

## Suggested 4 Year Plan for the Meteorology Major (MTRG) at Virginia Tech Geography Department--2018 graduating year

Freshman Year 1 <sup>st</sup> Semester 16 cr	Sophomore Year 1 <sup>st</sup> Semester 13 cr	Junior Year 1 <sup>st</sup> Semester 15 cr	Senior Year 1 <sup>st</sup> Semester 15 cr
(3 cr) Geog 1004 (Human Geog) (3 cr) English 1105 (3 cr) GEOG 3114 (Intro to MTRG) (3 cr) CLE 2 (Ideas, Trad, and Values) (4 cr) CLE 5 (Math 1225-Calculus I)	(3 cr) Geog 1104 (Physical Geog) (4 cr) CLE 4 (Physics 2205/2215 lab)* (3 cr) Geog 2505 (Weather Analysis I) (3 cr) Math 2214 (Differential Equations)	(3 cr) Geog-3515 (Dynamic I) (3 cr) Geog 4354-(Remote Sensing) (3 cr) Stat 3604 (Stat for Soc Science) (3 cr) GEOG 2084 (Princ of GIS) (3 cr) Free Elective	(3 cr) Geog 4504- (Synoptic) (3 cr) Physical Science elective (3 cr) Geog 4084-(Modeling in GIS) (3 cr) Free Elective (3 cr) Geog-Field Experience credits (experience may occur in summer)
Freshman Year 2 <sup>nd</sup> Semester 16 cr	Sophomore Year 2 <sup>nd</sup> Semester 16 cr	Junior Year 2 <sup>nd</sup> Semester 16 cr	Senior Year 2 <sup>nd</sup> Semester 15 cr
(3 cr) Geog 1014 (World Regions) (3 cr) English 1106 (1 cr) GEOG 1504 (Survey of MTRG) (2 cr) Math 1114 (Linear Algebra) (3 cr) CLE 2 (Ideas, Trad, and Values) (4 cr) CLE 5 (Math 1226-Calculus II)	(3 cr) Geog 2314/3314 (Maps or Cart) (3 cr) Geog 2506 (Weather Analysis II) (3 cr) Geog 3504 (Severe Weather) (4 cr) CLE 4 (Physics 2206/2216 lab)* (3 cr) GEOG 1084 (Digital Planet)	(3 cr) Geog-3516 (Dynamic II) (1 cr) Geog 4554 (Re Sensing Atmos) (3 cr) Physical Science elective (3 cr) GEOG 2084 (Princ of GIS) (3 cr) Free Elective (3 cr) Free Elective	(3 cr) Physical Science elective-3000+ (3 cr) Geog 4524 (Physical MTRG) (3 cr) Area 6 (Creat and Aesth Exp) (3 cr) Geog-Human Systems area (3 cr) Free Elective

- You do NOT need to follow this plan exactly. This is only a *SUGGESTED* plan.
- This example assumes that the student comes in with NO additional credit from High School but assumes the completion of High School foreign language. Of course, AP credit; Transfer Credit; Dual Enrollment Credit; or Advanced Standing would affect this plan.
- This assumes placement into Math 1225 (calculus I) upon admission. Students who must begin in a pre-calculus class will not be awarded credit for this level of math and will need to adjust the timeline above accordingly.
- Students have the option to take courses during the summer at VT or as approved transfer credit from a community college with a grade of C or better.
- The field experience credits (internship, research, study abroad, or service learning) may or may NOT fall during the hours of the actual experience.
- \*Students may choose to complete physics 2205/2215 and 2206/2216 OR physics 2305 and 2306. See adviser for selection recommendations.

**Free Electives** are classes that do not count toward your CLE or major but are applied toward the credit hours needed to reach the 120 hours required to graduate. Free Electives can be whatever you wish. They may include: AP or IB credit, transfer credit, credit required from a former major, study abroad credit, etc. Many students will replace free electives with double major or minor credits.