

For students transition to semester-based courses

BA in Geography with Environmental Option

Semester-based Program Requirements	Quarter-based course that can be used to satisfy this program
<p>I. Lower Division Required Courses (13 units)</p> <ul style="list-style-type: none"> • GEOG 1550 - Cultural Geography (3) • GEOG 1600 - Physical Geography+ (3) • GEOG 2680 - Introduction to Geospatial Sciences+ (4) <p>Select one of the following courses:</p> <ul style="list-style-type: none"> • GEOG 1700 - Meteorology+ (3) • GEOG 2820 - Spatial Measurement and Elementary Statistics (3) • GEOL 1500 - Earth Revealed + (3) • GEOL 1550 - Oceanography + (3) • GEOL 1580 - Natural Disasters +(3) • GEOL 2200 - Environmental Geosciences (3) 	<p>GEOG155 - Cultural Geography (4) GEOG160 – Physical Geography (4) GEOG 268 - Introduction to Geospatial Sciences (4)</p> <p>GEOG 170 - Meteorology+(4) GEOG 2820 - Spatial Measurement and Elementary Statistics (4) GEOL 150 - Earth Revealed (4) GEOL 155 - Oceanography (4) GEOL 158 - Natural Disasters (4) GEOL 220 - Environmental Geoscience (4)</p>
<p>II. Upper Division Required Courses (30 units)</p> <p>Methods (6 units)</p> <ul style="list-style-type: none"> • GEOG 3690 - Fundamentals of Geographic Information Systems (3) <p>Select one of the following courses:</p> <ul style="list-style-type: none"> • GEOG 4630 - Geographic Information Systems (GIS) Applications in Urban Planning (3) • GEOG 4640 – Geographical Information Systems (GIS) Applications in Political Sciences (3) • GEOG 4650 - Geographic Information Systems (GIS) Applications in Environmental Studies (3) • GEOG 4660 - Remote Sensing (3) • GEOG 4680 - Digital Cartography (3) • GEOG 4690 - Spatial Analysis and GIS 	<p>GEOG369 – Fundamentals of Geographic Information System (4)</p> <p>GEOG 463 - Geographic Information Systems (GIS) Applications in Urban Planning (4)</p> <p>GEOG 464 – Geographical Information Systems (GIS) Applications in Political Sciences (4)</p> <p>GEOG 465 - Geographic Information Systems (GIS) Applications in Environmental Studies (4)</p> <p>GEOG 466 - Remote Sensing (4) GEOG 468 - Digital Cartography (4) GEOG 469 - Spatial Analysis and GIS Modeling (4)</p>

Modeling (3)

- GEOG 4820 - Multivariate Statistics in Geography (3)

Climate (select 2 of the following) (6 units)

- [GEOG 3100 - Urban Climatology](#) (3)
- [GEOG 3120 - Global Climate Change and the Developing World](#) (3) **(also listed as)**
- [GEOL 3120 - Global Climate Change and the Developing World](#) (3)
- [GEOG 4100 - Applied Climatology](#) (3)
- [GEOL 4330 - Quaternary Geology](#) (3)

Environmental Geography (select 3 of the following) (9 units)

- [GEOG 3090 - Urban Environmental Pollution](#) (3)
- [GEOL 3570 - Urban Geology](#) (3)
- GEOG 4020 - Geomorphology (3)
- [GEOG 4030 - Environment and Food Customs](#) (3)
- GEOG 4070 – Biogeography (3)
- [GEOG 4150 - Perspectives on Environment](#) (3)
- [GEOL 4870 - Watershed Analysis](#) (3)

Urban Social Dynamics (select 2 of the following) (6 units)

- [GEOG 3760 - Urban Spatial Process and Patterns](#) (3)
- [GEOG 4420 - Population Geography](#) (3)
- [GEOG 4460 - U.S. Ethnic Communities](#) (3)
- [GEOG 4570 - Transportation Geography](#) (3)
- [GEOG 4580 - Urban Transportation](#) (3)
- [GEOG 4760 - Urban Geography](#) (3)
- GEOG 4880 – Geography and Geopolitics of East Asia and Southeast Asia (3)

GEOG 482 - Multivariate Statistics in Geography (4)

[GEOG 310 - Urban Climatology](#) (4)
[GEOG 312 - Global Climate Change and the Developing World](#) (4) **(also listed as)**

[GEOL 312 - Global Climate Change and the Developing World](#) (4)
[GEOG 410 - Applied Climatology](#) (4)
[GEOL 433 - Quaternary Geology](#) (4)

[GEOG 309 - Urban Environmental Pollution](#) (4)

[GEOL 357 - Urban Geology](#) (4)
GEOG 402 - Geomorphology (4)

[GEOG 403 - Environment and Food Customs](#) (4)

GEOG 407 – Biogeography (4)
[GEOG 415 - Perspectives on Environment](#) (4)

