# City & Regional Planning

## Preparatory Subject Matter Requirements

<table>
<thead>
<tr>
<th>Preparatory Subject Matter</th>
<th>Quarter(s) Offered</th>
<th>Units</th>
<th>Completed</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Written and Oral Expression</strong></td>
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<tr>
<td>UWP 101, 102A-G, 104A-E</td>
<td>I, II, III, IV</td>
<td>4</td>
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<td>May test out of requirement</td>
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<tr>
<td>CMN 1, 3, or DRA 10</td>
<td>I, II, III, IV</td>
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<tr>
<td><strong>Biological/Physical Science (complete all)</strong></td>
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<tr>
<td>BIS 2A or BIS 10 or 10V</td>
<td>I, II, III, IV</td>
<td>4-5</td>
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<tr>
<td>CHE 2A or CHE 10</td>
<td>I, II, IV</td>
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<tr>
<td>PHY 1A</td>
<td>I, IV</td>
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<tr>
<td><strong>Biological/Physical Science (select one)</strong></td>
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<tr>
<td>BIS 2B</td>
<td>I, II, III, IV</td>
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<tr>
<td>CHE 2B</td>
<td>II, III, IV</td>
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<tr>
<td>PHY 1B</td>
<td>I</td>
<td>3</td>
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<tr>
<td><strong>Computer Science (select one)</strong></td>
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<tr>
<td>PLS 21</td>
<td>I, II, III</td>
<td>3</td>
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<tr>
<td>SAS 18</td>
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<td>3</td>
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<tr>
<td><strong>Economics</strong></td>
<td></td>
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<tr>
<td>ECN 1A</td>
<td>I, II, III, IV</td>
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<tr>
<td>ECN 1B</td>
<td>I, II, III, IV</td>
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<tr>
<td><strong>Environmental Science (select one)</strong></td>
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<tr>
<td>ANS 1</td>
<td>I</td>
<td>4</td>
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<tr>
<td>ATM 60</td>
<td>I, II, III</td>
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<td>GEL 1</td>
<td>I, II, III</td>
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<td>PLS 12</td>
<td>I, II, III</td>
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<tr>
<td>WFC 11*</td>
<td>III</td>
<td>3</td>
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<tr>
<td><strong>Environmental Studies</strong></td>
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<tr>
<td>ESP 1</td>
<td>I</td>
<td>4</td>
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<tr>
<td><strong>Mathematics</strong></td>
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<tr>
<td>MAT 16A, 17A, or 21A</td>
<td>I, II, III, IV</td>
<td>3-4</td>
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<tr>
<td>MAT 16B, 17B, or 21B</td>
<td>I, II, III, IV</td>
<td>3-4</td>
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<tr>
<td><strong>Political Science</strong></td>
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<tr>
<td>POL 1</td>
<td>I, II, III</td>
<td>4</td>
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<tr>
<td><strong>Statistics (select one)</strong></td>
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<tr>
<td>STA 13</td>
<td>I, II, III, IV</td>
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<tr>
<td>STA 32</td>
<td>II, III</td>
<td>3</td>
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</tbody>
</table>

I = fall quarter, II = winter quarter, III = spring quarter, IV = summer session

*Course is offered in odd years only (2015, 2017, etc.)

**Course is offered in even years only (2016, 2018, etc.)
# Depth Subject Matter Requirements

NOTE: Students graduating with this major are required to attain at least a C average (2.0 GPA) in all courses taken at the university in Depth Subject Matter and pass all coursework. See requirements of the College of Agriculture & Environmental Science in the UC Davis General Catalog.

