

COURSE TITLE: Honors Biology
COURSE LENGTH: 1 year
COURSE CREDIT: 1 credit

COURSE TYPE: elective
GRADE LEVEL: 12
PREREQUISITE: B or higher in Biology,
Chemistry, or Physics

COURSE GOALS:

1. Students will analyze advanced heredity patterns and human traits.
 2. Students will summarize DNA technology.
 3. Students will gather information on the origins of life and theories of evolution.
 4. Students will explain the processes of primate evolution.
 5. Students will identify the structure and function of communities and ecosystems.
 6. Students will recognize the relationships of population biology.
 7. Students will describe the taxonomy and characteristics of the structures and functions of echinoderms and reptiles.
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COURSE CONTENT:

1. Human genetics
2. Biotechnology
3. Theories of evolution
4. Ecosystem interactions
5. Population biology
6. Animals
7. Plants