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 2021-2022

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### 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 both overall and in-major GPA is required for graduation.

**Satisfactory Progress:** To make satisfactory progress within the SSC major, students must complete UAP 1024, PSCI 1014, 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, ENGL 1106, and 3 credit hours from 1a |  |

| Pathway 2- Critical Thinking in Humanities (6 credits) |  |
| 3 credit hours must be from either: |  |
| PHIL 1304 or PHIL 2304 |  |

| Pathway 3- Reasoning in the Social Sciences (6 credits) |  |
| Students must take: ECON 2005 and 2006 or AAEC 1005 and 1006 |  |

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

| Pathway 5- Quantitative and Computational Thinking (9 credits) |  |
| MATH 1014, 3 additional credits from 5f, and SPIA 4464 (covers 5a) |  |

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SSC Major  
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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)  
Students must take 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 the Social Sciences (3) [pre. MATH 1014 or MATH 1015]
- ☐ 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)
- ☐ UAP 4914  Seminar in Public and Urban Affairs (3) [pre. SPIA 2554, SPIA 3554, and UAP 4754]
- ☐ SPIA 2114  Public Service Leadership (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)

Nine (9) hours of elective courses are required.

- ☐ __________ (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 4644  Washington Sem: Politics, Policy, and Administration in a Democracy [cross-listed with PSCI 4644, pre. UAP 3714]
- UAP 4964  Field Study
- SPIA 4964  Field Study
- SPIA 2314  Active Transportation for a Healthy, Sustainable Planet [cross-listed with HNFE 2314]
- HD 3024  Community Analytics
- PSCI 3424  State and Local Government (pre. PSCI 1014)
- PSCI 3434  Urban Politics (pre. PSCI 1014)
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 (pre: LAR 1004)

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)
FREC 4454 Urban and Community Forestry (pre: Junior Standing)
GEOG 3244 US Cities (pre: Junior Standing)
HIST 3156 History of American Cities
RED 4464 Environmental and Sustainability Issues in Housing
SBIO 3324 Green Building Systems

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

International
PSCI 3344 Global Environmental Issues (cross-listed with UAP 3344)
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 Environmental Policy and Planning 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).