

**REQUIREMENTS FOR THE BACHELOR OF ARTS/MASTER OF REGIONAL & CITY PLANNING**  
**COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES**  
**THE UNIVERSITY OF OKLAHOMA**

| Academic Year  |
|--|
| For Students Entering the Oklahoma State System for Higher Education<br><b>Summer 2024 through Spring 2025</b> |

| General Requirements                                      |             |
|---|-------------|
| Minimum Total Credit Hours .....                          | <b>149</b>  |
| Minimum Upper-Division Hours .....                        | <b>40</b>   |
| <b>Minimum Retention/Graduation Grade Point Averages:</b> |             |
| Overall - Combined and OU .....                           | <b>3.00</b> |
| Major - Combined and OU .....                             | <b>3.00</b> |

| Program  |
|--|
| <b>Geographic Information Science</b>                  |
| <b>A450/F817 Q272</b>                                  |
| Bachelor of Arts/Master of<br>Regional & City Planning |

OU encourages students to complete at least 30 hours of applicable coursework each year to have the opportunity to graduate in 5 years.

**GENERAL EDUCATION AND COLLEGE REQUIREMENTS**

Courses for fulfillment of General Education and college requirements must be from the approved General Education course lists at <http://www.ou.edu/content/gened/courses.html>. **Courses graded P/NP will not apply.**

**UNIVERSITY-WIDE GENERAL EDUCATION (MINIMUM 40 HOURS) AND COLLEGE REQUIREMENTS**

At least three hours of Upper-Division General Education coursework must be completed **outside the major**.

| Code   | Title                              | Credit Hours |
|--|------------------------------------|--------------|
| <b>Core Area I: Symbolic and Oral Communication</b>  |                                    |              |
| <i>English Composition (6 hours)</i>   |                                    |              |
| ENGL 1113  | Principles of English Composition  | 3            |
| ENGL 1213  | Principles of English Composition  | 3            |
| or EXPO 1213   | Expository Writing                 |              |
| <i>Language (0-10 hours)</i>   |                                    |              |
| (0-10 hours) Students who have not completed two years of the same language in high school are required to take two college courses in the same language |                                    |              |
| Beginning Course   |                                    | 0-5          |
| Beginning Course, continued  |                                    | 0-5          |
| <i>Mathematics (3 hours)</i>   |                                    |              |
| Choose one course from the General Education Mathematics list  |                                    |              |
| <b>Core Area II: Natural Science (7 hours, 2 courses)</b>  |                                    |              |
| Choose two courses including one laboratory component  |                                    |              |
| <b>Core Area III: Social Science (6 hours)</b>   |                                    |              |
| P SC 1113  | American Federal Government        | 3            |
| Choose one course from the General Education Social Science list   |                                    |              |
| <b>Core Area IV: Arts and Humanities</b>   |                                    |              |
| <i>Artistic Forms (3 hours)</i>  |                                    |              |
| Choose one course from the General Education Artistic Forms list   |                                    |              |
| <i>Western Culture (3 hours)</i>   |                                    |              |
| HIST 1483  | United States to 1865              | 3            |
| or HIST 1493   | United States, 1865 to the Present |              |
| Choose one course from the General Education Western Culture list (excluding HIST 1483 & 1493)   |                                    |              |
| <i>World Culture (3 hours)</i>   |                                    |              |
| Choose one course from the General Education World Culture list  |                                    |              |
| <b>Core Area V: First Year Experience (3 hours)</b>  |                                    |              |
| Choose one course  |                                    |              |
| <b>Total Credit Hours</b>  |                                    | <b>37-47</b> |

**ADDITIONAL COLLEGE B.A. REQUIREMENTS**

| Code  | Title | Credit Hours |
|---|-------|--------------|
| <b>Humanities and Social Science Electives (3 hours must be Upper-Division)</b> |       |              |
| Choose one course from Arts & Humanities Gen Ed lists                           |       |              |
| Choose one course from the Social Science Gen Ed list                           |       |              |
| <b>Natural Science Elective</b>   |       |              |
| Choose one Gen Ed-approved course with or without a laboratory component        |       |              |
| <b>Language</b>   |       |              |
| Choose one course at the intermediate level <sup>2</sup>                        |       |              |
| <b>Total Credit Hours</b>   |       | <b>12-13</b> |

<sup>1</sup> If the student successfully places beyond the second intermediate course, the 13 hours of required language will become free electives.

**FREE ELECTIVES**

Electives to bring total applicable hours to the minimum total required for the degree.

