### ARCH/Archeology

**ARCH 2800**  
ARCH SCIENCE  
501 (8183)  
CRE 3.0  
REMOTE DLV  
Fulton K  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

**ARCH 2900**  
SPECIAL PROBLEMS  
700 (9255)  
CRE V  
Wolverton S  
Restricted course. Approval required. Contact department.

**ARCH 3650**  
ORIGIN OF CIVIL  
001 (17306)  
CRE 3.0  
TR  
02:00 pm-03:20 pm  
REMOTE DLV  
Ferring C  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

**ARCH 4620**  
TOPICS IN ARCHEOL  
001 (17307)  
CRE 3.0  
TR  
09:30 am-10:50 am  
BLB 225  
Wolverton S  
Course Topic: HISTORICAL ECOLOGY  
PREREQUISITES WAIVED.  
HISTORICAL ECOLOGY.

### GEOG/Geography

**GEOG 1200**  
GLOBAL SOCIETIES  
001 (9421)  
CRE 3.0  
TR  
12:30 pm-01:50 pm  
REMOTE DLV  
Lester K  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

**GEOG 1710**  
EARTH SCIENCE  
001 (8188)  
CRE 3.0  
TR  
11:00 am-12:20 pm  
UU 314C  
Li Y  
FOR EDUCATION MAJORS ONLY.  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

002 (16160)  
CRE 3.0  
REMOTE DLV  
Li Y

003 (8189)  
CRE 3.0  
REMOTE DLV  
Li Y  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

004 (8190)  
CRE 3.0  
MWF  
11:00 am-11:50 am  
REMOTE DLV  
Ferring D  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

005 (10195)  
CRE 3.0  
REMOTE DLV  
Li Y  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

300 (17822)  
LAB 0.0  
REMOTE DLV  
Williamson III  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

301 (8191)  
LAB 0.0  
REMOTE DLV  
Tabor Z  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

302 (9638)  
LAB 0.0  
REMOTE DLV  
Stucky F  
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

REMOTE DLV Le Maire K

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

REMOTE DLV Lester K

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

REMOTE DLV Espinoza S

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

REMOTE DLV Baker A

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

REMOTE DLV Ferring D

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

Restricted course. Approval required. Contact department.

FOR PROJECT DESIGN AND ANALYSIS COHORT STUDENTS ONLY.

REMOTE DLV Ellis J

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 2110 FOUND GEOG RESEARCH

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 2170 CULTURE ENV & SOC

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 2180 GEO SOCIETY

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 2900 SPECIAL PROBLEMS

Restricted course. Approval required. Contact department.

GEOG 3010 ECONOMIC GEOG

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 3200 SUSTAINABILITY

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 3500 INTRO TO GIS

WEB-BASED INSTRUCTION.
This is an Internet course. Course enrollment is restricted and Non-Texas resident students residing outside of the state are not eligible to enroll in this section. Contact the department for enrollment assistance in an appropriate section of the course if applicable.

