



GIS Certificate / Minor / Concentration

Certificate of Proficiency in GIS

Requirements:

- Satisfy prerequisites (Basic computer proficiency & AUR Math)
 - Take the following 3 GIS Courses:
 - GEOG 250 (GIS I) - Contemporary Applications of GIS (3 CH)
 - GEOG 350 (GIS II) – Contemporary Analysis with GIS (3 CH)
 - GEOG 455 (GIS III) - Contemporary Modeling with GIS (3 CH)
 - Independent Research, Co-op, or Professional Experience (3 CH)
- 12 CH**

Minor / Concentration in GIS (w/ Computer Science)

(proposed)

Requirements:

- Satisfy prerequisites (Basic computer proficiency, AUR Math, CS 101)
 - Take the following 3 GIS Courses from Geoscience / Geography:
 - GEOG 250 (GIS I) - Contemporary Applications of GIS (3 CH)
 - GEOG 350 (GIS II) - Contemporary Analysis with GIS (3 CH)
 - GEOG 455 (GIS III) - Contemporary Modeling with GIS (3 CH)
 - Take the following 2 courses in Computer Science:
 - CS 232 – Intro to Databases & Distributed Searching (3 CH)
 - CS 355 – Visual Programming (3 CH)
 - Independent Research, Co-op, or Professional Experience (3 CH)
- 18 CH**

Departments and students using GIS at NJCU include:

- Ø Biology
- Ø Business & Marketing
- Ø Criminal Justice / Professional Security
- Ø Environmental Science / Geoscience / Ecology
- Ø Fire Science / Emergency Response
- Ø Health Science / Public Health
- Ø History
- Ø Nursing
- Ø Political Science