

# URBAN AND REGIONAL PLANNING - BS, URBAN DESIGN TRACK

The Bachelor of Science in Urban and Regional Planning degree program is based in the Department of Landscape Architecture and Urban Planning (LAUP) within the College of Architecture at Texas A&M University. The Urban and Regional Planning program equips students for entry-level positions in planning allied fields and prepares them for graduate studies in fields such as Urban Planning and Land Development. The core curriculum, designed to equip students with knowledge and skills to deal effectively with the opportunities and challenges inherent in the development, growth and culture of neighborhoods, cities, and regions, is based on theoretical training in the natural, physical, and social sciences. Students acquire skills that enable them to apply these theories to develop communities, cities, and regions which are safe, healthy, and sustainable.

Critical thinking and analytical skills are emphasized for problem-solving at the community and regional scale. Classroom service-learning experiences enable graduates to more reliably and realistically assess complex community problems, design solutions for overcoming those problems, and evaluate the outcomes of programs and policies in meeting community and regional needs.

The Urban Design Track emphasizes physical solutions and the urban form of communities and cities, related to land uses, site planning, the provision of infrastructure such as roads, sidewalks, and storm water management, and the provision of public spaces. Skill-building emphasizes graphic representation and the use of Geographic Information Systems (GIS) for both analysis and design.

## Program Requirements

### First Year

Fall		Semester Credit Hours
LAND 101	Introduction to Landscape Architectural Practice <sup>1</sup>	1
URPN 201	The Evolving City <sup>1</sup>	3
Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communications">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communications</a> )		3
Creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> )		3
Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
General elective <sup>2</sup>		1
<b>Semester Credit Hours</b>		<b>14</b>

### Spring

ARCH 212	Social and Behavioral Factors in Design	3
LAND 240	History of Landscape Architecture	3
POLS 206	American National Government	3
URPN 202	Building Better Cities <sup>1</sup>	3

Mathematics ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a> )		3
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**Semester Credit Hours 15**

### Second Year

#### Fall

URPN 210	Urban Analytical Methods I <sup>1</sup>	3
URPN 220	Digital Communication I <sup>1</sup>	3
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Mathematics ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a> )		3

**Semester Credit Hours 15**

#### Spring

URPN 310	Urban Analytical Methods II <sup>1</sup>	3
URPN 320	Digital Communication II <sup>1</sup>	3
Select one of the following: <sup>1</sup>		3
SOCI 214	Social Problems	
SOCI 230	Classical Sociological Theory	
SOCI 311	Social Change	
SOCI 312	Population and Society	
SOCI 317/ AFST 317	Racial and Ethnic Relations	

American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
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Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communications">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communications</a> )		3
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**Semester Credit Hours 15**

### Third Year

#### Fall

POLS 207	State and Local Government	3
URPN 325	Introduction to GIS in Urban and Regional Planning <sup>1</sup>	3
URPN 330	Land Development I <sup>1</sup>	3
URPN 420	Principles of Urban Design <sup>1</sup>	3
General elective <sup>2</sup>		3

**Semester Credit Hours 15**

#### Spring

CARC 481	Seminar <sup>1</sup>	1
RWFM 375	Conservation of Natural Resources <sup>1</sup>	3
URPN 326	Advanced GIS in Urban and Regional Planning <sup>1</sup>	3
URPN 401	Policy Implementation <sup>1</sup>	3
URPN 483	Studio in Urban and Regional Science <sup>1</sup>	4
General elective <sup>2</sup>		3

**Semester Credit Hours 17**

**Fourth Year****Fall**

Semester Away <sup>3</sup>		
CARC 301 or URPN 494	Field Studies in Design Innovation <sup>1,4,5</sup> or Internship	6
Directed elective <sup>1,6,7</sup>		6
<b>Semester Credit Hours</b>		<b>12</b>

**Spring**

URPN 331	Public and Private Infrastructure Funding <sup>1</sup>	3
URPN 409	Urban Design Studio <sup>1</sup>	5
Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Directed elective <sup>1,6,7</sup>		3
General elective <sup>2</sup>		3
<b>Semester Credit Hours</b>		<b>17</b>
<b>Total Semester Credit Hours</b>		<b>120</b>

<sup>1</sup> Must make a grade of C or better.

<sup>2</sup> Select from any 100-499 course not used elsewhere.

<sup>3</sup> Semester Away: May be satisfied by study abroad, at another university, internship, or special arrangement by advisor or instructor. Directed electives may be taken during summer, online, distance education, at another university or college, or at a study abroad university.

<sup>4</sup> CARC 301 is a study abroad course. If electing to study abroad, must take CARC 311 and CARC 331 as directed electives.

<sup>5</sup> If a student takes URPN 494 in fall of 4th year, 6 hours of directed electives must be added to different semesters other than this fall.

<sup>6</sup> See advisor for a list of approved courses.

<sup>7</sup> This course will be selected in consultation with the student's advisor. If not participating in study abroad, 3 hours must come from approved course in International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>).