

The Ohio State University
College of Arts and Sciences

Molecular Genetics Minor (MOLGEN-MN)

Department of Molecular Genetics
105 Biological Sciences Building
484 West 12th Avenue
Columbus, OH 43210
Phone: 614-292-8084

Molecular Genetics Minor:

Students can earn the Molecular Genetics Undergraduate Minor by completing the necessary prerequisites and the Molecular Genetics core series of classes. The minor program must be approved by a major advisor from the Department of Molecular Genetics ([see Advising to find your major advisor](#)). Students who started the Molecular Genetics minor under the quarter system and graduate under the semester system should contact their Molecular Genetics major advisor for specific advice on completing the minor under the semester system.

Required Prerequisites:

- Biology 1113 and 1114
- Chemistry 1210 and 1220
(Honors or more advanced versions of these prerequisites may be substituted)

Required Core Courses:

- One of the following courses:
Molecular Genetics 4500, 4500E, or 4606
- At least two of the following courses:
Molecular Genetics 4700, 5607 (or 5607E), 5608 (or 5608E), or 5645 (note that 4700 can not be taken by students who have credit for both 5607 and 5608)

Elective courses (core plus electives must total at least 14 semester hours):

- Other courses listed in the core above
- Molecular Genetics courses:
2220H, 2690, 4503, 4591S, 5193, 5194, 4703, 5300, 5601 or 5602, 5632, 5650
- Up to 3 semester credit hours of MOLGEN 4998 (or 4998H) Undergraduate Research and/or 4999 (or 4999H) Thesis Research can count towards the Molecular Genetics minor. Credit hours of 4999 or 4999H that are fulfilling a requirement for a research thesis can NOT count towards the minor.

- Other Life Sciences courses (at most one course from outside Molecular Genetics):
Microbiology 4130, 5161H
- Other elective courses may be substituted with permission of advisor.

Molecular Genetics minor program guidelines

Required for graduation No

Credit hours required: 1000-level courses shall not be counted in the minor. At least 6 credits must be upper-level courses.

Transfer and EM credit hours allowed

A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor

Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

5193 credits No more than 3 credit hours.

Minor approval The minor course work must be approved by the academic unit offering the minor.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the academic unit offering the minor.

College of Arts and Sciences
Curriculum and Assessment Services
154 Denney Hall, 164 W. 17th Ave.
<http://artsandsciences.osu.edu>

DH 8/9/12
Updated 8/13/12 DH
BV 7-7-15
DH 7-30-19