

Course Recommendations for Geographic Information Science and Computer Cartography Majors

Carefully review the information below for help in determining which courses to choose this fall if you are considering a Geographic Information Science and Computer Cartography (GIS) degree. You may take up to 17 credits.

Required Fall courses for Public Health Science majors:

- MATH120 (MATH113 is the prerequisite) or MATH140 (MATH115 is the prerequisite)
- UNIV100

Recommended Fall courses for GIS majors:

- 3 or 4 General Education requirements: AW, OC, HU (up to 2), HS, NS, SP, IS (see [Courses by General Education Requirement sheet](#))
- 1) If you are taking AP/IB exams or bringing in Transfer Credit, visit the [University's Transfer Credit Services](#) to see how your credits will transfer. You may be bringing in credit for a required/recommended course. If this is the case, do NOT take the course at the University of Maryland.

Example: If you anticipate receiving a 4 or 5 on the AP Calculus exam, do NOT enroll in MATH120 or MATH140 even if one is listed as a "Required" course above.
 - 2) Times and course descriptions for all classes may be found on the [Schedule of Classes](#). You will need to make sure that the courses you choose are open and that the times do not conflict (you can download a schedule worksheet [here](#)).
 - 3) If a mathematics course is required, choose the course that seems like the best fit based on your level of high school math. If more than one math course is listed, include the lower-numbered course as an alternate in case you do not test into the course of your choosing.

Students may also access the [UMD Math Testbank](#) to review prior years' final exams, answer keys and syllabi.

If a course you choose has a mathematics prerequisite (such as BSCI170/171), you MUST list an alternate course.

- 4) If a course is required for your intended major, include it on your enrollment form even if it appears closed. Be sure to list an alternate course.
- 5) Once you have chosen sections of the above courses that do not conflict, include them under the Primary Course Request and Alternate Course Request table on the [FC Enrollment Form](#).
- 6) Your Course Request will be reviewed by a Freshmen Connection Advisor and you will be contacted by e-mail if there are any issues with the courses you have chosen. If you need additional assistance choosing classes, please contact a Freshmen Connection Advisor at 301.405.7762 or fc@umd.edu. In-person and phone appointments are available Monday through Friday 9:00 am – 5:00 pm.