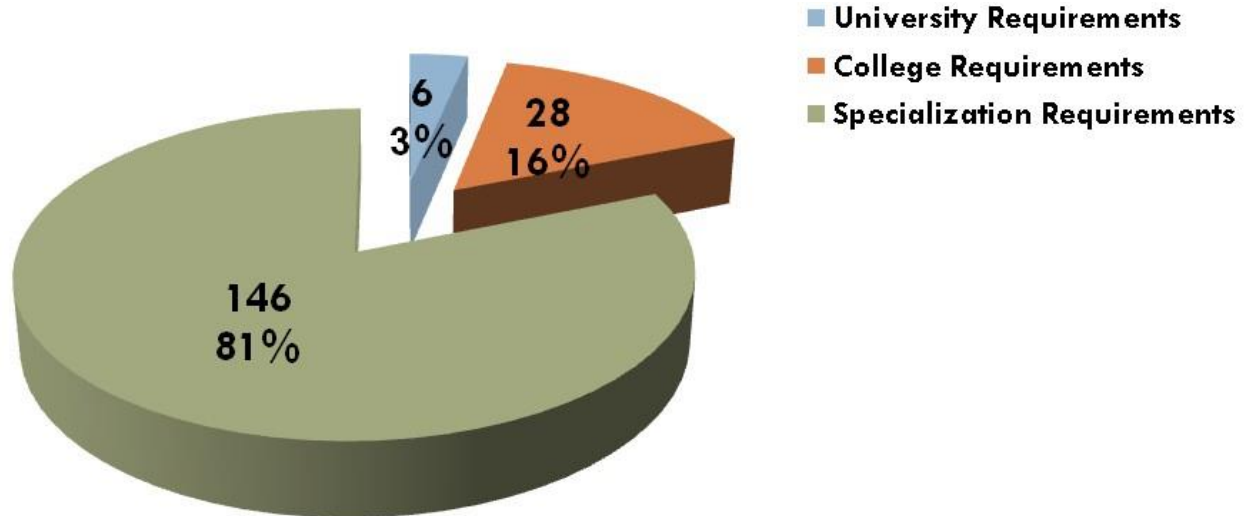


Landscape Architecture Program



Landscape Architecture Goals

Program Mission

Our mission is to generate, preserve, disseminate, and apply the knowledge of our profession through education, research, creative work, and community service. We prepare graduates to be leaders in the field of landscape architecture by integrating student learning with faculty research and creative pursuits and engaging with partners in that branch in the community and other disciplines. We demand the highest standards of education, training, research and professional practice. Our mission dictates that the production of knowledge be an activity for the entire community, faculty and students, graduates and undergraduates to serve and lead the community in the enhancement of the quality of life through the aesthetic, meaningful, and sustainable design of the physical and natural environment.

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Landscape Architecture University Requirements

Course Code	Course Title	Credit Hours
HUM xxx	Elective Course (1)	3
HUM xxx	Elective Course (2)	3
Total Credit Hours		6

HUM xxx Elective Course (1), (2): Student chooses only two of the following courses:

Course Code	Course Title	Credit Hours
HUM 012	German Language	3
HUM 014	Engineering Profession, Practice, and Responsibilities	3
HUM 111	Engineering Economy	3
HUM 112	Health and Wellness	3
HUM 211	Impact of Technology on Society	3
HUM 212	Introduction to Marketing	3
HUM 311	Engineering Management	3
HUM 312	Human Resources Management	3
HUM 313	Engineering Law	3

College Requirements for Landscape Architecture Program

Course Code	Course Title	Credit Hours
CSE 012	Engineering Computation	3
PHM 012	Calculus for Engineering (1)	3
PHM 013	Calculus for Engineering (2)	3
PHM 014	Linear Algebra and Analytic Geometry	3
PHM 022	Waves, Electricity, and Magnetic Fields	3
PHM 032	Engineering Mechanics (1) - Statics	3
PHM 033	Engineering Mechanics (2) - Dynamics	3
PHM 042	General Chemistry	3
MDP 061	Engineering Design and Graphics	4
Total Credit Hours		28

General Specialization Courses for Landscape Architecture Program

Course Code	Course Title	Credit Hours
CES 110	Soil Properties and Materials	3
CEP 113	Site Survey	3
CES 117	Structure Analysis	3
UPL 131	Freehand Drawing and Visual Training	2
UPL 133	Design Studio (1)	4
ARC 134	Construction Studio (1)	3
UPL 134	Design Studio (2)	4
ARC 135	Construction Studio (2)	3
UPL 140	Site Analysis	3
UPL 152	History and Theory of Landscape (1)	3
UPL 153	Site Photography and Documentation	2
UPL 154	History and Theory of Landscape (2)	3
CEI 213	Irrigation System & Network	2
UPL 214	Computer Applications in Landscape Architecture	2
UPL 234	Design Studio (3)	4
ARC 235	Working Drawing Studio (1)	3
UPL 235	Design Studio (4)	4
ARC 236	Working Drawing Studio (2)	3
UPL 242	Introduction to Urban Design	3
UPL 243	Urban Design & Landscape	3
UPL 252	Models & 3D Samples	2
UPL 253	Contemporary Theories of Landscape Architecture	3
UPL 255	Presentation and Communication Techniques	2
UPL 256	GIS Applications	2
CEP 312	Infrastructure Planning	2
UPL 314	Advanced Computer Applications 3D	2
UPL 337	Design Studio (5)	4
ARC 338	Working Drawing Studio (3)	3
UPL 338	Design Studio (6)	4
ARC 339	Working Drawing Studio (4)	3
UPL 354	Out Door Lighting and Effects (1)	3
UPL 355	Horticulture and Garden Design (1)	2
ARC 356	Profession Practice	3
UPL 356	Horticulture and Garden Design (2)	2
UPL 438	Land and Development	3
UPL 443	Urban Ecology	2
UPL 444	Environmental Impact Assessment	3
ARC 455	Projects Management	2
UPL 455	Out Door Lighting and Effects (2)	3
UPL 456	Urban Economy	3
UPL 457	Feasibility Studies	3
UPL 459	Sustainability in Landscape Architecture	3
UPL 493	Graduation Project (1)	5
UPL 494	Graduation Project (2)	5
Total Credit Hours		129

