The minor in geography consists of five courses from one of the three tracks: Climatology/atmospheric sciences, analytical cartography/geographic information systems, and urban regional systems. Students must select the five courses in the chosen track below; only one 200-level course is permitted.

If you complete the minor following the guidelines listed below, you need only file your Minor Program Form with your college or school counselor. Any variation from the programs described needs the approval of the coordinating advisor in the Department of Geography. For further information about the minor program, contact the department.

**Climatology/atmospheric sciences**
Geography 220, 520 (or Atmospheric Sciences 230), 597.02, 620, 622.01, 622.02, 623.01, 623.02
Atmospheric Sciences 631, 637, 638

**Analytical cartography/geographic information systems**
Geography 280, 580, 607, 680, 685, 686, 687, 780

**Urban and regional systems**

**People, Society and Environment**
Geography H410, 430, 490, 520, 580, 597.02, 605, 607, 620, 630, 635, 642, 670, 680, 683, 685, 695

**Arts and Sciences minor program guidelines**

The following guidelines govern minors.

**Required for graduation**  No

**Credit hours required**  A minimum of 20 (some minors require more)

**Transfer credit hours allowed**  A maximum of 10

**Overlap with the GEC**  Permitted, unless specifically disallowed by an individual minor program.

**Overlap with the major**  Not allowed and
- The minor must be in a different subject than the major.
- The same courses cannot count on the minor and on the major.

**Overlap between minors**  Each minor completed must contain 20 unique hours.

**100-level course**  For every five credit hours of 100-level course work on the minor, the minimum total required for the minor is increased by five.