Mission and Vision

We relentlessly pursue, with optimism, equitable support for all students to navigate a changing world by providing rigorous and relevant learning experiences that strengthen their capacity as

- Open-minded and invested collaborators;
- Effective and thoughtful communicators;
- Resourceful and creative problem solvers;
- Curious and analytical critical thinkers;
- Informed and compassionate community members.

EUHSD curriculum identifies what students should know and be able to do by grade level in a comprehensive, standards-based course of study. Curriculum may be updated, as needed, based on student academic achievement data, research and best practices, and input from stakeholders. The EUHSD curriculum contains the following information:

- **Course Description** – provides a description of the overarching content and goals of the course and is used in the Course Catalog.
- **Course Information** – provides information specific to length of course, course number, transcript abbreviation, credits earned.
- **Course Requirements** – provides information specific to credits, prerequisites, UC/CSU requirements, and grade level of the course.
- **Course Material(s)** – Instructional materials used in course.
- **Additional Information** – provides links to College Board AP Central for specific Advanced Placement course information.
**Course Description**

*AP Biology* is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

**Course Information**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Number</th>
<th>Transcript Abbreviation</th>
<th>Credits</th>
<th>Weighted</th>
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</thead>
<tbody>
<tr>
<td>Semester A</td>
<td>3657</td>
<td>AP BIO A</td>
<td>5</td>
<td>Yes</td>
</tr>
<tr>
<td>Semester B</td>
<td>3658</td>
<td>AP BIO B</td>
<td>5</td>
<td>Yes</td>
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</table>

**Course Requirements**

<table>
<thead>
<tr>
<th>Length of Course</th>
<th>Learning Environment</th>
<th>Course Learning Environment</th>
<th>Type of Grade</th>
<th>CTE Course Level</th>
<th>Meets UC/CSU Requirement</th>
<th>Prerequisite(s)</th>
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</thead>
<tbody>
<tr>
<td>Yearlong</td>
<td>Classroom Based</td>
<td>Classroom Based</td>
<td>Letter grade</td>
<td>N/A</td>
<td>D: Laboratory Science</td>
<td>Biology and Chemistry</td>
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<td>Grade Level</td>
<td>Course Repeatable</td>
<td>No</td>
<td>Maximum Credits, if Repeatable</td>
<td>N/A</td>
<td>UC Honors Designation: Yes</td>
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<tr>
<td>Course Type</td>
<td>CTE/Designated College Prep</td>
<td>No</td>
<td>CTE Course Level: N/A</td>
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<td>Meets EUHSD Graduation Requirement</td>
<td>Life Science</td>
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</tbody>
</table>

**Laboratory Requirement:**

This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

**Course Material(s)**

- Teachers will utilize a variety of instructional resources designed to assist students in meeting the requirements set forth by the College Board in preparation for the Advanced Placement Exam. In addition, Advanced Placement teachers are required to submit their Course Syllabus in accordance with College Board requirements and receive individual teacher approval to utilize a variety of instructional strategies and course materials in order to meet the requirements set forth in the Advanced Placement Course Guides.

**Additional Information**

- For most current course curriculum refer to College Board AP Central for *AP Biology Course and Exam Description*.
- For additional information for Advanced Placement courses go to [https://apcentral.collegeboard.org/](https://apcentral.collegeboard.org/).