MINOR IN SUSTAINABLE CITIES

Planning for cities and urban regions brings together concepts that involve almost every major at Georgia Tech. From climate to the economy, from health to social justice, and from infrastructure to technology, a holistic, sustainable approach is needed to solve the complex problems facing cities and regions.

The School of City and Regional Planning offers a minor in Sustainable Cities that emphasizes sustainability in the context of the urban and regional built environment. It provides students with a deep learning experience that incorporates classroom learning and practical knowledge of the ways in which cities and regions can grow and thrive as they become more sustainable, just, and resilient.

Program of study

The minor includes (1) three credits of required coursework, (2) one additional three-credit course from a list of key-content courses, (3) one additional three-credit elective from a list of courses offered by the School of City and Regional Planning, (4) one additional 3-credit elective selected from a list of courses offered in related academic disciplines, and (5) one additional 3-credit elective drawn from the courses on any of the lists.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 2233</td>
<td>Sustainable Urban Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select three hours from the following key-content courses:</td>
<td>3</td>
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<tr>
<td>CP 4020</td>
<td>Introduction to Urban and Regional Planning</td>
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<tr>
<td>CP 4052</td>
<td>Sustainable Cities Studio</td>
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<tr>
<td>CP 4510</td>
<td>Fundamentals of Geographic Information Systems</td>
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<tr>
<td>CP 4813</td>
<td>Special Topics (World Cities)</td>
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<td>Select three hours from the following list of City Planning courses:</td>
<td>3</td>
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<tr>
<td>CP 4010</td>
<td>Foundations of Urban and Regional Development</td>
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<tr>
<td>CP 4020</td>
<td>Introduction to Urban and Regional Planning</td>
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<tr>
<td>CP 4052</td>
<td>Sustainable Cities Studio</td>
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<tr>
<td>CP 4105</td>
<td>Land Conservation</td>
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<tr>
<td>CP 4190</td>
<td>Introduction to Climate Change Planning</td>
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<tr>
<td>CP 4210</td>
<td>Environmental Planning and Impact Assessment</td>
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<tr>
<td>CP 4310</td>
<td>Urban Transportation and Planning</td>
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</tr>
<tr>
<td>CP 4510</td>
<td>Fundamentals of Geographic Information Systems</td>
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<tr>
<td>CP 6112</td>
<td>Introduction to Land Use Planning</td>
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<tr>
<td>CP 6223</td>
<td>Policy Tools for Environmental Management</td>
<td></td>
</tr>
<tr>
<td>CP 6442</td>
<td>Equity, Social Justice, and Economic Development</td>
<td></td>
</tr>
<tr>
<td>CP 6612</td>
<td>Community Development</td>
<td></td>
</tr>
<tr>
<td>CP 6630</td>
<td>Government and Housing Markets</td>
<td></td>
</tr>
<tr>
<td>CP 6680</td>
<td>Citizen Participation and Community Engagement</td>
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</tbody>
</table>

Select three hours from the following list of courses in related academic disciplines:

- SLS 3120 Foundations of Sustainable Systems
- SLS 3110 Technology and Sustainable Community Development
- MGT 4803 Special Topics in Industrial Management (Business Decisions for Shared Value)
- MGT 4803 Special Topics in Industrial Management (Social Impact: In-depth Exploration and Design)
- BIOS 2300 Ecology
- BIOS 2301 Ecology Laboratory
- EAS 4803 Special Topics (Extreme Atlanta: Climate Change in Urban Spaces)
- PUBP 3315 Environmental Policy and Politics
- PUBP 3350 Energy Policy
- PUBP 3320 Climate Policy
- PUBP 3600 Sustainability, Technology, and Policy
- HTS 2803 Special Topics (Semester in the City)
- HTS 3012 Urban Sociology
- HTS 3011 The City in American History
- HTS 3005 American Environmental History
- LMC 2350 Introduction to Social Justice
- LMC 3308 Environmentalism and Ecocriticism
- CS/INTA 4745 Information and Communication Technologies and Global Development
- CS/INTA 6745 Information and Communication Technologies and Global Development
- CEE 4610 Multimodal Transportation Planning, Design, and Operations
- CEE 4803 Special Topics (Smart and Sustainable Cities)
- ISYE 4501 Energy, Efficiency, and Sustainability
- ARCH 4151 History of Urban Form
- ARCH 4227 Architecture and Ecology
- INTA 2050 Intro to Global Development
- INTA 3232 Sustainable Megaregion
- INTA 3040 Energy, Environment, and Policy
- INTA 4744 Global Development Capstone
- Modern Languages courses
- VIP courses
- Study Abroad options

Total Credit Hours 15

1 The lists of courses shown above are not exhaustive. With permission of the Chair of the School of City and Regional Planning students may substitute one course with substantial Sustainable Cities content that is not on the above lists. All courses previously approved by the Chair will be included on an updated list of Chair Approved Courses available from the website of the School of City and Regional Planning.

2 See list of approved Modern Languages courses posted on the School of City and Regional Planning website.

3 VIP 2601, VIP 3601, VIP 3602, VIP 4601, VIP 4602, VIP 4603, VIP 4983-VV4 Bee Snap
Minor in Sustainable Cities

VIP 2601, VIP 3601, VIP 3602, VIP 4601, VIP 4602, VIP 4603, VIP 4983-
VVS Engineering for Social Innovation
VIP 2601, VIP 3601, VIP 3602, VIP 4601, VIP 4602, VIP 4603, VIP 4983-
VVS HumaniTech

Study Abroad in Japan: Summer Program in Sustainable Development
or Study Abroad in Italy: Sustainable Development & Climate Change
(courses may also be taken on campus in Atlanta)

- A maximum of 3 credit hours of transfer credit may be used to satisfy
  the course requirements for a minor. This includes courses taken at
  another institution or credit earned through the AP or IB program,
  assuming the scores meet Georgia Tech minimum standards.
- All courses counting toward the minor must be taken on a letter-
  grade basis and must be completed with a grade of C (2.00) or better.
- It is the responsibility of the student and major advisor to verify that
  any courses a student wishes to count toward both a major and a
  minor meet all the Georgia Tech and major School requirements. For
  Georgia Tech minor requirements see the Catalog entry describing
  requirements for any minor (http://www.catalog.gatech.edu/
  academics/minors/).