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.**

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<thead>
<tr>
<th></th>
<th>Units</th>
<th>Hours per Unit</th>
<th>Benchmark Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>__<strong>3</strong></td>
<td>__<strong>1</strong></td>
<td>__<strong>40</strong></td>
</tr>
<tr>
<td>Seminar</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>Laboratory</td>
<td>__<strong>1</strong></td>
<td>__<strong>3</strong></td>
<td>__<strong>20</strong></td>
</tr>
<tr>
<td>Activity</td>
<td>_______</td>
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</tbody>
</table>

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.

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**

<table>
<thead>
<tr>
<th>If Yes, indicate GE category:</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (English Language, Communication, Critical Thinking)</td>
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<tr>
<td>B (Life Sciences)</td>
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<tr>
<td>C (Fine Arts, Literature, Languages &amp; Cultures)</td>
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<td>D (Social Perspectives)</td>
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<tr>
<td>E (Human Psychological and Physiological Perspectives)</td>
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</tr>
</tbody>
</table>

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

Homeostasis
- The chemical basis of life
- Structure and function of cells
Histology
- Skeletal system
- Muscular system
- Digestive system
Nervous system
The eye
The ear

6. **References.**  [Provide 3 - 5 references on which this course is based and/or support it.]


7. **List Faculty Qualified to Teach This Course.**

   Biology faculty

8. **Frequency.**
   a. Projected semesters to be offered: Fall ____ X ____ 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.

_________________________ 6 January 2003 ____________________________
Nancy Mozingo  Proposer of Course  Date