[GEOL 487 - Watershed Analysis](#) (4)

[GEOG 376 - Urban Spatial Process and Patterns](#) (4)

[GEOG 442 - Population Geography](#) (4)
[GEOG 446 - U.S. Ethnic Communities](#) (4)
[GEOG 457 - Transportation Geography](#) (4)

[GEOG 458 - Urban Transportation](#) (4)
[GEOG 476 - Urban Geography](#) (4)

<p><i>Capstone Course: Senior Thesis (3 units)</i></p> <ul style="list-style-type: none">• GEOG 4950 - Senior Thesis (3)	<p>GEOG495 – Senior Thesis (4)</p>

BA in Geography GIS option

Semester-based Program Requirements	Quarter-based courses that can be used to satisfy this program requirements
-------------------------------------	---

<p>I. Lower Division Required Courses (13 units)</p> <ul style="list-style-type: none"> • GEOG 1550 - Cultural Geography (3) • GEOG 1600 - Physical Geography (3) • GEOG 2680 - Introduction to Geospatial Sciences (4) • GEOG 2820 - Spatial Measurement and Elementary Statistics (3) 	<ul style="list-style-type: none"> • GEOG 155 - Cultural Geography (4) • GEOG 160 - Physical Geography (4) • GEOG 268 - Introduction to Geospatial Sciences (4) • GEOG 282 - Spatial Measurement and Elementary Statistics (4)
<p>II. Upper division courses (30 units)</p> <p>Technical Core (18 units)</p> <ul style="list-style-type: none"> • GEOG 3690 - Fundamentals of Geographic Information Systems (3) • GEOG 4660 - Remote Sensing (3) • GEOG 4680 - Digital Cartography (3) • GEOG 4690 - Spatial Analysis and GIS Modeling (3) • GEOG 4820 - Multivariate Statistics in Geography (3) <p>GEOG 4950 - Senior Thesis (3)</p> <p>Electives: 3 out of the following 2 groups; at least one for each group (9 units)</p> <p>Application courses:</p> <ul style="list-style-type: none"> • GEOG 4630 - Geographic Information Systems (GIS) Applications in Urban Planning (3) • GEOG 4640 - Geographic Information Systems (GIS) Applications in Political Science (3) • GEOG 4650- Geographic Information Systems (GIS) Applications in Environmental Studies (3) <p>Systematic Core</p> <ul style="list-style-type: none"> • GEOG 4070 - Biogeography (3) 	<ul style="list-style-type: none"> • GEOG 369 - Fundamentals of Geographic Information Systems (4) • GEOG 466 - Remote Sensing (4) • GEOG 468 - Digital Cartography (4) • GEOG 469 - Spatial Analysis and GIS Modeling (4) • GEOG 482 - Multivariate Statistics in Geography (4) <ul style="list-style-type: none"> • GEOG 463 - Geographic Information Systems (GIS) Applications in Urban Planning (4) • GEOG 464 - Geographic Information Systems (GIS) Applications in Political Science (4) • GEOG 465- Geographic Information Systems (GIS) Applications in Environmental Studies (4) <ul style="list-style-type: none"> • GEOG 407 - Biogeography (4)

<ul style="list-style-type: none"> • GEOG 4100 - Applied Climatology (3) • GEOG 4420 - Population Geography (3) • GEOG 4570 - Transportation Geography (3) • GEOG 4760 - Urban Geography (3) • GEOG 4580 - Urban Transportation (3) 	<ul style="list-style-type: none"> GEOG 410 - Applied Climatology (4) GEOG 442 - Population Geography (4) GEOG 457 - Transportation Geography (4) GEOG 476 - Urban Geography (4) GEOG 458 - Urban Transportation (4)
<p>III. Electives in geography (3 units)</p> <p>It could include additional courses from the list of systematic core in geography (see above).</p> <ul style="list-style-type: none"> • GEOG 3090 - Urban Environmental Pollution (3) • GEOG 3100 - Urban Climatology (3) • GEOG 3120 - Global Climate Change and the Developing World (3) • GEOG 3330 - Environment and Development in the Third World (3) • GEOG 3700 - World Regions (3) • GEOG 3760 - Urban Spatial Process and Patterns (3) • GEOG 4020 - Geomorphology (3) • GEOG 4030 - Environment and Food Customs (3) • GEOG 4150 - Perspectives on Environment (3) • GEOG 4460 - US Ethnic Communities (3) • GEOG 4880 – Geography and Geopolitics of East Asia and Southeast Asia (3) • GEOG 4310 - California (3) • GEOG 4420 - Population Geography (3) • GEOG 4510 - Historical Geography of North America (3) 	<ul style="list-style-type: none"> GEOG 309 - Urban Environmental Pollution (4) GEOG 310 - Urban Climatology (4) GEOG 312 - Global Climate Change and the Developing World (4) GEOG 333 - Environment and Development in the Third World (4) GEOG 370 - World Regions (4) GEOG 376 - Urban Spatial Process and Patterns (4) GEOG 402 - Geomorphology (4) GEOG 403 - Environment and Food Customs (4) GEOG 415 - Perspectives on Environment (4) GEOG 446 - US Ethnic Communities (4) GEOG 560 –China (4) GEOG 431 - California (4) GEOG 442 - Population Geography (4) GEOG 451 - Historical Geography of North America (4)

