College of Architecture and Urban Studies
School of Public and International Affairs (SPIA)
Bachelor of Arts in Public and Urban Affairs (PUA)
Major – Smart and Sustainable Cities (SSC)
For student date of entry under UG Catalog 2022-2023

I.	Pathways	45 Credit Hours	
II.	PUA Degree Core	26 Credit Hours	
III.	SSC Major	21 Credit Hours	
IV.	Free Electives	28 Credit Hours	
Total Required for Smart and Sustainable Cities Major		**120 Credit Hours**	

Departmental Policies

Hours Requirement: A total of 120 hours is required to graduate with a PUA degree. Forty-seven (47) credit hours are required to complete the Smart and Sustainable Cities (SSC) major (Section II + Section III).

In-major GPA: All of the courses in sections II and III are included in the in-major GPA calculation. A GPA of 2.0 or above (overall and in-major) is required for graduation.

Satisfactory Progress: To make satisfactory progress within the SSC major, students must complete UAP 1024, PSCI 1014, SPIA 2114, STAT 3604, and SPIA 2244 by the end of the semester in which 60 hours have been attempted; and maintain an in-major GPA of 2.0.

Dual Use of Courses: No course can double count within or between SPIA-related majors or minors with the exception of the PUA Core Degree Requirements (Section II below). In accordance with university guidelines, courses satisfying degree core requirements may not be used to satisfy other areas of a degree (e.g. Pathways).

Intra-SPIA Program majoring and minoring: Students may pursue more than one major or minor associated with the School of Public and International Affairs Program. In this case, the policy pertaining to the "Dual Use of Courses" will apply.

Prerequisites: Some courses listed on this checksheet have prerequisites. Be sure to consult the University Catalog and/or check with your advisor regarding course planning.

I.   Pathways Requirements (45 credit hours)

Pathway 1- Discourse (9 credits)
ENGL 1105-1106 First-Year Writing (1f)
3 credit hours from 1a

- ☐ ENGL 1105
- ☐ ENGL 1106
- ☐ _____

Pathway 2- Critical Thinking in the Humanities (6 credits)
3 credit hours must be from either:
PHIL 1304 Morality and Justice **or** PHIL 2304 Global Ethics

- ☐ _____
- ☐ _____

Pathway 3- Reasoning in the Social Sciences (6 credits)
ECON 2005-2006 Principles of Economics **or**
AAEC 1005-1006 Economics of the Food and Fiber System

- ☐ _____
- ☐ _____

Pathway 4- Reasoning in the Natural Sciences (6 credits)
No Labs are required

- ☐ _____
- ☐ _____

Pathway 5- Quantitative and Computational Thinking (9 credits)
MATH 1014 Precalculus with Transcendental Functions (5f), 3 additional credit hours from 5f, and SPIA 4464 Data and the Art of Policy-Making and Planning (5a)

- ☐ MATH 1014
- ☐ _____
- ☐ SPIA 4464

Pathway 6- Critique and Practice in the Design and Arts (6 credits)
3 credit hours in 6a and 3 credit hours in 6d

☐ _____
☐ _____

Pathway 7- Critical Analysis of Identity and Equity in the U.S. (3 credits)
SPIA 2554 Collaborative Policy-Making and Planning

☐ SPIA 2554

II.   PUA Core Degree Requirements (26 Credit Hours)

Required PUA Degree Core Courses (26 credit hours)

☐ UAP 1004   Intro to Careers in Urban Affairs and Planning (1)
☐ UAP 1024   Public Issues in an Urban Society (3)
☐ PSCI 1014   Introduction to US Government and Politics (3)
☐ STAT 3604   Statistics for Social Science (3) (pre: MATH 1004 or MATH 1025 or MATH 1225 or MATH 1524 or MATH 1525)

☐ SPIA 3554   Transdisciplinary Problem Solving for Social Issues (3)
☐ UAP 3714   The U.S. Policy Process (3) (cross-listed with PSCI 3714, pre: PSCI 1014)
☐ UAP 3744   Public Policy Analysis (3) (cross-listed with PSCI 3744, pre: PSCI 1014)
☐ UAP 4754   Legal Foundations of Planning (3) (pre: Junior Standing)
☐ UAP 4914   Seminar in Public and Urban Affairs (3) (pre: SPIA 2554, SPIA 3554, and UAP 4754)
☐ UH 4514   Honors SuperStudio (1)

