

2018 – 2019 PRELIMINARY LISTING OF COURSES FOR SPATIAL DATA SCIENCE AND TECHNOLOGY MAJORS

Provisional and subject to change

Fall 2018

Core Courses

GEOG 181 Our Digital Earth
GEOG 481 GIScience I
CIS 122 Intro to Programming and Prob Solving

Instructor

Lobben
Schmidtke
Wilkins

Elective Courses

GEOG 482 GIScience II
GEOG 485 Remote Sensing I
GEOG 490 Webmapping
CIS 210 Computer Science I

Kohler
Fonstad
Merson
Freeman

Winter 2019

Core Courses

GEOG 281 The World and Big Data
GEOG 481 GIScience I
CIS 122 Intro to Programming and Prob Solving

Instructor

Luan
Fish
TBA

Elective Courses

GEOG 482 GIScience II
GEOG 486 Remote Sensing II
GEOG 490 Topics: Citizen Science & GeoSensors
GEOG 493 Advanced Cartography
GEOG 495 Geographic Data Analysis
CIS 210 Computer Science I
CIS 211 Computer Science II

Kohler
Kohler
Schmidtke
Meacham
Bartlein
Freeman
Young

Spring 2019

Core Courses

GEOG 181 Our Digital Earth
GEOG 481 GIScience I
CIS 122 Intro to Programming and Prob Solving

Instructor

Fish
Lobben
Wilkins

Elective Courses

GEOG 490 Topics: R for Earth Systems Science
GEOG 490 Topics: Environment & Society Mapping
GEOG 490 Topics: Mapping & Drones
GEOG 491 Advanced GIS: Python
GEOG 494 Spatial Analysis
GEOG 496 Location-Aware Systems
CIS 211 Computer Science II

Bartlein
Fish
Zettler-Mann
Kohler
Luan
Schmidtke
Young