

**Curriculum Guidelines for the Program in Science Education**  
**Core Science Requirements**

Core Science Requirements (36-38 credits):

**BIO 101** Principles of Biology I 3 credits

**BIO 101L** Principles of Biology I Laboratory 1 credit

**BIO 102** Principles of Biology II 3 credits

**BIO 102L** Principles of Biology II Laboratory 1 credit

**CHEM 105** General Chemistry I 3 credits

**CHEM 105L** General Chemistry I Laboratory 1 credit

**CHEM 106** General Chemistry II 3 credits

**CHEM 106L** General Chemistry II Laboratory 1 credit

**ENVI 110** Introduction to Environmental Sciences 3 credits

**ENVI 110L** Environmental Sciences: Human and Environmental Change Laboratory 1 credit

**ENVI 170** Earth Science 3 credits

**ENVI 170L** Earth Science Laboratory 1 credit

**MATH131** Calculus I 4 credits

Also Required for Biology Major, Earth Space Science, Chemistry (BA), Middle School Science Concentration:

**PHYS 105** General Physics I 3 credits

**PHYS 105L** General Physics I Laboratory 1 credit

**PHYS 106** General Physics II 3 credits

**PHYS 106L** General Physics II Laboratory 1 credit

Also Required for Physics Majors and Chemistry (BS):

**PHYS 115** University Physics I 4 credits

**PHYS 115L** University Physics I Laboratory 1 credit

**PHYS 116** University Physics II 4 credits

**PHYS 116L** University Physics II Laboratory 1 credit