

# SCIN - INTEGRATED SCIENCES

SCIN 101 Integrated Sciences I. 1-3 Credits

Term Typically Offered: Fall

Prerequisite(s): M 095.

Corequisite(s): SCIN 102.

Introduces the concepts and methodology of science by integrating biology, chemistry, physics and geology to investigate specific relevant topics. In particular, the themes of organization, energy, transformation, and diversity are explored in relation to each scientific discipline. Emphasizes conceptual rather than mathematical treatment; however, basic algebra skills are required. Lab required.

Lecture Hours 1-3

Department: Sciences - Biology & Phys Sci

SCIN 102 Integrated Sciences Lab. 1 Credit

Term Typically Offered: Fall

Corequisite(s): SCIN 101.

Enhances the lecture material of SCIN 101 through experimental activities.

Lab Hours 1

Department: Sciences - Biology & Phys Sci

SCIN 103 Integrated Sciences II. 3 Credits

Term Typically Offered: Spring

Prerequisite(s): SCIN 101.

Corequisite(s): SCIN 104.

Continues to apply the concepts and methodology biology, chemistry, geology, and physics to additional topics. Further details of the application of organization, energy, transformation, and diversity are explored.

Lecture Hours 3

Department: Sciences - Biology & Phys Sci

SCIN 104 Integrated Science Lab II. 1 Credit

Term Typically Offered: Spring

Prerequisite(s): SCIN 102.

Corequisite(s): SCIN 103.

Enhances lecture material of SCIN 103 through experimental activities.

Lab Hours 1

Department: Sciences - Biology & Phys Sci

SCIN 291 Independent Study. 6 Credits

Department: Sciences - Biology & Phys Sci

SCIN 490 Internship. 1-3 Credits

Prerequisite(s): Elementary Education major or Special Education major; completion of PHSX 105, BIOB 101 or equivalents with grade B or higher and consent of instructor.

Provides opportunity of direct use of teaching skills in science areas under a supervised setting in college laboratories and lectures.

Department: Sciences - Biology & Phys Sci

SCIN 491 Independent Study. 1-4 Credits

Prerequisite(s): Completion of PHSX 105, BIOB 101 or equivalents, consent of instructor and consent of department chairperson.

Designed to provide the student with the opportunity to study any aspect of integrated sciences which is not offered directly as a course.

Department: Sciences - Biology & Phys Sci

SCIN 492 Seminar. 1-3 Credits

Prerequisite: Completion of PHSX 105 or equivalent with a grade B or higher.

Provides students in elementary education and/or special education an opportunity to investigate science topics pertinent to the teaching of science at the elementary school level.

Department: Sciences - Biology & Phys Sci

SCIN 493 Workshop.

1-4 Credits

Prerequisite(s): Completion of PHSX 105, BIOB 101, or equivalents, and consent of instructor.

Provides opportunity for experimental and/or library research study in integrated areas of the sciences.

Department: Sciences - Biology & Phys Sci