Technical Electives for Landscape Architecture Program

Course Code	Course Title	Credit Hours
HUM 015	Report Writing	3
HUM 021	History of Arts (1)	2
HUM 031	History of Arts (2)	2
HUM 224	Humanities in Landscape Architecture	2
HUM 325	Human Behaviors & Urbanism	2
XXX 47x	Elective Course (3)	3
UPL 41x	Elective Course (4)	3
Total Credit Hours		17

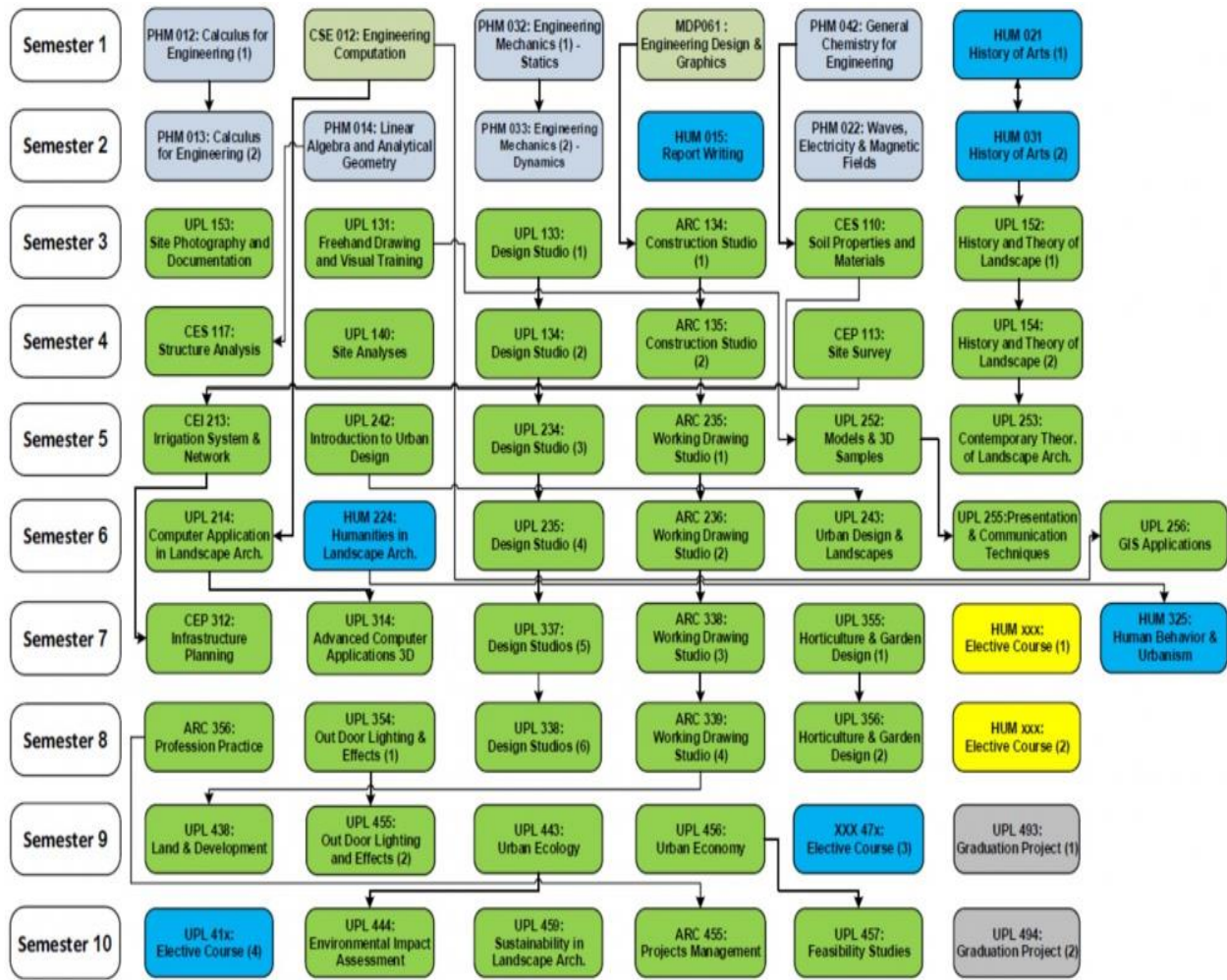
UPL 47x Elective Course (3): Student chooses only one of the following courses:

Course Code	Course Title	Credit Hours
ARC 473	Green Architecture Principles	3
UPL 473	Interior Planting Design	3
ARC 474	Contemporary Vernacular Architecture	3
ARC 475	Criticism & Project Evaluation	3
UPL 478	Urban & Architectural Heritage	3

UPL 41x Elective Course (4): Student chooses only one of the following courses:

Course Code	Course Title	Credit Hours
UPL 411	Advanced Urban Design	3
UPL 414	Planning Theories and Values	3
UPL 415	Urban Renewal	3

Course Tree of Landscape Architecture Program



- University Requirements
- College Requirements (Basic Science)
- College Requirements (Basic Engineering)
- Specialization Requirements
- Specialization Requirements that require fifth-level standing
- Specialization Requirements of Technical Electives
(Prerequisites are determined according to the selected course)