

BUILD PODER

Course Requirements

You might wonder why you are taking advanced research methods courses on top of your BUILD PODER research experience. There are several reasons for these requirements based on the literature and past NIH programs, prominent among them are: (a) the courses build skills useful, most times, in your mentor's research laboratory, enhancing the quality of the lab's work, (b) the courses set you apart from other graduate applicants who are less likely to have advanced methods courses, giving you "value added" on top of similar students, (c) research courses help you to think like a professional and a scholar, enhancing your longer-term goals and making it MUCH easier in your graduate program to sail through sometimes difficult courses. We are here for you during difficult courses so that when you get to your graduate program, even if you're not supported by BUILD PODER nor trained mentors, you will be competent and able to succeed. We want you to succeed in the long run. Graduate school is hard. Advanced methods courses are hard. Start out in a nurturing environment, and you will finish strong! We see you, ten years down the line, USING these skills in your own labs. That's why!

All Students	PSY 492 in your first semester of the program PSY 493 in the Spring of your Junior or Senior Year BIOL 490 in either the Fall or the Spring of your Senior Year
Anthropology	PSY 485 GT/S in your Junior Year
Biology/Biochemistry/Biotechnology/ Pre-Med	BIOL 247 in your first semester in the program & BIOL 447/L in the Spring of your Junior Year
Chemistry	TBD
Child and Adolescent Development	PSY 485 GT/S in your Junior Year & PSY 485 AD/S in your Junior Year
Communication Disorders Speech Language Pathology	PSY 485 GT/S in your Junior Year
Computer Science	COMP 490/L & COMP 491/L
Environmental & Occupational Health	HSCI 390/L & EOH 696A
Family and Consumer Sciences	PSY 485 GT/S in your Junior Year
Health Administration Public Health	PSY 485 GT/S in your Junior Year
Geography	GEOG 404 or GEOG 490 & GEOG 408 or GEOG 482 or GEOG 486
Kinesiology	KIN 445 in your Junior Year & KIN575/L in the Spring of your Senior Year.
Manufacturing Systems and Engineering Management	MSE 302 & MSE 494C
Mathematics	MATH 440 A & MATH 493 OR MATH 494
Mechanical Engineering	ME 335/L in the Fall of your Junior Year
Nursing	NURS 310 in the Fall & HSCI 442 or 478
Psychology	PSY 485 GT/S in your Junior Year & PSY 485 AD/S in your Junior Year
Physics	PHYS 497 in the Spring of your Senior Year
Sociology Social Welfare & Social Justice	PSY 485 GT/S in your Junior Year & SOC 497/L in your Junior Year