

200. Principles and Great Experiments in Biology (2)

Development and influence of current biological thought.

202. Cytogenetics (3)

Prerequisite: Biol 120. Seminars in structure, behavior, and function of chromosomes.

204. Biology of Speciation (2)

Prerequisite: Biol 120 and an evolution course or permission of instructor. Evolution of the species as a unit of biological organization.

206. Principles of Taxonomy (2)

Zoological nomenclature and related fields.

208. Field Work in Biology (1-6; max total 6)

Prerequisite: permission of instructor. Botanical and zoological field studies.*

210. Parasitic Protozoa (3) (Former Biol 270T section)

Prerequisite: Zool 108 or permission of instructor. A systematic survey of parasitic protozoa. (2 lecture, 3 lab hours)

212. Helminthology (3) (Former Biol 270T section)

Prerequisite: Zool 108 or permission of instructor. A systematic survey of parasitic helminths. (2 lecture, 3 lab hours)

220. Insect Toxicology (3)

Prerequisite: Ent 101, Chem 8. Mode of action of insecticides and other toxicants in insects and other animals; physical and chemical properties. (2 lecture, 3 lab hours)

225. Insect Taxonomy (2; max total 4)

Prerequisite: Ent 101, 115. Identification and classification of major and specific groups of family and generic status. (6 lab hours)

240. Systems Ecology (3) (Former Biol 260T section)

Prerequisite: Biol 140, Math 70, or permission of instructor. Quantitative approach to the analysis of whole ecosystems including data acquisition and statistical treatment, conceptual and mathematical ecosystem modeling, and computer simulations in FORTRAN or BASIC. No programming experience needed. (2 lecture, 3 lab hours)

250. Scientific Research Reporting (2)

Prerequisite: permission of instructor. Techniques of scientific drawing and writing, illustrating emphasized. (1 lecture, 3 lab hours)

255T. Topics in Botany (2-3; max total 8)

Prerequisite: permission of instructor. Investigation of new fields, areas not in current courses, or advanced studies in a given area.

260T. Topics in Biology (2-3; max total 8)

Prerequisite: permission of instructor. Investigation of new fields, areas not in current courses, or advanced studies in a given area.

265T. Topics in Physiology (2-3; max total 8)

Prerequisite: permission of instructor. Investigation of new fields, areas not in current courses, or advanced studies in a given area.

270T. Topics in Zoology (2-3; max total 8)

Prerequisite: permission of instructor. Investigation of new fields, areas not in current courses, or advanced studies in a given area.

* Late afternoon, Saturday and/or overnight field trips may be required.