

Department of Meteorology Idealized Course Sequencing¹

General Option

(For students whose GENERAL YEAR (GEN YR) is Summer 2005 or after if EMS NON-UP Freshmen.)

c = CONCURRENT OR p = PREREQUISITE

FRESHMAN	FALL	SPRING
	3 Engl 015 or 030	4 Math 141 (p: Math 140)
	3 Chem 110	4 Phys 211 (c: Math 140)
1 or 1.5	(c) Chem 111 or	3 Gen Ed
	(d) Health and Physical Activity*	3 (a) Meteo 101, or
4	Math 140	(b) Gen Ed
1	First-Year Seminar	3 (c) Health and Physical Activity* or
<u>3</u>	Gen Ed	(d) 3 cr non-Meteo GN
15 or 15.5		<u>17</u>
SOPHOMORE	FALL	SPRING
	4 Math 230 (p: Math 141)	4 Math 251 (p: Math 141)
	4 Phys 212 (p: Math 140, Phys 211;	3 Engl 202C (p: Engl 015 or 030)
	c: Math 141)	3 CmpSc 101C or CmpSc 201C
	3 Gen Ed	or 201F (p: Math 140; c: Math 141)
	3 CAS 100A	3 Gen Ed
<u>0 or 1.5</u>	(c) none or (d) Health & Physical	<u>3</u> Gen Ed
	Activity*	16
14 or 15.5		
JUNIOR	FALL	SPRING
	3 (b) Meteo 201, or (a) Gen Ed	4 Meteo 411 (p: Math 230 or 231,
	4 Meteo 300 (c: Phys 21, Math 230	or 200A and 200B,
	or 231)	Meteo 300; c: Meteo 421 and Meteo 431)
	3 Meteo 431 (p: Phys 212, Math 141);	4 Meteo 421 (p: Meteo 300, Math 230 or 231;
	c: Meteo 300)	c: Meteo 431 and Phys 212)
	3 ENNEC 472 (p: Math 141) or Stat 301	3 Phys Meteo course ^{&} or Prof. Elect
	(p: Math 140) or 401 (p: Math 141)	3 Meteo 440W (p: Meteo 300, Meteo 431
<u>3</u>	Elective	and Stat 301, Stat 401 or ENNEC 472)
16		<u>14</u>
SENIOR	FALL	SPRING
	3 Prof. Elective	3 Prof. Elective
	3 Phys Meteo course ^{&} or Prof. Elect	3 Prof. Elective
	3 Meteo 473 (p: CmpSc 101C or 201C	3 Prof. Elective
	and c: Stat 301, 401 or ENNEC 472) or	
	Meteo 474 (p: Stat 301, 401 or ENNEC 472)	3 Prof. Elective
	3 Prof. Elective	<u>0 or 2</u> (d) None, or (c) 2 cr Elective
<u>3</u>	Prof. Elective	12 or 14
15		

[&]**Physical Meteo Course.** Choose one of: Meteo 436 (p: Phys 212, Math 141; c: Meteo 431); Meteo 437 (p: Meteo 431); Meteo 454 (p: Meteo 421, Meteo 431)

- (a) Meteo 101 track (b) Meteo 201 track
(c) Chem 111 track (d) non-Meteo Natural Science (GN) track

*Health and Physical Activity (GHA) courses vary from 1 to 3 credits.

¹ Most students deviate from this course sequencing because they need to satisfy prerequisites, wish to take courses not offered every semester, etc. Note that many students take courses in one or more summers, either at Penn State or another accredited college convenient to their home. Students wishing to transfer summer courses to Penn State should check with the Associate Head of Meteorology prior to the summer session.