

GENETICS IN A MODERN WORLD, CERTIFICATE

LEARNING OUTCOMES

LEARNING OUTCOMES

1. Explain current topics in genetics and genomics by applying basic genetic knowledge and simple scientific methodologies from current research.
2. Engage in dialogue about the implications of genetics and genomics on everyday life, addressing ethical, societal, legal, and/or scientific perspectives.
3. Describe applications, practices, and policies to address ethical, economic, environmental, legal, and/or social challenges and opportunities created by genomics- based innovations.
4. Integrate life sciences and humanities/social sciences perspectives to address current questions related to ethics, history, social science, and/or public policy, and their interaction with contemporary genetics and genetics research.
5. Present your interdisciplinary perspective on the relationship between genomes and society to diverse audiences.