GEOG 4050 CRTGPHY & GRPHCS

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Tu/Th</th>
<th>Instructor</th>
<th>Days</th>
<th>Location</th>
<th>Time</th>
<th>Notes</th>
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<tbody>
<tr>
<td>GEOG 4115</td>
<td>OUR ENERGY FUTURES</td>
<td>001</td>
<td>MW</td>
<td>Fry M</td>
<td>REMOTE DLV</td>
<td>02:00 pm-03:20 pm</td>
<td>Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.</td>
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<tr>
<td>GEOG 4120</td>
<td>MEDICAL GEOG</td>
<td>001</td>
<td>TR</td>
<td>Oppong J</td>
<td>REMOTE DLV</td>
<td>03:30 pm-04:50 pm</td>
<td>PREREQUISITES WAIVED. Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.</td>
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<tr>
<td>GEOG 4185</td>
<td>STAT RESEARCH GEOG</td>
<td>001</td>
<td>TR</td>
<td>Rice M</td>
<td>BLB 050</td>
<td>12:30 pm-01:50 pm</td>
<td>Instruction delivered remote and on site. (remote 51% or less) INSTRUCTOR WILL BE IN TOUCH REGARDING HOW THE COURSE WILL BE CONDUCTED AS PARTIALLY REMOTE.</td>
<td></td>
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<tr>
<td>GEOG 4210</td>
<td>URBAN GEOG</td>
<td>001</td>
<td>MW</td>
<td>Chatterjee I</td>
<td>GAB 105</td>
<td>09:30 am-10:50 am</td>
<td>MEETS WITH GEOG 5210.001.</td>
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<tr>
<td>GEOG 4230</td>
<td>LOCATION INTELLIGENCE</td>
<td>001</td>
<td>MW</td>
<td>Rice M</td>
<td>BLB 035</td>
<td>12:30 pm-01:50 pm</td>
<td>Instruction delivered remote and on site. (remote 51% or less) INSTRUCTOR WILL BE IN TOUCH REGARDING HOW THE COURSE WILL BE CONDUCTED AS PARTIALLY REMOTE.</td>
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<tr>
<td>GEOG 4350</td>
<td>GEOMORPHOLOGY</td>
<td>001</td>
<td>MW</td>
<td>Williams H</td>
<td>REMOTE DLV</td>
<td>12:30 pm-01:50 pm</td>
<td>Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.</td>
<td></td>
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<tr>
<td>GEOG 4420</td>
<td>NATURE, CLIMATE CHANGE</td>
<td>001</td>
<td>TR</td>
<td>Ahmed W</td>
<td>BLB 170</td>
<td>09:30 am-10:50 am</td>
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<tr>
<td>GEOG 4530</td>
<td>DIGITAL IMAGE ANALYSIS</td>
<td>001</td>
<td>TR</td>
<td>Liang L</td>
<td>REMOTE DLV</td>
<td>11:00 am-12:20 pm</td>
<td>Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.</td>
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<tr>
<td>GEOG 4560</td>
<td>INTRO PYTHON PROG</td>
<td>501</td>
<td>TR</td>
<td>Hamner J</td>
<td>FRHB 121</td>
<td>12:59 pm-02:20 pm</td>
<td>This course meets at the Frisco campus 2811 Internet Blvd., Frisco TX 75034. This course is open to UNT Denton students who can access the course via livestream on both meeting days.</td>
<td></td>
</tr>
<tr>
<td>GEOG 4570</td>
<td>SPECIAL TOPICS IN GIS</td>
<td>002</td>
<td></td>
<td>Dong P</td>
<td>REMOTE DLV</td>
<td>12:30 pm-01:50 pm</td>
<td>Course Topic: USING LIDAR IN GIS Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information. TOPIC: USING LIDAR IN GIS.</td>
<td></td>
</tr>
<tr>
<td>GEOG 4580</td>
<td>GIS HEALTH</td>
<td>001</td>
<td></td>
<td>Tiwari C</td>
<td>BLB 090</td>
<td>06:00 pm-08:50 pm</td>
<td>Instruction delivered remote and on site. (remote 51% or less) INSTRUCTOR WILL BE IN TOUCH REGARDING HOW THE COURSE WILL BE CONDUCTED AS PARTIALLY REMOTE.</td>
<td></td>
</tr>
<tr>
<td>GEOG 4590</td>
<td>ADV GIS PROG</td>
<td>001</td>
<td></td>
<td>Dong P</td>
<td>REMOTE DLV</td>
<td>02:00 pm-03:20 pm</td>
<td>MEETS WITH GEOG 5590.001. Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.</td>
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</table>
GEOG 4750  SURFACE WATER HYDRO
001 (9739)  CRE 3.0  MW  09:30 am-10:50 am  REMOTE DLV  Pan F
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 4800  GEOG CAPSTONE
001 (8202)  CRE 3.0  REMOTE DLV  Hudak P
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 4875  EARTH SCIENCE TOPICS
001 (16840)  CRE 3.0  MW  02:00 pm-03:20 pm  REMOTE DLV  Li Y
Course Topic: EARTHQUAKES & VOLCANOES
PREREQUISITES WAIVED
EARTHQUAKES & VOLCANOES.
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
002 (16841)  CRE 3.0  MW  12:30 pm-01:50 pm  REMOTE DLV  Pan F
Course Topic: WEATHER & CLIMATE
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
WEATHER & CLIMATE.

GEOG 4885  HUMAN GEOGRAPHY TOPICS
001 (17778)  CRE 3.0

PREREQUISITES WAIVED.
INFECTIOUS DISEASE: GEOGRAPHIC CHALLENGES, PERSPECTIVES, & ANALYSES.
Honors college students only.