**UNDERGRADUATE REQUIREMENTS**

**MAJOR REQUIREMENTS**

| Code                          | Title  | Credit Hours |
|-------------------------------|--|--------------|
| <b>Core</b>                   |  |              |
| GIS 2023                      | Introduction to Spatial Thinking and Computer Mapping              | 3            |
| GEOG 1113                     | The Language of Maps   | 3            |
| GEOG 1123                     | Introduction to Geohumanities                                      | 3            |
| GEOG 3773                     | Geography of the United States                                     | 3            |
| GIS 5013                      | Fundamentals of Geographic Information Systems <sup>1</sup>        | 3            |
| GIS 4253                      | GIS Applications   | 3            |
| GEOG 4893                     | Research and Professional Development                              | 3            |
| GEOG 4953                     | Capstone   | 3            |
| <b>Remote Sensing</b>         |  |              |
| Choose two of the following:  |  |              |
| GIS 4133                      | Fundamentals of Remote Sensing                                     | 6            |
| GIS 4233                      | Digital Image Processing   |              |
| GIS 4970                      | Special Topics/Seminar (Remote Sensing)                            |              |
| Advisor-approved elective     |  |              |
| <b>Statistics</b>             |  |              |
| GEOG 3924                     |  | 4            |
| GEOG 4313                     | Interpreting Society and Environment: Qualitative Research Methods | 3            |
| <b>Computer-Related</b>       |  |              |
| Choose one of the following:  |  |              |
| C S 1313                      | Programming for Non-Majors with C                                  | 3            |
| METR 1313                     | Introduction to Programming for Meteorology                        |              |
| MIS 2113                      | Computer-Based Information Systems                                 |              |
| MIS 3013                      | Introduction to Programming  |              |
| <b>Applied GIS</b>            |  |              |
| Choose one of the following:  |  |              |
| RCPL 4463                     | Geographic Information Systems for Land Use Planning               | 3            |
| Other advisor-approved course |  |              |
| <b>Total Credit Hours</b>     |  | <b>43</b>    |

<sup>1</sup> GIS 5013 counts towards both the undergraduate and graduate degrees.

**MAJOR SUPPORT REQUIREMENTS**

• Courses required for major support may *not* also fulfill University-Wide General Education Requirements.

| Code  | Title | Credit Hours |
|---|-------|--------------|
| <b>Advisor-Approved Electives</b>   |       |              |
| Choose two advisor-approved courses relevant to the student's field(s) of study |       |              |
| <b>Total Credit Hours</b>   |       | <b>6</b>     |

**SHARED HOURS**

| Code                      | Title   | Credit Hours |
|---------------------------|---|--------------|
| RCPL 5013                 | History and Theory of Urban Planning <sup>1</sup> | 3            |
| RCPL 5063                 | Planning with Diverse Communities <sup>1</sup>    | 3            |
| RCPL 5203                 | Urban Land Use Controls <sup>1</sup>              | 3            |
| RCPL 5173                 | Urban and Regional Analysis <sup>1</sup>          | 3            |
| <b>Total Credit Hours</b> |   | <b>12</b>    |

<sup>1</sup> These 12 hours of Graduate Credit, and GIS 5013 in the major core, count towards both the undergraduate and graduate degrees.

**MRCP COMPONENT**

| <b>Code</b>                  | <b>Title</b>   | <b>Credit Hours</b> |
|------------------------------|--|---------------------|
| RCPL 5113                    | Urban Planning Research Methods  | 3                   |
| Choose one of the following: |  | 5                   |
| RCPL 5525                    | Comprehensive Regional And City Planning Project   |                     |
| RCPL 5522<br>& RCPL 5523     | Comprehensive RCPL Project: Reporting and Implementation<br>and Comprehensive RCPL Project: Research and Plan Making |                     |
| Program Electives            |  | 21                  |
| <b>Total Credit Hours</b>    |  | <b>29</b>           |

More information in the catalog: (<http://ou-public.courseleaf.com/atmospheric-geographic-sciences/geography-environmental-sustainability/geographic-information-science-bachelor-arts-master-regional-city-planning/>).

## INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS FOR UNDERGRADUATE DEGREES

**Total Hours:** A minimum of 120 semester hours acceptable toward graduation must be completed.

**Upper-Division Hours:** A minimum of 40 upper- division semester hours acceptable toward graduation must be completed. OU courses numbered 3000 or above are upper- division. Transfer work is counted as lower-division or upper-division credit depending on the level at which it was offered at the institution where it was earned. Two-year college work is accepted only as lower-division credit.

**Senior Institution Hours:** A minimum of 60 semester hours applied toward graduation must be earned at senior (4-year) institutions.

**Residency:**

- A minimum of two semesters must be spent in residence in the College of Atmospheric and Geographic Sciences.
- At least 36 of the last 48 hours must be completed in residence at OU.

**Individual Studies:** No more than six hours of independent study or directed readings may be applied toward degree requirements.

**Grade Point Averages:** Students must earn a minimum overall 3.00 for each of the following: Combined Retention GPA (all college grades), OU Retention GPA, GPA for all major courses, and GPA for all major courses taken at OU.

