

LIFE SCIENCES AND CLINICAL INVESTIGATION DUAL DEGREE MS/PHD

Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (<https://catalogs.northwestern.edu/tgs/academic-policies-procedures/>).

PhD/MS

Total Units Required for the combined PhD/MS Degree: 12

Courses Required by DGP for PhD Component

Total DGP courses: 6

Course	Title
Core Courses	
DGP 402-0	Fundamentals of Biomedical Sciences 1
DGP 404-0	Fundamentals of Biomedical Sciences 2
DGP 484-0	Quantitative Biology: Statistics and Data Analysis for Life Scientists
DGP 496-3	Introduction to Life Science Research

Elective Courses

Three DGP electives of the student's choice in consultation with their adviser(s)

Courses Required by Clinical Investigation for the MS Component

Total MSCI courses: 6

Course	Title
Core Courses	
MSCI 321-1	Biostatistics for Clinical Investigators 1
MSCI 322-0	Introduction to Epidemiology for Clinical Investigators
MSCI 335-0	Clinical Trials
MSCI 421-0	Biostatistics for Clinical Investigators 2

Elective Courses

Three additional elective units ¹

¹ One DGP elective course is accepted. The remaining two electives must be taken from the MSCI elective list (<https://www.nucats.northwestern.edu/training/investigator-development/msci/curriculum.html>).

Thesis and Research Requirements

DGP/MSCI students will be subject to all other DGP requirements (<https://catalogs.northwestern.edu/tgs/driskill-graduate-training-life-sciences/>). These include:

- Passing the qualifying exam and generating a suitable thesis.
- Dual degree candidates must meet with the MSCI co-director twice a year to update progress towards the MSCI degree requirements.

Simultaneous Award of PhD and MS

Students will not be granted the MS prior to completion of all PhD requirements. Graduation will be simultaneous for both degrees, even in cases where MS requirements are fulfilled in time for an earlier graduation date.