ATMOSPHERIC SCIENCE (ATMO) MINOR

REQUIREMENTS: 6 COURSES: At least 3 courses must be unique to the minor. All courses for the minor must be completed with a grade of C- or better. Credit/no credit options cannot be used except for GEO 299. No more than one course from another institution may count for the minor. No more than three 200-level or above courses may be from any one department or program.

REQUIRED COURSES:
GEO 182 – INTRODUCTION TO METEOROLOGY
ATMO 245 – CLIMATE CHANGE SCIENCE (NEW COURSE PROPOSAL) [prereq: GEO 182]
ATMO 260 – WEATHER ANALYSIS [prereq: GEO 182]

ELECTIVES:
ATMO 450 – INDEPENDENT STUDY
ATMO 495 - HONORS

GEO 215 – HYDROMETEOROLOGY [prereq: GEO 182]
GEO 255 – GLOBAL CLIMATES [prereq: GEO 182]
GEO 265 – WEATHER MEASUREMENTS & COMPUTING [prereq: GEO 182 & PHYS 150]
GEO 299 – GEOSCIENCE FIELD COURSE – SEVERE STORMS (only) [prereq: GEO 182 w/ B- or better]
GEO 325 – PALEOCLIMATOLOGY [prereq: GEO 184 & GEO 186]
GEO 350 – SYNOPTIC / DYNAMIC METEOROLOGY I [prereq: GEO 260 & MATH 130]
GEO 351 – SYNOPTIC / DYNAMIC METEOROLOGY II [prereq: GEO 350]
GEO 355 – MESOSCALE & SEVERE WEATHER [prereq: GEO 260 & MATH 130]
GEO 362 – POLAR METEOROLOGY [prereq: GEO 215, GEO 255, or GEO 260]
GEO 365 – ENVIRONMENTAL METEOROLOGY [prereq: GEO 215, GEO 255, or GEO 260]

PHYS 285 – MATH METHODS [prereq: MATH 131]
CPSC 225 – INTERMEDIATE PROGRAMMING [prereq: CPSC 124]
CHEM 260 – ENVIRONMENTAL CHEMISTRY [prereq: CHEM 110 or 190]
MATH 237 – DIFFERENTIAL EQUATIONS [prereq: MATH 232 & MATH 204 – LINEAR ALGEBRA]
MATH 353 – MATH MODELS [prereq: MATH 237 & MATH 204]