

STUDENT LEARNING OUTCOMES

BIOLOGY 141

EXPECTED OUTCOMES FOR STUDENTS:

Upon successful completion of the course, the student should be able to:

1. Distinguish questions that can be addressed scientifically from those that cannot, and identify basic components of the scientific method as it pertains to human heredity.
2. Recognize unifying theories and concepts in biology (e.g. structure & function of DNA and proteins, inheritance, & gene expression) within an evolutionary context.
3. Demonstrate the ability to comprehend current events related to human genetics.
4. Experience the sense of discovery achievable through science and demonstrate a motivation to continue learning about topics related to human genetics and inheritance outside the classroom.
5. Demonstrate the ability to read and understand scientific articles related to human genetics and stem cells.
6. Demonstrate to prepare a written paper on scientific information.