

## Environmental Engineering (EnvE)

### Matriculation: F16

Name: \_\_\_\_\_

#### Pratt's General Education Courses (w/ some EnvE restrictions)

	Semester	Grade	Notes
1. WRITING 101 (20) .....			
2. MATH 111L (31L) or 21 (31) .....			
3. MATH 112L (32L) or 22 (32) or 122L (41L) .....			
4. MATH 212 (103) .....			
5. MATH 216 (107) .....			
6. MATH 353 (108) .....			
7. STA 130 (113) .....			
8. CHEM 101DL (31L) or 20 (18) or 21(19) .....			
9. PHYSICS 151L (61L) or 25 (61) .....			See Physics
10. PHYSICS 152L (62L) or 26 (62) .....			See Physics
11. <b>BIOLOGY 201DL</b> .....			See Biology
12. EGR 103L (53L) .....			E&AS: Digital systems
13. EGR 190, Engineering the Planet .....			See Intro
14. EGR 201L (75L) .....			E&AS: Mechanics-solids
15. EGR 305 (115) or <b>CEE 201L</b> .....			E&AS: Systems analysis
16. ME 331L (101L) or approved thermo course .....			E&AS: Thermo/Transfer

Free Elective	Mol	EI	Notes
17. _____ [1/0.5] _____ [-/0.5]			See Free, EI

SS/H Electives	AoK	Depth	Notes
18. _____ SS ALP CZ FL ○ EI			See SS/H, EI
19. _____ SS ALP CZ FL ○ EI			See SS/H, EI
20. _____ SS ALP CZ FL ○ EI			See SS/H, EI
21. _____ SS ALP CZ FL ○ EI			See SS/H, EI
22. _____ SS ALP CZ FL ○ EI			See SS/H, EI

#### EnvE Major Courses

22.5 EGR 206 (150) [0.5] .....			
23.5 EGR 244L (123L) .....			
24. CEE 205 (100) [0.5] .....			
25. CEE 301L (122L) .....			
26. CEE 302L (139L) .....			See Soils
27. <b>CEE 461L (120L)</b> .....			
28. <b>CEE 462L (124L)</b> .....			
29. <b>CEE 463L (123L)</b> .....			
30. <b>CEE 469 (193)</b> .....			
31. <b>CEE 560 (208)</b> .....			
32. Environ Sci Elective _____ .....			See EnvSci
33. Transport Elective _____ .....			See Transport
34. Unit Operation and Design Elective _____ .....			See UO&D

GENERAL NOTES: (1) This check sheet is terse; see Handbook for all details. (2) All courses are [1] unit, unless noted otherwise; (3) All courses must be successfully completed; no more than 2 courses with grade of D-, D, or D+.

Physics: At least 1 physics course must be taken at Duke. If AP credit for both 25 (61) & 26 (62), then one of 153L (63L), 264 (143), 361 (181), 362 (182), or 363 (176)) must be taken at Duke. Alternatively, AP credit for 26 (62) can be waived by taking 152L (62L). Cannot take 151 (61) and use AP for 26 (62)--unless the only physics AP credit you have is for 26 (62).

Intro: May be replaced with upper-level CEE course. EGR 190 may only be taken in 1<sup>st</sup> or 2<sup>nd</sup> year.

Biology: This is the NS elective for EnvE majors. May be replaced with an approved biology course.

Soils: May be replaced with an approved soil physics or earth science course.

EnvSci: CHEM 201DL (151L), CEE 563 (240), 566 (250), 661L (239L), 666 (235), ENVIRON 543A, 382LA, 383LA, or 573A.

Transport: BME 307, CEE 569 (229), 581 (245), 683 (227), 684 (224), EOS 272A, 315, 323, 273LA, ENVIRON 370A, 535, or 585A

UO&D: CEE 315 (185), 571 (249), 575 (247), 671 (243), 672 (248), 685 (246), or EGR 424L (190L).

SS/H: 5 courses from approved departments or programs (see Handbook); limit of 2 APs. 1 SS: 2 of the 3 areas: ALP, CZ, FL; 2 from the same department or program where 1 (cannot be AP) is upper-level. Only 1 AoK code can be applied per course.

Upper-level: Engineering courses = 300-level or higher (100- or 200-level). SS/H courses = 200-level or higher (100- or 200-level).

Free: The only courses of the 34 that may be taken Satisfactory/Unsatisfactory (S/U) are free electives. Minimal limitations apply, see Handbook.

EI: 1 of the 34 courses must have an ethical inquiry (EI) code. EI is a Mode of Inquiry (Mol).