

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 **28 classes** & the culminating experience is required to earn a NM Certified GIS Specialist designation (**NMCGISS**).

For further information contact nmedge@nmsu.edu or go to nmedge.nmsu.edu

January 1, 2015

Classes	Each class is comprised of three hours of classroom instruction.	Date Completed
GIS Required Classes	Take each of the following 12 GIS classes	12 classes required
GIS 101- Core-Geography: The Origins of the GIS Profession		
GIS 102- Vector Data Input (ABQ Lab)		
GIS 104- Understanding Coordinate Systems & Projections		
GIS 121- The Ethical Use of GIS		
GIS 155- GIS Presentation Skills (Lab)		
GIS 162- Integrating and Manipulating Data Sets (Lab)		
GIS 166- GPS in the Field (Excursion Lab)		
GIS 201- Metadata		
GIS 203- Basic Topology (pre-req. GIS 102) (ABQ Lab)		
GIS 262- Organizing GIS Data (pre-req. GIS 102 & GIS 202) (ABQ Lab)		
GIS 265 A- Using Technology to Improve Your Organization Part I (Take 265 A & B same day)		
GIS 265 B- Using Technology to Improve Organization Part II (pre-req. GIS 265 A)		
CPM Required Classes	Take each of the following 9 CPM classes	9 classes required
CPM 123- Managing Organizational Change		
CPM 131- General HR Law		
CPM 139- Creating an Ethical Culture		
CPM 144- Risk Management		
CPM 151- Foundations for Communications		
CPM 152- Conflict Resolution		
CPM 154- Effective Meetings by Design		
CPM 156- Improving Writing Skills		
CPM 157- Creating a Service-Oriented Culture		
GIS Elective Classes –	Take 2 classes from this list of 7 GIS classes	2 classes required
GIS 161- Making the Most of the Web for GIS		
GIS 167- MSAG Maintenance		
GIS 202- Vector Input Practicum (ABQ Lab)		
GIS 204- Remote Sensing (Lab)		
GIS 263 A- URISA Part I		
GIS 263 B- URISA Part II (pre-req. GIS 263 A)		
GIS 266- Imagery Interpretation (pre-req. GIS 204)		
Elective Classes- Section 2	Choose 5 classes from among any prefixes including GIS	5 classes required
1.		
2.		
3.		
4.		
5.		
Culminating Experience		
A GIS Focused Mini-Portfolio - Graded on 10 point scale		
Details Provided Upon Completion of Classes and Verifying Audit		

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Elective Classes Recommended by Curriculum Committee	
AO 115- Mapping Procedures & Requirements	
CL 106- Census & Redistricting	
CL 111- Property & Understanding Maps & Plats	
HS 112- Role of GIS in Agricultural Safety	
CPM 222- Project Management	
CPM 264- GIS for non-GIS Users	