

GENETICS IN A MODERN WORLD, CERTIFICATE

REQUIREMENTS

REQUIREMENTS

| Code | Title | Credits |
|--------------------------------------|---------------------------|-----------|
| Foundation Courses | | |
| Complete the following courses: | | |
| GENETICS 133 | Genetics in the News | 3 |
| GENETICS 234 | Genomes and Society | 3 |
| Interdisciplinary Electives | | |
| Complete one course. See list below. | | 3 |
| Integration Course | | |
| Complete the following course: | | |
| GENETICS 335 | Genomes in a Modern World | 3 |
| Total Credits | | 12 |

INTERDISCIPLINARY ELECTIVES

| Code | Title | Credits |
|-----------------------------|---|---------|
| ZOOLOGY 415 | Genetics of Human History | 3 |
| PLANTSCI 340 | Plant Genome Engineering and Editing | 3 |
| PLANTSCI 338 | Plant Breeding and Biotechnology | 3 |
| MED HIST/PATH-BIO 370 | Addressing Controversy: The Science, Ethics, and Public Discussion of Animal Research | 3 |
| MED HIST/C&E SOC/PHILOS 565 | The Ethics of Modern Biotechnology | 3 |
| PSYCH 601 | Current Topics in Psychology | 3 |
| PSYCH 603 | Epigenetics and the Brain | 3 |
| RELIG ST/JEWISH 340 | The American Jewish Life of DNA | 3 |
| GEN&WS 530 | Biology and Gender | 3 |
| HIST SCI 133 | Biology and Society, 1950 - Today | 3 |
| ANTHRO 304 | Heredity, Environment and Human Populations | 3 |
| PUB AFFR 523 | Policy, Privacy, and Personal Identity in the Postgenomics Era | 3 |

Additional Requirements:

- 2.000 GPA in certificate courses.
- At least 50% of certificate courses taken in-residence (i.e. at UW-Madison or through a UW-Madison sponsored study abroad program.)
- Courses taken on a pass/fail (satisfactory/unsatisfactory) basis will not count toward the certificate.

CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.