GS - GENERAL SCIENCE

GS104 Physical Science - Physics
Credits 4
Registration Requirement: RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or better, or placement above stated course levels. The concepts of motion, forces, gravitation, radioactivity, energy, power, heat and light are approached from a conceptual point of view. The laboratory is utilized to investigate specific questions that arise in the lecture.
Additional Course Fee: $25.00
This course fulfills: Lab Science

GS105 Environmental Chemistry
Credits 4
Registration Requirement: RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or higher, or placement above stated course levels. This one-term course is designed for non-science majors who do not have a chemistry background. It fulfills a general education science with laboratory requirement. This class explains a number of chemical concepts that underlie many societal issues such as global warming, acid rain, alternative fuels, air quality and nuclear energy. Basic chemistry principles are explored which include the structure of atoms and molecules, chemical bonds, chemical reactions, acids and bases and nuclear chemistry. All GS105 courses are equivalent; only one may be used to fulfill degree requirements.
Additional Course Fee: $25.00
This course fulfills: Lab Science

GS105A Chemistry for the Consumer
Credits 4
Registration Requirement: RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or better, or placement above stated course levels. This one-term course is designed for non-science majors who do not have a chemistry background. It fulfills a general education science with laboratory requirement. This class explains a number of chemistry concepts using common, everyday items such as soaps and detergents, plastics, fuels, sunscreens and foods. Basic chemistry principles are explored which include the structure of atoms and molecules, chemical bonds, chemical reactions, acids and bases and nuclear chemistry. All GS105 courses are equivalent; only one may be used to fulfill degree requirements.
Additional Course Fee: $25.00
This course fulfills: Lab Science

GS105B Chemistry of Food and Cooking
Credits 4
Registration Requirement: RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or better, or placement above stated course levels. This one-term course is designed for non-science majors without any previous chemistry background and fulfills a general education science with laboratory requirement. This class illustrates various foundational chemistry principles as they relate to food and cooking, such as recipe measurements, flavor molecules, heat transfer, food calories, carbohydrates, proteins, and fats. Basic chemistry principles are explored which include the structure of atoms and molecules, chemical bonds, chemical reactions, acids and bases, and nuclear chemistry. All GS105 courses are equivalent; only one may be used to fulfill degree requirements.
Additional Course Fee: $25.00
This course fulfills: Lab Science

GS106 Physical Science: Geology
Credits 4
Registration Requirement: RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or better, or placement above stated course levels. MTH058/060 recommended. The earth science emphasis of physical science explores the various ways in which the earth's crust is being changed. Elements of oceanography and geomorphology are combined with geology to provide an overview for students. The evolution of land forms in Oregon is emphasized. Students must attend one of the offered field trips or do a related field project. Not sequential.
Additional Course Fee: $30.00
This course fulfills: Lab Science

Course fees are subject to change. Additional section fees (web, hybrid, etc.) may apply.