SCIENCE APPLICATIONS (SCIA)

SCIA F105   Field Biology
2 Credits
Offered Summer
Students will learn some of the techniques that are employed by wildlife biologists to study plants, fish and animals in the field and establish use of the scientific method through a student research project.

Lecture + Lab + Other: 20 + 20 + 0

SCIA F150   Subarctic Horticulture
1 Credit
Offered As Demand Warrants
Soils, plant propagation, disease and insect control, variety selection, fertilization, greenhouse construction and care and gardening techniques. Emphasis on development and care of greenhouses and gardens in the Nome area.

Lecture + Lab + Other: 0 + 3 + 0

SCIA F150P   Subarctic Horticulture
1 Credit
Soils, plant propagation, disease and insect control, variety selection, fertilization, greenhouse construction and care and gardening techniques. Emphasis on development and care of greenhouses and gardens in the Nome area.

Lecture + Lab + Other: 1 + 0 + 0

SCIA F157   Alaska Plants  (n, a)
1 Credit
Offered As Demand Warrants
Introduction to the topics of plant taxonomy and identification with specific reference to common Alaskan plants and vegetation types.

Lecture + Lab + Other: 1 + 0 + 0

SCIA F161   Birds of Alaska  (a)
1 Credit
Offered As Demand Warrants
Biology of birds including behavior, anatomy, physiology, ecology, systematics and field identification.

Lecture + Lab + Other: 1 + 0 + 0

SCIA F162   Mammals of Alaska  (n, a)
1 Credit
Offered As Demand Warrants
Introduction to the mammals of Alaska and their importance to the local ecology and economy from a scientific research standpoint. Emphasis on important and/or common species for study of classification, habitat, life cycle and economic importance.

Prerequisites: Background or interest in general science or natural history.

Lecture + Lab + Other: 1 + 0 + 0