

PMGCG 803 : Application of Precision Medicine to Cardiovascular Diseases

This course covers polymorphisms related to cardiovascular disease, including genes that contribute to the development of heart disease, atherosclerosis, and stroke. Students review how these genetic risk factors were identified and linked to cardiovascular disease. They also learn about the interplay of lifestyle factors with genetic risk factors in the development of cardiovascular disease. Students completing this course will demonstrate an understanding of gene variants involved in increasing the risk of cardiovascular disease and be able to describe the role that lifestyle choices play in development of cardiovascular disease.

College

Post Graduate Certificate in Precision Medicine

Credits 1.0**Prerequisites**

PMGCG 501: Introduction to Genetics and Genomics

PHIDG 1502: Integrated Sequence 2