BIOLOGICAL SCIENCE B S

College of Natural Science
The content of courses 400, 405, and 420, as well as the research and problems courses 499, 500 and 890, may vary from term to term. Brochures giving detailed information about individual courses are available in the Office of the Assistant Dean for Lifelong Education in the College of Natural Science. These courses are primarily designed for in-service teachers and interested adults and are offered in off-campus locations.

202. Introductory Biology for Non-Science Majors
Fall, Winter, Spring. 4(3-3) 12 credits in general education natural science courses. Concepts, procedures, and perspectives appropriate to developing a basic literacy in biology with emphasis on fundamental biological principles and their relation to world society. Appropriate preparation for pre-service elementary teachers.

210. General Biology
Fall, Spring. 4(4-2) Not open to students with credit in LBS 141. Principles of biological organization: scientific method, biochemistry, cell biology, and evolution.

211. General Biology
Fall, Winter, 4(4-2) 1EM 140 or high school chemistry. Not open to students with credit in LBS 242. Principles of biological regulation and integration: genetics, development, and selected physiological topics.

212. General Biology
Winter, Spring. 4(4-2) Not open to students with credit in LBS 140. Principles of biological diversity: taxonomy and systematics, comparative physiology, and ecology.

399. Master's Thesis Research
Fall, Winter, Spring. Variable credit. Approval of department.

450. Topics in Biological Science
Fall, Winter, Spring. 1 to 3 credits. May reenroll for a maximum of 10 credits if different topics are taken. Approval of department. Topics will be selected from the areas of biochemical genetics, biochemistry of development, biochemical evolution, complex proteins, lipid metabolism, immunology, hormones, control mechanisms and structure of biological macromolecules.

460. Oral Pathology
Fall, Winter, Spring. 2 to 4 credits. May reenroll for a maximum of 12 credits. Approval of director of biological science program and student's adviser.

560. Acupuncture and Other Peripheral Stimulation Therapy
Winter. 1 to 3 credits. Approval of department. Clinical application of traditional Chinese acupuncture and related peripheral stimulation therapies.

561. Clinical Craniosacral Manipulative Therapy
Spring. 1 to 3 credits. Approval of department. Basic concepts of the craniosacral system, clinical applications.

590. Special Problems in Biomechanics
Fall, Winter, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 22 credits. Approval of department. Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.

888. Laboratory Rotation
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. Graduate student majors; approval of department. Participation in research laboratories to learn experimental techniques and research approaches, broaden research experience, and assist research interests prior to selecting a thesis adviser.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.