

Plan II Math/Science Substitutions (*all catalogs*) Updated 2/23

Requirement:	Plan II Courses	Exceptions & Substitutions	Majors Using Exceptions
Logic / Modes of Reasoning	PHL 313Q/ T C 310	ASE 211K or COE 311K AFR 302M or SDS 311C ARC 311K C E 311K STA 235 AND D S 235 (formerly STA 371H or 375H or 371G) SDS 320E (formerly SDS 328M) SDS 320E (formerly SDS 328M) SDS 320H or 325H BME 335 CHE 348 C E 311K COE 211K or 311K C S 311 or 311H ECO 329 E E 312 or 312H C E 311K PGE 310 HDF 315L M 362K or 325K or 325KH or M 341 M E 318M PGE 337 PHY 329 PSY 420M (formerly PSY 418) S W 318 SOC 317L	Aerospace Engineering African & African Diaspora Studies Architecture Architectural Engineering Business/Business Honors Business/ Business Honors Biology / Public Health Biochemistry / Neuroscience Biochemistry Biomedical Engineering Chemical Engineering Civil Engineering Computational Engineering Computer Science / Dean's Scholars Economics Electrical & Computer Engineering Environmental Engineering Geo. Engineering & Hydrogeology Human Development/Fam. Science Mathematics Mathematics Mechanical Engineering Petroleum Engineering Physics Psychology Social Work Sociology Anyone may use these substitutions
Math	M 310P	M 408C + M 408D M 408K/R + M 408L + M 408M M 408N/R + M 408S + M 408M M 408Q + M 408L + M 408M AP credits in calculus may fulfill part or all of this requirement (DS and Mathematics majors may take alternative math sequence)	Engineering, Business, Natural Sciences & Economics majors require some calculus Anyone may use these substitutions
Biology	BIO 301E	BIO 311C + BIO 311D BIO 315H (BME majors may substitute BIO 311C + BIO 325 OR BME 353)	Biology, BME, and pre-med require these courses Anyone may use these substitutions

Requirement:	Plan II Courses	Exceptions & Substitutions	Majors Using Exceptions
Physics	PHY 321	<p>Plan II Nutrition* (NTR 365, one topic only Ntr Biochem: Busting Nutrition Myths)</p> <p>Plan II Biodiversity* (BIO 337, one topic only Biodiversity in the Anthropocene)</p> <p>Six upper-division credit hours from the following:</p> <ul style="list-style-type: none"> • Biochemistry • Chemistry (CH) – excluding 371K, 372C, 644, 144K, 144L, 368L • Physics (PHY) • Neuroscience (NEU) • ASE, ARE, BME, C E, CHE, COE, E E, EVE, M E, PGE • NTR 342 + upper division BCH course (excluding BCH 369K) <p>Fields of study may be combined.</p>	<p>Plan II</p> <p>Biochemistry, Biomedical Engineering, Chemistry, Neuroscience, Nutrition, and Physics majors require these courses; some Engineering, other Natural Science majors, or pre-med students may also take these courses.</p> <p>Fields of study may be combined.</p> <p>Anyone may use these substitutions</p>

See your advisor with questions about how these substitutions apply to your academic plan.