### SUGGESTED SEMESTER PLAN OF STUDY

This plan shows one possible grouping of courses that would allow students to graduate in four years. Please refer to the front of the degree checklist for official requirements. Students must consult with College of Atmospheric and Geographic Sciences and/or Department of Geography academic advisors to verify that courses selected each semester fulfill the recommended plan and satisfy university, College of Atmospheric & Geographic Sciences, and Environmental Sustainability major requirements.

| Year                | FIRST SEMESTER                        |  | Hours               | SECOND SEMESTER           |  | Hours     |
|---------------------|---------------------------------------|--|---------------------|---------------------------|--|-----------|
| FRESHMAN            | ENGL 1113                             | Principles of English Composition ( Core I )                             | 3                   | ENGL 1213 or<br>EXPO 1213 | Principles of English Composition ( Core I ) or Expository Writing | 3         |
|                     |                                       | Beginning Language (Core I)  | 5                   |                           | Beginning Language continued (Core I)                              | 5         |
|                     |                                       | First Year Experience (Core V)   | 3                   | GEOG 1113                 | The Language of Maps   | 3         |
|                     |                                       | General Education Mathematics course (Core I) <sup>1</sup>               | 3                   | GEOG 1123                 | Introduction to Geohumanities                                      | 3         |
|                     | <b>CREDIT HOURS</b>                   |  | <b>14</b>           | <b>CREDIT HOURS</b>       |  | <b>14</b> |
| SOPHOMORE           | GIS 2023                              | Introduction to Spatial Thinking and Computer Mapping                    | 3                   |                           | General Education Social Science elective <sup>1</sup>             | 3         |
|                     |                                       | Intermediate Language  | 3                   |                           | General Education Natural Science (Core II) <sup>1</sup>           | 3         |
|                     | HIST 1483 or<br>HIST 1493             | United States to 1865 ( Core IV ) or United States, 1865 to the Present  | 3                   |                           | General Education Western Culture (Core IV) <sup>1</sup>           | 3         |
|                     |                                       | General Education Natural Science with Laboratory (Core II) <sup>1</sup> | 4                   |                           | General Education Artistic Forms (Core IV) <sup>1</sup>            | 3         |
|                     |                                       | General Education Arts & Humanities elective <sup>1</sup>                | 3                   |                           | Social Science (Core III) <sup>1</sup>                             | 3         |
| <b>CREDIT HOURS</b> |                                       | <b>16</b>  | <b>CREDIT HOURS</b> |                           | <b>15</b>  |           |
| JUNIOR              | GEOG 3924                             |  | 4                   | GEOG 3773                 | Geography of the United States                                     | 3         |
|                     | GIS 5013                              | Fundamentals of Geographic Information Systems <sup>2</sup>              | 3                   | GIS 4253                  | GIS Applications   | 3         |
|                     |                                       | Computer-related course  | 3                   | RCPL 5203                 | Urban Land Use Controls <sup>2</sup>                               | 3         |
|                     |                                       | Remote Sensing course  | 3                   | P SC 1113                 | American Federal Government ( Core III )                           | 3         |
|                     |                                       | General Education World Culture (Core IV) <sup>1</sup>                   | 3                   |                           | Remote Sensing course  | 3         |
| <b>CREDIT HOURS</b> |                                       | <b>16</b>  | <b>CREDIT HOURS</b> |                           | <b>15</b>  |           |
| SENIOR              | GEOG 4313                             | Interpreting Society and Environment: Qualitative Research Methods       | 3                   | GEOG 4953                 | Capstone   | 3         |
|                     | GEOG 4893                             | Research and Professional Development                                    | 3                   | RCPL 5173                 | Urban and Regional Analysis <sup>2</sup>                           | 3         |
|                     | RCPL 4463                             | Geographic Information Systems for Land Use Planning                     | 3                   |                           | Graduate Elective  | 3         |
|                     | RCPL 5013                             | History and Theory of Urban Planning <sup>2</sup>                        | 3                   |                           | College Elective <sup>3</sup>                                      | 3         |
|                     | RCPL 5113                             | Urban Planning Research Methods  | 3                   |                           | College Elective <sup>3</sup>                                      | 3         |
|                     | Natural Science Elective <sup>1</sup> | 3  |                     |                           |  |           |
| <b>CREDIT HOURS</b> |                                       | <b>18</b>  | <b>CREDIT HOURS</b> |                           | <b>15</b>  |           |
| FIFTH YEAR          |                                       | Choose one of the following:   | 3-5                 | RCPL 5063                 | Planning with Diverse Communities                                  | 3         |
|                     | RCPL 5525                             | Comprehensive Regional And City Planning Project                         |                     |                           | Graduate Elective  | 3         |
|                     | RCPL 5523                             | Comprehensive RCPL Project: Research and Plan Making <sup>4</sup>        |                     |                           | Graduate Elective  | 3         |
|                     |                                       | Graduate Elective  | 3                   |                           | Graduate Elective  | 3         |
|                     |                                       | Graduate Elective  | 3                   |                           | Choose the following if RCPL 5523 taken in Fall:                   | 0-2       |
|                     |                                       | Graduate Elective  | 3                   | RCPL 5522                 | Comprehensive RCPL Project: Reporting and Implementation           |           |
| <b>CREDIT HOURS</b> |                                       | <b>14</b>  | <b>CREDIT HOURS</b> |                           | <b>12</b>  |           |

<sup>1</sup> To be chosen from the University-Wide General Education Approved Course List. Three hours of general education must be upper-division outside the major.

<sup>2</sup> These courses are shared between the undergraduate and graduate degrees.

<sup>3</sup> Six hours of advisor-approved coursework relevant to the student's field(s) of study.

<sup>4</sup> In addition to taking RCPL 5522 in the Spring.