COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)

CSAM 101 Science Matters (4 credits)
This is the first course in a two-semester sequence addressing scientific literacy for students who have an interest in science. This course explores not only scientific content, but also issues in society that are influenced by science. The goal of this course is to prepare students to think critically and to understand the process of science regardless whether they choose a science major or not. Students will be introduced to scientific thinking, processes, and research through investigation of public, social, and cultural issues that may affect them locally, nationally, and globally. Students will be empowered to conduct research, investigate claims, locate and validate scientific data and sources, question cultural myths, and expand their scientific literacy. Meets Gen Ed - Natural Science Laboratory.

CSAM 102 Science Matters Too (4 credits)
Prerequisite(s): CSAM 101. Restriction(s): Participation in STEM Pioneers program or permission of instructor. This is the second course in a two-semester sequence addressing scientific literacy for students who have an interest in science. This course expands the introductory topics and activities of CSAM 101 to deepen students’ engagement in scientific content, but also issues in society that are influenced by science. The goals of both courses is to prepare students to think critically and to understand the process of science regardless whether they choose a science major or not. Students will be further immersed into the concepts and practice of scientific thinking, processes, and research through investigation of public, social, and cultural issues that may affect them locally, nationally, and globally. Students will be empowered to conduct research, investigate claims, locate and validate scientific data and sources, question cultural myths, and expand their scientific literacy. Meets Gen Ed - Interdisciplinary Studies.