

Educational Goal Summary:

While taking all my required courses at Iowa State in pursuit of my B.S. degree in Meteorology and Environmental Studies, I am confident that each course will help strengthen my knowledge in my field of study and abroad. In addition to gaining this knowledge, I will be able to utilize it in my career endeavors that are set in my Professional Goals statement. I also hope the electives that I have taken will allow me to gain a new perspective of broader subjects that could be essential when talking to colleagues of different backgrounds. The core classes in both my majors have already encouraged me to apply that information in everyday life such as my research job I currently have in the Meteorology Department.

Fall 2010:

Total Credits: 17.5

Math 165 Calc I (4 credits): Meteorology requirement

Engl 150 Fresh Comp (3 credits): LAS Basic Education requirement.

Chem 163 Gen Chem (4 credits): Meteorology requirement, LAS Natural Sciences requirement.

Chem 163L lab (1 credit): Meteorology requirement

Mteor 111 Syn. Applic. (1 credit): Meteorology requirement. Provides introduction to nomenclature, maps, etc. used by meteorologists.

Mteor 112x Geoscience Orient. (1 credits): Meteorology requirement

Econ 101 Principles Microeconomics (3 credits): Social Science LAS requirement

Lib 160 (.5 credits): University Required Course

Spring 2011

Total Credits: 18

Math 166 Calc II (4 credits): Meteorology requirement, LAS Math Discipline requirement, needed for meteorology in general.

Engl 250 Fresh Comp (3 credits): LAS Basic Education requirement.

Mteor 206 Intro to Meteorology (3 credits): Meteorology requirement

Physics 221/221L Classical Physics (5 credits): Meteorology requirement, LAS Natural Sciences requirement.

Soc 134 Intro to Sociology: Social Science LAS requirement

Fall 2011

Total Credits: 14

Stat 105 Intro Stat for Engineers (3 credits): Meteorology requirement.

Phys 222/222L Classical Physics (5 credits): Meteorology requirement

Relig 205 World Religions (3 credits): International Studies and Arts and Humanities LAS requirements

Env S 450 Issues Sustain Agri (3 credits): Environmental Studies requirement

Mteor 201 Orientation (R credit): Meteorology requirement

Spring 2012

Total Credits: 16

Math 266 Diff Eq (3 credits): Meteorology requirement

Mteor 301 Gen Mteor (4 credits): Meteorology requirement

Env 324 Energy and the Env. (3 credits): Environmental Studies requirement

Sp Comp 212 (3 credits): Meteorology requirement

Music 102 (3 credits): Arts and Humanities LAS requirement

Fall 2012

Total Credits: 17

Mteor 311 Intro. Syn. Mteor. (2 credits): Meteorology requirement

Mteor 341 Atmos Phys II (3 credits): Meteorology requirement

Mteor 404 Global Change (3 credits): Meteorology requirement

Env S/Bio 173 Environmental Biology (3 credits): Environmental Studies requirement

Comp. Sci 207 (3 credits): Meteorology requirement

Env. S 355 Environmental Literature (3 credits): Environmental Studies requirement

Spring 2013

Total Credits: 15

Mteor 342 Atmos Phys II (3 credits): Meteorology requirement

Mteor 443 Dyn Mteor (3 credits): Meteorology requirement

Env S 382 Environmental Sociology (3 credits): Environmental Studies requirement and Meteorology elective

Music 304 History of Rock'N'Roll (3 credits): LAS Arts and Humanities requirement

Eng 309 Report and Proposal Writing (3 credits): Meteorology requirement

Fall 2013

Total Credits: 12

Mteor 411 Syn Mteor (3 credits): Meteorology requirement

Mteor 454 Dyn Mteor II (3 credits): Meteorology requirement

Mteor 499 Senior Research (2 credits): Meteorology requirement

Mteor 435X Radar Meteorology (3 credits)

Mteor/Aero E 265 Scientific Balloon Engineering and Operations (1 credit)

Spring 2014

Total Credits: 12 credits

Mteor 432 Instrument and Measurement (3 credits): Meteorology requirement

Mteor 417 Meso. Lab (3 credits): Meteorology requirement

Env S 160 Water Resources of the World (3 credits): Environmental Studies requirement and Meteorology Elective

Mteor 489X Remote Sensing (3 credits): Meteorology requirement

Mteor 489XL Remote Sensing Lab (1 credit): Meteorology requirement