

Geographic Information Systems - 1588X

2015-2016

Level 1 (15 weeks)

21 hrs contact
+ 24 study hrs

Maps and Geographic
Data Collection
GIS4108
2/3/5 H-2

Data and Data
Representation
GIS4109
2/2/4 H-1

GIS 1: Introduction to
Vector GIS
GIS4101
1/3/5

Database Design and
Management
GIS4113
2/2/5

Introduction to
Programming
GIS4107
2/2/6

Co-requisite

Co-requisite

Level 2 (15 weeks)

21 hrs contact
+ 24 study hrs

GIS 2: Analytical GIS
GIS4201 *
2/2/4

Introduction to
Remote Sensing
GIS4204
2/2/4

GIS Applications and
Modelling
GIS4209 *
1/1/2

Cartographic Design
and Visualization
GIS4210 *
1/2/3 H-1

Digital Map
Compilation
GIS4205
1/3/4

GIS Customization 1
GIS4207 *
2/2/6

Level 3 (12 weeks)

21 hrs contact
+ 23 study hrs

Remote Sensing 2
GIS4304
2/2/4
(48 hrs)

GIS Project
GIS4309
0/7/9 H-1
(84 hrs)

Web GIS
Applications
GIS4308
2/3/5 H-3
(60 hrs)

GIS Customization 2
GIS4307
2/3/5
(60 hrs)

Optional
Co-op
Work Term 1
(WKT5300)

ADDITIONAL PREREQUISITES FOR LEVEL 2

The following courses in level 2 also have a prerequisite of GIS4101:

GIS4201, GIS4209, GIS4210, GIS4207

The following courses in level 2 also have a prerequisite of GIS4108:

GIS4201, GIS4209, GIS4210, GIS4205, GIS4204

Course Name
Course Number
Hours
(theory/lab/study+)
H = Hybrid

+ recommended number of study hours per week;
this amount may vary depending on the individual.

This document is intended for guidance only.
Please refer to the college calendar for current status.
Revised December 10, 2014.