GEOG 4900  SPECIAL PROBLEMS
700 (10551)  CRE V  Ahmed W
Restricted course. Approval required. Contact department.
701 (8207)  CRE V  Ferring C
Restricted course. Approval required. Contact department.
702 (8208)  CRE V  Hudak P
Restricted course. Approval required. Contact department.
703 (8209)  CRE V  Dong P
Restricted course. Approval required. Contact department.
704 (8210)  CRE V  Williams H
Restricted course. Approval required. Contact department.
705 (8211)  CRE V  Wolverine S
Restricted course. Approval required. Contact department.
706 (8212)  CRE V  Tiwari C
Restricted course. Approval required. Contact department.
707 (8213)  CRE V  Nagaoka L
Restricted course. Approval required. Contact department.
708 (8214)  CRE V  Oppong J
Restricted course. Approval required. Contact department.
709 (8215)  CRE V  Rice M
Restricted course. Approval required. Contact department.
710 (8216)  CRE V  Williams H
Restricted course. Approval required. Contact department.
711 (8217)  CRE V  Wolverine S
Restricted course. Approval required. Contact department.
712 (8888)  CRE V  Tiwari C
Restricted course. Approval required. Contact department.
713 (9740)  CRE V  Restricted course. Approval required. Contact department.
Restricted course. Approval required. Contact department.

GEOG 4920  COOP IN GEOG

700 (8218) CRE 3.0  Restriction course. Approval required. Contact department.

Hudak P

001 (15397) CRE 3.0  REMOTE DLV  Williams H
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 5140  MED GEOG

001 (15394) CRE 3.0  TR 03:30 pm-04:50 pm  REMOTE DLV  Oppong J
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 5185  GEOGRAPHY STATISTICS

001 (13484) CRE 3.0  TR 12:30 pm-01:50 pm  BLB 050  Rice M
Instruction delivered remote and on site. (remote 51% or less)
INSTRUCTOR WILL BE IN TOUCH REGARDING HOW THE COURSE WILL BE CONDUCTED AS PARTIALLY REMOTE.

GEOG 5210  URBAN REG SCI

001 (10117) CRE 3.0  MW 09:30 am-10:50 am  GAB 105  Chatterjee I
MEETS WITH GEOG 4210.001

GEOG 5230  LOCATION INTELLIGENCE

001 (13485) CRE 3.0  MW 12:30 pm-01:50 pm  BLB 035  Rice M
Instruction delivered remote and on site. (remote 51% or less)
INSTRUCTOR WILL BE IN TOUCH REGARDING HOW THE COURSE WILL BE CONDUCTED AS PARTIALLY REMOTE.

GEOG 5300  GLOBALIZATION

001 (15405) CRE 3.0  W 12:30 pm-03:20 pm  BLB 065  Chatterjee I

GEOG 5350  GEOMORPHOLOGY

001 (17312) CRE 3.0  REMOTE DLV  Williams H
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 5420  CRITICAL RESOURCE

001 (14330) CRE 3.0  TR 09:30 am-10:50 am  BLB 170  Ahmed W

GEOG 5530  DIGITAL IMAGE ANALYSIS

001 (17815) CRE 3.0  TR 11:00 am-12:20 pm  REMOTE DLV  Liang L
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 5560  PYTHON PROGRAMMING

This course meets at the Frisco campus 2811 Internet Blvd., Frisco TX 75034.
This course is open to UNT Denton students who can access the course via livestream on both meeting days

GEOG 5570  SPECIAL TOPICS GIS
Course Topic: USING LIDAR IN GIS
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

TOPIC: USING LIDAR IN GIS

GEOG 5580  ADV GIS IN HEALTH
001  (17316)  CRE 3.0  T  06:00 pm-08:50 pm  BLB 090  Tiwari C
Instruction delivered remote and on site. (remote 51% or less)
INSTRUCTOR WILL BE IN TOUCH REGARDING HOW THE COURSE WILL BE CONDUCTED AS PARTIALLY REMOTE.

