban Sociology
- Administration of Project Construction
- Statistics I

IX Semester

- Architectural Project VIII
- Theories and Critics of Architecture
- Geographical Information System
- Maintenance and Building Renovation
- Urbanism II

X Semester

- Architectural Project IX
- Heritage Conservation
- Graduation Seminar
- Total Quality Management
- City and Territory

Curricula





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