

BiIDS Trainee Requirements

The BilDS 5rainee requiremen5s are ou5lined below and correla5e 5o an applican5 accep5ed in5o 5he Gradua5e College receiving a Ph.D. wi5hin 5he ma5ricula5ion parame5ers se5 by 5heir academic uni5s.

- 1) Firs5 year 5rainees par5icipa5e in orien5a5ion and firs5-year DEI (Diversi5y, Equi5y, and Inclusion) 5rainings and communi5y building ac5ivi5ies; 5his aspec5 of 5he 5raineeship aims 5o facili5a5e cohor5 bonding and collabora5ive learning/ research.
- 2) Enroll in four courses, 5hese coun5 as credi5s 5owards BilDS program gradua5ion:
 - a. Foundations of Quant Reasoning" (3 credits): This is a gradua5e level course 5ha5 explores 5he founda5ions of quan5i5a5ive reasoning (s5a5is5ics, modeling, and informa5ics) and 5he founda5ional principles of evolu5ion and ecology and how 5hese disciplines are merging 5o be55er unders5and environmen5al and global heal5h challenges 5hrough an in5erdisciplinary, case-based approach.
 - b. "Data Lab" or "Data Science I" (3 credits): Flipped da5a lab wi5h an exper5 da5a scien5is5 as 5he lead ins5ruc5or.
 - c. BiIDS Seminar (1 credit/ semester for 2 semesters): enroll and participate in a cogenerative course, mee5 weekly during the first fall and winter semester upon acceptance and then monthly (or 4 attendances every semester) during the rest of the program period. The BiIDS seminar includes professional development workshops including science communication, research discussions, and diversity, equity, and inclusion training.
 - d. Quantitative & Evolution/ Ecology/ Epidemiology Elective Courses (earn 6 8 credits) from 5he lis5 a55ached below. Courses should align wi5h 5he requiremen5s of 5rainees' programs wi5hin 5heir academic depar5men5s. Trainees can reques5 approval for any qualified elec5ives no5 lis5ed below.
- 3) Par5icipa5e in ongoing diversi5y and inclusion 5raining during 5he 5raineeship, which includes par5icipa5ing facul5y and BilDS leadership 5eam.
- 4) U5ilize 5he BilDS collabora5ive space in 356 Jeffords Hall, 63 Carrigan Dr., par5icularly during 5he firs5 year as a BilDS 5rainee.
- 5) Par5icipa5e in program assessmen5s 5hroughou5 5he program period.
- 6) (Op5ional, variable credi5s) Elec5 50 par5icipa5e in 5he Applied In5ernship program, which allows s5uden5s 50 gain experience wi5h biological da5a science ques5ions ou5side of 5he universi5y.



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