BA in Geography with Urban Analysis Option

Semester-based program requirements	Quarter-based courses that can be used to satisfy this program requirement
-------------------------------------	--

<p>Lower Division Required Courses (13 units)</p> <ul style="list-style-type: none"> • GEOG 1550 - Cultural Geography (3) • GEOG 1600 - Physical Geography (3) • GEOG 2680 Introduction to Geospatial Sciences (4) • URBA 1800 Urban World (3) 	<p>GEOG 155 - Cultural Geography (4) GEOG 160 - Physical Geography (4) GEOG 268 Introduction to Geospatial Sciences (4) URBA 180 Urban World (4)</p>
<p>Upper division required courses (21 units)</p> <ul style="list-style-type: none"> • GEOG 3690 - Fundamentals of Geographic Information Systems (3) • GEOG 3700 - World Regions (3) • GEOG 3760 - Urban Spatial Process and Patterns (3) • GEOG 4310 – California (3) • GEOG 4460 - U.S. Ethnic Communities (3) • GEOG 4760 - Urban Geography (3) • GEOG 4950 - Senior Thesis (3) 	<p>GEOG 369 - Fundamentals of Geographic Information Systems (4) GEOG 370 - World Regions (4) GEOG 376 - Urban Spatial Process and Patterns (4) GEOG 431 – California (4) GEOG 446 - U.S. Ethnic Communities (4) GEOG 476 - Urban Geography (4) GEOG 495 - Senior Thesis (4)</p>
<p>Electives (9 units)</p> <p>Select at least one course from two of the following three groups</p> <p>Methods</p> <ul style="list-style-type: none"> • GEOG 4420 - Population Geography (3) • GEOG 4630 - Geographic Information Systems (GIS) Applications in Urban Planning (3) • GEOG 4640 - Geographic Information Systems (GIS) Applications in Political Science (3) • GEOG 4650 - Geographic Information Systems (GIS) Applications in Environmental Studies (3) 	<p>GEOG 442 - Population Geography (4) GEOG 463 - Geographic Information Systems (GIS) Applications in Urban Planning (4) GEOG 464 - Geographic Information Systems (GIS) Applications in Political Science (4) GEOG 465 - Geographic Information Systems (GIS) Applications in Environmental Studies (4) GEOG 4660 - Remote Sensing (4) GEOG 482 - Multivariate Statistics in Geography</p>

<ul style="list-style-type: none"> • GEOG 4660 - Remote Sensing (3) • GEOG 4820 - Multivariate Statistics in Geography (3) <p>Environmental</p> <ul style="list-style-type: none"> • GEOG 3090 - Urban Environmental Pollution (3) • GEOG 3100 - Urban Climatology (3) • GEOG 3120 - Global Climate Change and the Developing World (3) • GEOG 3330 - Environment and Development in the Third World (3) • GEOG 4030 - Environment and Food Customs (3) • GEOG 4100 - Applied Climatology (3) • GEOG 4150 - Perspectives on Environment (3) • SOC 4870 - Environmental Policy, Law, and Society (3) <p>Social and Economic</p> <ul style="list-style-type: none"> • GEOG 4570 - Transportation Geography (3) • GEOG 4580 - Urban Transportation (3) • GEOG 4880 Geography and Geopolitics of East Asia and Southeast Asia (3) • POLS 4040 - Urban Government and Politics (3) • POLS 4060- Los Angeles City Politics (3) • POLS 4610 - Dynamics of Urban Administration (3) • SOC 4300 - Urban Sociology (3) 	<p>(4)</p> <p>GEOG 309 - Urban Environmental Pollution (4)</p> <p>GEOG 310 - Urban Climatology (4)</p> <p>GEOG 312 - Global Climate Change and the Developing World (4)</p> <p>GEOG 333 - Environment and Development in the Third World (4)</p> <p>GEOG 403 - Environment and Food Customs (4)</p> <p>GEOG 410 - Applied Climatology (4)</p> <p>GEOG 415 - Perspectives on Environment (4)</p> <p>SOC 487 - Environmental Policy, Law, and Society (4)</p> <p>GEOG 457 - Transportation Geography (4)</p> <p>GEOG 458 - Urban Transportation (4)</p> <p>POLS 404 - Urban Government and Politics (4)</p> <p>POLS 406- Los Angeles City Politics (4)</p> <p>POLS 461 - Dynamics of Urban Administration (4)</p> <p>SOC 430 - Urban Sociology (4)</p>
---	--