

University of Illinois at Urbana-Champaign Engineering Pathways Plan of Study¹—Wilbur Wright College

Year 1

Fall

Calculus and Analytic Geometry I	MATH-207	5
General Chemistry I	CHEM-201	5
Composition I	ENGLISH-101	3
Economics, Micro- or Macro-	ECON-202 or 201	3
College Success Seminar	INTDSP-101	3
		19

Spring

Calculus and Analytic Geometry II	MATH-208	5
General Chemistry II	CHEM-203	5
Composition II	ENGLISH-102	3
Engineering Physics I	PHYSICS-235	5
		18

Year 2

Fall

Calculus and Analytic Geometry III	MATH-209	5
Engineering Physics II	PHYSICS-236	5
Introduction to Computing/Computer Science	varies by major ²	3
Statics	PHYSICS-215	3
		16

Spring

Differential Equations	MATH-210	3
Engineering Physics III	PHYSICS-237	5
*		3-4
*		3
liberal education course ³		3
		17+

*major-specific technical courses selected in consultation with advisor

¹ Engineering Pathways is a cohort-based experience. As such, all technical coursework listed in the plan of study must be completed for a grade while enrolled in the program—this includes chemistry, computer science, mathematics, physics, and engineering. Advanced Placement (AP) or other credit applied toward English, economics, and liberal education courses requires an appropriate substitution to maintain total number of hours per semester.

² The Introduction to Computing/Computer Science requirement will be selected in consultation with an advisor. Course options vary by majors and minors of interest and include—CIS 142, 242.

³ Credit for at least three liberal education courses, including economics, must be earned prior to transfer. The third course is not listed in a specific semester on the plan of study and may be completed via AP or dual credit, taken during a summer session, or added to a fall/spring term schedule.