GEOG 5590  ADV GIS PROG
001  (10118)  CRE 3.0  MEETS WITH GEOG 4590.001.
MEETS WITH GEOG 4750.001.
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 5750  SURFACE WATER HYDRO
001  (10120)  CRE 3.0  MW  09:30 am-10:50 am  REMOTE DLV  Pan F
MEETS WITH GEOG 4750.001.
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

GEOG 5900  SPECIAL PROBLEMS
700  (8219)  CRE V  Ahmed W
Restricted course. Approval required. Contact department.
701  (8220)  CRE V  Ferring C
Restricted course. Approval required. Contact department.
702  (8221)  CRE V  Hudak P
Restricted course. Approval required. Contact department.
703  (8222)  CRE V  Dong P
Restricted course. Approval required. Contact department.
704  (8223)  CRE V  Chatterjee I
Restricted course. Approval required. Contact department.
705  (8224)  CRE V  McGregor K
Restricted course. Approval required. Contact department.
706  (8225)  CRE V  Nagaoka L
Restricted course. Approval required. Contact department.
707  (8226)  CRE V  Oppong J
Restricted course. Approval required. Contact department.
708  (8227)  CRE V  Rice M
Restricted course. Approval required. Contact department.
709  (8228)  CRE V  Williams H
Restricted course. Approval required. Contact department.
710  (8229)  CRE V  Wolverton S
Restricted course. Approval required. Contact department.
711  (8983)  CRE V  Tiwari C
Restricted course. Approval required. Contact department.
712  (9264)  CRE V  Wolverton S
Restricted course. Approval required. Contact department.
713  (9742)  CRE V  Pan F
Restricted course. Approval required. Contact department.
714  (9743)  CRE V  Fry M
Course Topic: WEATHER AND CLIMATE
Restricted course. Approval required. Contact department.
WEATHER AND CLIMATE
715  (9898)  CRE V  Liang L
Restricted course. Approval required. Contact department.
716  (14170)  CRE V
### GEOG 5920  
**RESEARCH PROBLEMS**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Instructor</th>
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<tr>
<td>700 (9618)</td>
<td>CRE 3.0</td>
<td>Hudak P</td>
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<td>701 (9619)</td>
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<td>703 (9620)</td>
<td>CRE 3.0</td>
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<td>704 (9621)</td>
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<td>705 (9622)</td>
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<td>706 (9623)</td>
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### GEOG 5950  
**THESIS**

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<tr>
<td>700 (8230)</td>
<td>CRE V</td>
<td>Ahmed W</td>
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<td>701 (8231)</td>
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<td>702 (8232)</td>
<td>CRE V</td>
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<td>703 (8233)</td>
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<td>704 (8234)</td>
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<td>705 (8792)</td>
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<td>706 (8805)</td>
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<td>707 (9267)</td>
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<tr>
<td>711 (9655)</td>
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<td>Wolverton S</td>
</tr>
</tbody>
</table>

Restricted course. Approval required. Contact department.
eight Week Session Two

GEOG 4570 SPECIAL TOPICS IN GIS
001 (19062) CRE 3.0 REMOTE DLV Tiwari C
Course Topic: ADVANCED SPATIAL ANALYTICS
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
ADVANCED SPATIAL ANALYTICS.

GEOG 5570 SPECIAL TOPICS GIS
001 (19063) CRE 3.0 REMOTE DLV Tiwari C
Course Topic: ADVANCED SPATIAL ANALYTICS
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
ADVANCED SPATIAL ANALYTICS.

GEOG 5900 SPECIAL PROBLEMS
712 (15004) CRE V Tiwari C
Restricted course. Approval required. Contact department.

geol/geology

GEOL 1610 INTRO TO GEOLOGY
001 (8235) CRE 3.0 INET Hudak P
100% online. No on-site meetings. May require set times to participate online as noted.
This is an Internet course. Course enrollment is restricted and Non-Texas resident students residing outside of the state are not eligible to enroll in this section. Contact the department for enrollment assistance in an appropriate section of the course if applicable.
MUST REGISTER FOR GEOL 1610.300 - LAB.
002 (15395) CRE 3.0 INET Hudak P
WEB-BASED INSTRUCTION.
This is an Internet course. Course enrollment is restricted and Non-Texas resident students residing outside of the state are not eligible to enroll in this section. Contact the department for enrollment assistance in an appropriate section of the course if applicable.
MUST REGISTER FOR GEOL 1610.300 - LAB.
003 (18979) CRE 3.0 M 02:00 pm-04:50 pm REMOTE DLV Ferring C
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
Students in this section must also be registered for lab section GEOL 1610.301.
Honors college students only.
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
Must register for specific lab GEOL 1610.314.

Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.

Students in this section must also be registered for lecture section GEOL 1610.003.

Honors college students only.
Restricted course. Approval required. Contact department.
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.
Lab section reserved for students enrolled in GEOL 1610.030 (Honors College members)

GEOL 4710 ECOSYSTEMS
Course offered remote. No on-site meetings. There may be set times for online participation. See details for further information.