

## NM Certified GIS Specialist Requirements Checklist

The NM **EDGE** (Education Designed to Generate Excellence in the public sector)  
 A Program of NM Cooperative Extension Service

### NM Certified GIS Specialist Curriculum Checklist

Successful completion of the following **29 classes** & the culminating experience is required to earn a NM Certified GIS Specialist designation (**NMCGISS**).

For further information contact [nmedge@nmsu.edu](mailto:nmedge@nmsu.edu) or go to [nmedge.nmsu.edu](http://nmedge.nmsu.edu)

**2025**

<b>Classes</b>	Each class is three hours of classroom instruction.	<b>In-Person/Online Honing Offered</b>
<b>GIS Required Classes</b>	Take each of the following 13 GIS classes	<b>13 classes required</b>
GIS 101- Core-Geography: The Origins of the GIS Profession		January
GIS 102- Vector Data Input (Lab)		TBD
GIS 104- Understanding Coordinate Systems & Projections		January
GIS 121- The Ethical Use of GIS		March
GIS 155- GIS Presentation Skills		September
GIS 162- Integrating and Manipulating Data Sets (Lab)		TBD
GIS 166- GPS in the Field		March
GIS 202- Vector Input Practicum (Lab)		TBD
GIS 203- Basic Topology (pre-req. GIS 102) (Lab)		TBD
GIS 262- Organizing GIS Data (pre-req. GIS 102 & GIS 202)		September
GIS 265 A- Using Technology to Improve Your Organization Part I (Take 265 A&B same day)		June
GIS 265 B- Using Technology to Improve Organization Part II (pre-req. GIS 265 A)		June
GIS 161- Making the Most of the Web for GIS		September
<b>CORE Required Classes</b>	Take each of the following	<b>10 classes required</b>
CPM 123- Managing Organizational Change		January/June
CPM 131- General HR Law		March, September
CPM 139- Creating an Ethical Culture		January, June
CPM 144- Risk Management		March, September
CPM 151- Foundations for Communications		January, June
CPM 152- Conflict Resolution		January, September
CPM 154- Effective Meetings by Design		March, September
CPM 156- Improving Writing Skills		June, September
CPM 157- Creating a Service-Oriented Culture		January, June
CPM 222- Project Management		January/September
<b>GIS Elective Classes –</b>	Take 2 classes from this list of GIS classes	<b>2 classes required</b>
GIS 167- MSAG Maintenance		March
GIS 204- Remote Sensing		June
GIS 263 A- URISA Part I		TBD
GIS 263 B- URISA Part II (pre-req. GIS 263 A)		TBD
GIS 266- Imagery Interpretation (pre-req. GIS 204)		September
<b>Elective Classes- Section II</b>	Choose 5 classes from among any prefixes including GIS	<b>4 classes required</b>
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<b>Elective Classes Recommended by Curriculum Committee</b>	
AO 115- Mapping Procedures & Requirements	<b>March</b>
CL 106- Census & Redistricting	<b>March</b>
CL 111- Property & Understanding Maps & Plats	<b>January</b>
CPM 264 - GIS for non-GIS Users	<b>January</b>
CARE 111 A & B- Building Strong Intergovt. Relations in NM (2 classes same day)	<b>January</b>
PE 110 A & B- Ethics- Know the Law (2 classes same day)	<b>January, June</b>
<b>Don't Forget the Culminating Experience!</b>	
Once you have completed all required classes, please submit an audit request to be assigned an academic advisor for your culminating experience. <a href="https://nmedge.nmsu.edu/students/graduating.html">https://nmedge.nmsu.edu/students/graduating.html</a>	