

GENETICS MINOR

<https://colsa.unh.edu/molecular-cellular-biomedical-sciences/program/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.

Requirements

The minor consists of a minimum of 20 credits, completed with a grade of C-minus or better.

No more than 8 credits used to fulfill major requirements may be used for the minor.

A C average (2.00) is required in courses that the minor department approves.

A maximum of 4 credits of GEN 795 Investigations in Genetics may be used to fulfill minor requirements.

Pass/fail courses cannot be used for the minor.

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](#) form during their final semester at UNH.

Required Course

Code	Title	Credits
GEN 604	Principles of Genetics	4

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)

Code	Title	Credits
GEN 705	Population Genetics	3
GEN 725	Population Genetics Lab	2
GEN 706	Human Genetics	4
GEN 713	Microbial Ecology and Evolution	4
GEN 715	Molecular Evolution	4
GEN 772	Evolutionary Genetics of Plants	4
NR 664	Conservation Genetics	4

Molecular Genetics Courses (Choose at least One)

Code	Title	Credits
GEN 704	Genetics of Prokaryotic Microbes	5
GEN 711	Genomics and Bioinformatics	4
GEN 712	Programming for Bioinformatics	5
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
BMCB 754	Molecular Biology Research Methods	5