BIOLOGICAL SCIENCES 100
Introduction to Biology
Fall 2012 (1127)

Instructor          Office     Phone          E-mail
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COURSE PREREQUISITES
Students with credit for BISC 101 or 102, or succeeding biology courses, may not take BISC 100 for further credit. Students with a C or better in Biology 12, who are considering a BISC Major, are encouraged to proceed directly to BISC 101 and 102. Breadth-Science.¹

COURSE DESCRIPTIONS
BISC 100 is an introductory laboratory course for students having little background in biology.

COURSE OUTLINE

<table>
<thead>
<tr>
<th>WEEK</th>
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<tbody>
<tr>
<td>1</td>
<td>Evolution; Natural Selection; the definition of Life</td>
<td>7</td>
<td>Cell Reproduction/Meiosis</td>
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<td>2</td>
<td>Macroevolution</td>
<td>8</td>
<td>DNA Structure and Function</td>
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<td>3</td>
<td>Energy flow; Chemical Basis of Life</td>
<td>9</td>
<td>Genetics</td>
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<td>4</td>
<td>Cell Structure and Function</td>
<td>10</td>
<td>Population and Community Ecology</td>
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<td>5</td>
<td>Cell Metabolism</td>
<td>11</td>
<td>Ecosystems and the Biosphere</td>
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<td>6</td>
<td>Photosynthesis and Respiration</td>
<td>12</td>
<td>Laboratory Exams; Selected Topics</td>
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TEXTBOOKS
Campbell Essential Biology, 5th Edition
E-text (electronic text) and Mastering Biology
Simon, Reece, and Dickey. Benjamin Cummings.

MARK DISTRIBUTION

- 4 In-class exams each worth 17.5%  70%
- Laboratory Midterm  10%
- Laboratory Final  20%

Grade distribution Spring 2011: 27% A; 28% B; 38% C; 7% D and F

¹ Prerequisite Minimum Grade Requirement: Unless stated, a grade of C- or better is required on all Prerequisite BISC & MBB courses.