



Architecture

6

PROFILE OF GRADUATION AND CURRICULA

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Knowledge OF AN ARCHITEC



- 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.

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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.

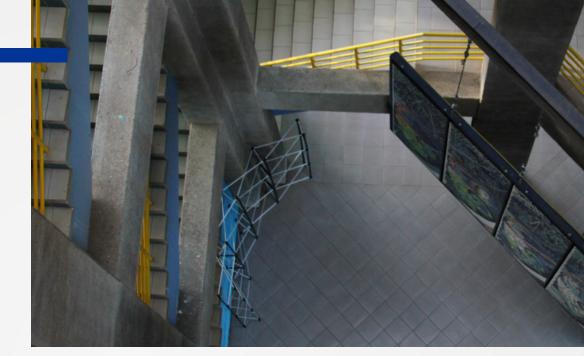
Comprise tangible and intangible heritage conservation from Project Managements' processes.

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 theorical, 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.





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- Professional ethics
- learning.
- solutions.
- Entrepreneurial spirit.
- Innovative attitude.



Permanent commitment with His/her whole life

Environmental and social responsibility in management as well as architectonic and urbanistic



I Semester

- Architectural Composition
- Architectural Communication I
- Theoretical Principals 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

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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



RCHITECTURE



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