

GENETICS MINOR

<http://colsa.unh.edu/mcbs/genetics/minor-genetics>

Description

Students in other majors who wish to develop a focus in the area of genetics and genomics can complement their major academic program with a minor in genetics. The minor consists of a minimum of 20 credits, no more than 8 of which can also be used to fulfill major requirements.

A C average (2.00) is required in courses that the minor department approves. It is the student's responsibility to file an Intent to Minor form with the GEN minor advisor by the end of the junior year and to complete a Certification of Completion of Minor (<http://www.unh.edu/registrar/forms/minorform.pdf>) form during their final semester at UNH.

Requirements

Required Course

GEN 604	Principles of Genetics	4
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Choose at least one Transmission/Population Genetics course and one Molecular Genetics course. To reach the minimum of 20 credits for the minor, 4 credits of GEN 795 Investigations in Genetics may be used.

Transmission/Population Genetics Courses (Choose at least One)

NR 664	Conservation Genetics	4
GEN 705	Population and Quantitative Genetics	4
GEN 713	Microbial Ecology and Evolution	4
GEN 715	Molecular Evolution	4
GEN 772	Evolutionary Genetics of Plants	4

Molecular Genetics Courses (Choose at least One)

BMCB 754	Molecular Biology Research Methods	5
GEN 704	Genetics of Prokaryotic Microbes	5
GEN 711	Genomics and Bioinformatics	4
GEN 712	Introduction to Programming for Bioinformatics	4
GEN 717	Molecular Microbiology	5
GEN 721	Comparative Genomics	4
GEN 771	Molecular Genetics	4
GEN 774	Techniques in Plant Genetic Engineering and Biotechnology	4