Summary of key topics

definitions of terms (lecture number)

- critical spatial thinking (1)
- geographic information science (1)
- representation (1)
- 2.5D (1)
- digital (1)
- analog (1)
- representative fraction (1)
- binary (1)
- ASCII (1)
- short, long integer (1)
- single, double precision float (1)
- BLOB (1)

interoperability (1)

geographic information (2)

atom of geographic information (2)

Digital Earth (2)

discrete object conceptualization (2)

shapefile (2)

continuous field conceptualization (2)

six field representations (2)

ontology (2)

database management system (3)

relational model (3)

table (relation) (3)

common key (3)

class (4)

subclass (4)

inheritance (4)

behavior (4)

encapsulation (4)

split and merge rule (4)

spatially intensive attribute (4)

spatially extensive attribute (4)

hybrid data model (4)

geodatabase (4)

data model (5)

UML (5)

Microsoft Visio (5)

use case (5)

Tobler's First Law (7)

Thiessen polygon (7)

spatial dependence (7)

spatial autocorrelation (7)

Moran and Geary indices (7)

semivariogram (7)

horizontal and vertical context (7)

spatial heterogeneity (7)

non-stationarity (7)

place-based analysis (7)

fractal (7)

Richardson plot (7)

metric georeference (8)

locator service (8)

gazetteer (8)

geoparsing (8)

National Grid (8)

global grid (8)

Quaternary Triangular Mesh (8)