

BSc in Smart & Sustainable Cities Curriculum (Total Credit Hours: 126)

| YEAR | CREDITS | Fall Semester | | Spring Semester | | Total Credits | |
|------------------|---------|---------------|--|---|--|--|-------|
| | | CREDITS | CODE | CREDITS | CODE | | |
| FRESHMAN | 14cr | 4-0-4 | MATH 101 Calculus I | 3-3-4 | PHYS101 General Physics I | 2-0-2 | |
| | 16cr | 4-0-4 | MATH 102 Calculus II | 3-3-4 | PHYS102 General Physics II | 2-0-2 | |
| SOPHOMORE | 17cr | 0-6-3 | SSC 200 Visual Communication for Urban Planners | 3-0-3 | SSC 201 Introduction to Smart & Sustainable Cities | 1-4-3 | |
| | 15cr | 3-0-3 | SSC 203 Humanizing the Smart City | 3-0-3 | SSC 202 Sustainable Urbanization | 2-2-3 | |
| JUNIOR | 17cr | 1-4-3 | SSC 304 City Design I: Spatial Analysis | 3-0-3 | SSC 331 Sustainable Infrastructure Systems | 2-2-3 | |
| | 16cr | 1-4-3 | SSC 305 City Design II: Urban Form and Formation | 3-0-3 | SSC 321 Circular Economy | 3-0-3 | |
| SENIOR | 15cr | 1-4-3 | SSC 406 City Design III: Digital Urban Twin | 3-0-3 | ICS 474 Big Data Analytics | 3-0-3 | |
| | 15cr | 0-6-3 | SSC 407 Senior Design Project | 3-0-3 | SSC 433 Smart Mobility | 3-0-3 | |
| | | | | SSC 422 Management of Smart Cities & Governance | 3-0-3 | SSC 434 Digital Transformation of Cities | 3-0-3 |
| | | | | | | SSC 399 Summer Training | 0-0-1 |
| | | | | | | SSC xxx SSC Elective I | 3-0-3 |
| | | | | | | SSC xxx SSC Elective II | 3-0-3 |
| | | | | | | Technical Elective I | 3-0-3 |
| | | | | | | Technical Elective II | 3-0-3 |