## CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

## **NEW COURSE PROPOSAL**

PROGRAM AREA	FΑ
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1.	Catalog Description of the Course. [Include the course prefix, number, full title, and units. Provide a course narrative
	including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be
	repeated to a maximum of units); time distribution (Lecture hours, laboratory hours); non-traditional grading
	system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]

## BIOL 210. HUMAN ANATOMY AND PHYSIOLOGY I (4)

Three hours of lecture and three hours of laboratory per week.

Study of gross and microscopic anatomy and physiology of the human body. Topics include homeostasis, cell structure/function, histology, the skeletal system, the muscular system, the digestive system and the nervous and sensory systems. A lab fee is required.

2. Mode of Instruction.

Lastuma	Units	Hours per Unit	Benchmark Enrollment
Lecture	3	1	40
Seminar			
Laboratory	1	3	20
Activity			

**3. Justification and Learning Objectives for the Course.** (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) [Use as much space as necessary]

This course is an elective for biology majors and non-majors. This course will be of interest to students pursuing careers in the health professions including medicine, nursing, dentistry and physical therapy. BIOL 210 is the first semester of a two semester sequence in Anatomy and Physiology.

NO

Students who successfully complete this course will be able to:

- Describe the function and structure of cells
- Identify and distinguish between tissues in the human body
- Explain the structure and function of organ systems in the human body

4. Is this a General Education Course YES
If Yes, indicate GE category:

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A (English Language, Communication, Critical Thinking)	
B (Life Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

5. Course Content in Outline Form. [Be as brief as possible, but use as much space as necessary]

Homeostatis

The chemical basis of life

Structure and function of cells

Histology

Skeletal system

Muscular system

Digestive system

	Nervous system The eye
	The ear
6.	<b>References.</b> [Provide 3 - 5 references on which this course is based and/or support it.]
	Seeley, R.R., Stephens, T.D. and Tate, P. Anatomy and Physiology, 6 <sup>th</sup> edition. (2003). McGraw-Hill. Shier, D., Butler, J. and Lewis, R. Hole's Human Anatomy and Physiology, 9 <sup>th</sup> edition. (2002). McGraw-Hill. Martini, F.H. and Bartholomew, E.F. Essentials of Anatomy and Physiology. (2003). Pearson Higher Education.
7.	List Faculty Qualified to Teach This Course. Biology faculty
8.	Frequency. a. Projected semesters to be offered: FallX_ Spring Summer
9.	New Resources Required.  a. Computer (data processing), audio visual, broadcasting needs, other equipment  b. Library needs  c. Facility/space needs  Biology teaching laboratory with standard laboratory equipment and supplies.
10.	Consultation. Attach consultation sheet from all program areas, Library, and others (if necessary)
11.	If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.
	Nancy Mozingo6 January 2003
	oposer of Course Date