<table>
<thead>
<tr>
<th>Depth Subject Matter</th>
<th>Prerequisites</th>
<th>Qtr(s)</th>
<th>Units</th>
<th>Completed</th>
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<tbody>
<tr>
<td><strong>Evaluation and Analysis</strong></td>
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<tr>
<td>ESP 110 Principles of Environmental Science</td>
<td>PHY 1A or 7A; MAT 16B, 17B, or 21B; BIS 2A</td>
<td>II</td>
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<tr>
<td>ESP 160 The Policy Process</td>
<td>POL 1; ECN 1A; intermediate statistics</td>
<td>III</td>
<td>4</td>
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<tr>
<td>ESP 168A Methods of Environmental Policy Evaluation</td>
<td>STA 13; ECN 100 or ARE 100A; MAT 16B or 21B; ESP 1</td>
<td>I</td>
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<tr>
<td>ESP 168B Methods of Environmental Policy Analysis</td>
<td>ESP 168A</td>
<td>III</td>
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<tr>
<td><strong>Environmental Law</strong></td>
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<tr>
<td>ESP 161 Environmental Law</td>
<td>Upper division standing and one course in env science; POL 1 and UWP 1 recommended</td>
<td>III</td>
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<tr>
<td><strong>Environmental Impact Assessment</strong></td>
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<tr>
<td>ESP 179 Environmental Impact Assessment</td>
<td>Upper division standing and one course in env science</td>
<td>II</td>
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<tr>
<td><strong>Research Design</strong></td>
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<tr>
<td>ESP 178 Applied Research Methods</td>
<td>STA 103, SOC 106, or the equivalent</td>
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<td><strong>Select one Quantitative Methods Course</strong></td>
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<tr>
<td>ARE 106 Quantitative Methods in Agricultural Econ</td>
<td>ARE 100A; STA 103</td>
<td>I, II, III, IV</td>
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<tr>
<td>SOC 106 Intermediate Social Statistics</td>
<td>SOC 45B, STA 13, or the equivalent</td>
<td>I, II</td>
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<tr>
<td>STA 100 Applied Statistics for Biological Sciences</td>
<td>MAT 16A or the equivalent</td>
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<tr>
<td>STA 103 Applied Statistics for Business &amp; Economics</td>
<td>STA 13, 32, 100, or 102; MAT 16A-B</td>
<td>I, II, III, IV</td>
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<tr>
<td>STA 108 Applied Stat Methods: Regression Analysis</td>
<td>STA 13, 21, 100, or 102</td>
<td>I, II, III, IV</td>
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<td><strong>Select one Microeconomics Course</strong></td>
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<td>ARE 100A Intermediate Microeconomics</td>
<td>ECN 1A-B; MAT 16B</td>
<td>I, II, III, IV</td>
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<tr>
<td>ECN 100 Intermediate Micro Theory</td>
<td>ECN 1A-B; MAT 16A-B or 21A-B</td>
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<td><strong>Select one resource economics course</strong></td>
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<td>ARE/ESP 175 Natural Resource Economics</td>
<td>ARE 100B, ECN 100, or the equivalent</td>
<td>III</td>
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<tr>
<td>ARE 176 Environmental Economics</td>
<td>ARE 100B or ECN 100</td>
<td>II</td>
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<tr>
<td>ECN 125 Energy Economics</td>
<td>ECN 1A-B, MAT 16A-B and ECN 102 or consent of instructor</td>
<td>I, II, III</td>
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<tr>
<td><strong>Geospatial Information Systems (GIS)</strong></td>
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<tr>
<td>ABT/LDA 150 Introduction to GIS</td>
<td>PLS 21 or equivalent with consent of instructor</td>
<td>I, III</td>
<td>4</td>
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<tr>
<td><strong>Select one advanced GIS or remote sensing course</strong></td>
<td><img src="#" alt="List of courses" /></td>
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<tr>
<td>ABT 181N* Concepts &amp; Methods in GIS</td>
<td>LDA 150 or LDA 50 or consent of instructor</td>
<td>II</td>
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<tr>
<td>ABT/HYD 182** Environmental Analysis with GIS</td>
<td>LDA 150 or equiv GIS exp, bio and/or ecology courses rec.</td>
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<tr>
<td>ESM 186 Environmental Remote Sensing</td>
<td>MAT 16B; PHY 7C or 9B; or consent of instructor</td>
<td>II</td>
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<tr>
<td>ESM 185 Aerial Photo Interpretation &amp; Rmt Sensing</td>
<td>Upper division standing</td>
<td>I</td>
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</tbody>
</table>

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**Course is offered in even years only (2016, 2018, etc.)
# City and Regional Planning

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Prerequisites</th>
<th>Qtr(s)</th>
<th>Units</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: The same course cannot be used to meet both a depth requirement and a track requirement at the same time.</td>
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## Complete

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisites</th>
<th>Qtr(s)</th>
<th>Units</th>
<th>Completed</th>
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<tbody>
<tr>
<td>ESP 171</td>
<td>Urban &amp; Regional Planning</td>
<td>ESP 1</td>
<td>III</td>
<td>4</td>
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<tr>
<td>ESP 172</td>
<td>Public Lands Management</td>
<td>ECN 1A</td>
<td>I</td>
<td>4</td>
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## Select one transportation planning course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisites</th>
<th>Qtr(s)</th>
<th>Units</th>
<th>Completed</th>
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<tbody>
<tr>
<td>ECI 162</td>
<td>Transportation Land Use Sustainable Design</td>
<td>ECI 161 or 163</td>
<td>III</td>
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<tr>
<td>ECI 165*</td>
<td>Transportation Policy</td>
<td>ECN 1A and ENG 106 recommended</td>
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<tr>
<td>ESP/ECI 163**</td>
<td>Energy &amp; Env Aspects of Transportation</td>
<td>ECN 1A</td>
<td>I</td>
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## Select one urban politics and community development course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisites</th>
<th>Qtr(s)</th>
<th>Units</th>
<th>Completed</th>
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<tbody>
<tr>
<td>AHI 168†</td>
<td>Great Cities</td>
<td>None</td>
<td>II</td>
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<tr>
<td>CRD 149*</td>
<td>Community Development Perspectives on Environmental Justice</td>
<td>Social science research methods course</td>
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<tr>
<td>CRD 152</td>
<td>Community Development</td>
<td>CRD 1 or 151; SOC 2, ANT 2, ASA 100, CHI 132, or AAS 101 rec</td>
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<tr>
<td>CRD 156</td>
<td>Community Economic Development</td>
<td>PLS 21 or ECS 15; CRD152 or consent of instructor</td>
<td>II</td>
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<td>CRD 171</td>
<td>Housing and Social Policy</td>
<td>Upper division standing</td>
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<td>ESP 173</td>
<td>Land Use &amp; Growth Controls</td>
<td>Sustainable Cities of Northern Europe Summer Abroad Course</td>
<td>IV</td>
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<tr>
<td>ETX 110</td>
<td>Toxic Tragedies &amp; Their Impact on Society</td>
<td>BIS 10 or equivalent or consent of instructor</td>
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<tr>
<td>POL 100†</td>
<td>Local Government and Politics</td>
<td>POL 1 and upper division standing or consent of instructor</td>
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†Course is offered irregularly, check with department for information about availability.

*Course is offered in odd years only (2015, 2017, etc.)

**Course is offered in even years only (2016, 2018, etc.)