III.   Requirements for the SSC Major (21 Credit Hours)

Required Core Courses for the SSC Major (12 credit hours)

☐ SPIA 2244   Sustainable Urbanization (3) (cross-listed with GEOG 2244)
☐ SPIA 2005   Introduction to Urban Analytics (1)
☐ SPIA 2006   Introduction to Urban Analytics (1)
☐ SPIA 2104   Urban Analytics for Decision-Making (1)
☐ UAP 3024   Urban and Regional Analysis (3)
☐ SPIA 4454   Future of Cities (3) (pre: SPIA 2244 or GEOG 2244)

Required Elective Courses for the SSC Major (9 credit hours)

Choose nine (9) credit hours from the elective courses listed below. All courses listed below are 3 credit hours.

☐ _____ (3)   ☐ _____ (3)   ☐ _____ (3)

Urban Policy and Decision-Making
UAP 3014   Urban Policy and Planning (pre: UAP 1024)
UAP 3264   Contemporary Urban Issues (pre: Junior Standing)
UAP 4344   Law of Critical Environmental Areas
UAP 4374   Land Use and Environment: Planning and Policy (pre: Junior Standing)
UAP 4394   Community Renewable Energy Systems (pre: MATH 1025 or MATH 1016)
UAP 4854   Planning the Urban Infrastructure (pre: UAP 4754)
UAP 4624   Washington Sem: Seminar in American Politics and Public Policy (cross-listed with PSCI 4624, pre: Junior Standing)
UAP 4644   Washington Sem: Politics, Policy, and Administration in a Democracy (cross-listed with PSCI 4644, pre: UAP 3714 and Junior Standing)
SPIA 4964   Field Study
SPIA 2314   Active Transportation for a Healthy, Sustainable Planet (cross-listed with HNFE 2314)
SPIA 3704   Urban Contention and Mobilization

HD 3024   Community Analytics (pre: Sophomore Standing)
PSCI 3424   State and Local Government (pre: PSCI 1014)
PSCI 3434   Urban Politics (pre: PSCI 1014)
UAP 4964   Field Study

GIS/Data
GEOG 2084   Principles of Geographic Information Systems
GEOG 4084   Modeling with GIS (cross-listed with GEOS 4084, pre: GEOG 2084 and Senior Standing)
CS 1064   Introduction to Programming in Python
LAR 3044   Land Analysis and Site Planning

Cities, Culture, and Place
LAR 2254   Social and Cultural Landscapes
LAR 3264   People, Community, and Place (pre: LAR 2254)
LAR 4034   Evolution of the American Landscape
FREC 2134   Plants and Greenspaces in Urban Communities (cross-listed with HORT 2134)
GEOG 3244   The U.S. City (pre. Junior Standing)
HIST 3156   History of American Cities

Economics
UAP 2004   Principles of Real Estate (cross-listed with REAL 2004)
ECON 3024   Economic Justice (pre: ECON 2005 or ECON 2025H), (ECON 2006 or 2026H))
ECON 4014   Environmental Economics (pre: ECON 2005 or 2116 or 2126 or 2025H)
AAEC 3324   Environment and Sustainable Development Economics (pre: AAEC 1005, AAEC 1006, or ECON 2005)

International
UAP 3954   Study Abroad
UAP 4764   International Development Policy and Planning (cross-listed with SOC 4764 & GEOG 4764, pre: Junior Standing)

IV.	**Free Electives (minimum of 28 credit hours)**

Free electives make up the remainder of the credits for the Smart and Sustainable Cities major. Take as many as needed to reach 120 credits.

☐ _____ (___CR)   ☐ _____ (___CR)   ☐ _____ (___CR)
☐ _____ (___CR)   ☐ _____ (___CR)   ☐ _____ (___CR)
☐ _____ (___CR)   ☐ _____ (___CR)   ☐ _____ (___CR)

University and Admissions Foreign Language Requirement (No Credits Count Toward the Degree)

☐ 2 years of a single foreign, classical, or sign language in high school.
   OR complete FL 1105-1106 (these credits will not count toward the 120 required for graduation).