

Course Structure

The M.Tech Geomatics is a two years (four semesters) program at CEPT University. The courses include studio, mandatory and elective subjects, followed by a Directed Research Proposal (DRP) at the fourth semester. The studio-based teaching and learning is the core part of the program and carries a major chunk of academic credits in the program.

Total: 80 credits

Studio: 12 credits each, Mandatory courses: 2 credits each.

Thesis/DRP: 14 credits

Others (Electives + SWS): 12 credits

| | SEM I | SEM II | SEM III | SEM IV |
|---------------------------------------|---|-----------------------------|---|------------|
| Studio 12 Credits | Geo Visualization And Spatial Analysis Studio | GIS for Smart Cities | Geospatial Modelling and Application | Thesis/DRP |
| Mandatory Course 2 Credits | Remote Sensing Theories and Practices | Advance Remote sensing | Digital Photogrammetry and Terrain Analysis | |
| Mandatory Course 2 Credits | Communication Skills | Spatial Analysis Techniques | Application of Spatial Big Data & Analysis | |
| Mandatory Course 2 Credits | Geospatial Programming Methodology | Geospatial Programming | Web GIS and server Architecture | |