

# 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 School 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
ECCB 205	Fundamentals of Ecology	3
ENDS 101	Design Process	3
ENGL 104	Composition and Rhetoric	3
LAND 101	Introduction to Landscape Architectural Practice <sup>1</sup>	1
URPN 201	The Evolving City <sup>1</sup>	3
General elective		1
<b>Semester Credit Hours</b>		<b>14</b>
Spring		
ECON 202	Principles of Economics	3
LAND 240	History of Landscape Architecture	3
MATH 140	Mathematics for Business and Social Sciences	3
POLS 206	American National Government	3
URPN 202	Building Better Cities <sup>1</sup>	3
<b>Semester Credit Hours</b>		<b>15</b>

### Second Year

Fall		
MATH 142	Business Calculus	3
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> )		4
<b>Semester Credit Hours</b>		<b>16</b>
Spring		
ECCB 215	Fundamentals of Ecology–Laboratory	1
ENGL 210	Technical and Professional Writing	3
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
<b>Semester Credit Hours</b>		<b>16</b>

### 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
URPN 489	Special Topics in... <sup>1</sup>	1
General elective		3
<b>Semester Credit Hours</b>		<b>16</b>
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>	3
General elective		3
<b>Semester Credit Hours</b>		<b>16</b>

### Fourth Year

Fall		
Semester Away <sup>2</sup>		
Select one of the following:		6
CARC 301	Field Studies in Design Innovation <sup>1,3</sup>	
URPN 494	Internship <sup>1,4</sup>	

Concentration elective <sup>1,5,6</sup>	6
<b>Semester Credit Hours</b>	<b>12</b>
<b>Spring</b>	
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> )	1
Concentration elective <sup>1,5,6</sup>	3
General elective	3
<b>Semester Credit Hours</b>	<b>15</b>
<b>Total Semester Credit Hours</b>	<b>120</b>

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

<sup>2</sup> See advisor for a list of approved courses.

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

<sup>4</sup> Study abroad course. If electing to study abroad, must take CARC 311 and CARC 331 as concentration electives.

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

<sup>6</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/>).