CH375 **INTRODUCTION TO BIOLOGY** **3.5 Credit Hours**

(BS=3.5,ET=0.0,MA=0.0)

Scope: 2013-1

Offerings:
2013-2 2014-1 2014-2
2015-1 2015-2

This course consists of an examination of the unity and diversity of life. It investigates why there are so many different lifeforms and proceeds through Mendelian Genetics, the discovery of cells and chromosomes, DNA replication, and genetic expression. These topics then
serve as a foundation knowledge supporting the study of population genetics, biodiversity, bioenergetics, animal and plant physiology, population ecology and ecosystem ecology. Emphasis is placed on related course material to current environmental issues and disease, particularly as these areas apply to military operations.

Lessons: 40 @ 55 min (2.500 Att/wk) **Labs:** 7 @ 120 min

Special Requirements: None

Prerequisite(s): CH101
-Or- CH151