TO BE COMPLETED BY THE HONORS STUDENT AND FACULTY MEMBER

Attach a description of the plan of study keeping in mind the following: Include information on the topic or problem to be examined, the nature of the reading assignments and the number and nature of reports or projects. Indicate how successful completion of the Honors Option will be determined.

Specify meeting dates for student-faculty consultation (must have at least 3 throughout the semester)

Attach a description of how this course provides an Honors experience for the students. What elements are added or changed and how do they relate to the description of Honors courses on the first page? Please attach the regular class syllabus along with any additional information needed to clarify the description (e.g. a reading list, assignment instructions, etc.).

SIGNATURES

Signature of Student (

Date 2/14/19

Signature of Sponsoring [illegible]

Date 2/14/19

TO BE COMPLETED BY THE DIRECTOR OF THE HONORS PROGRAM

Honors Option Approved ☐ **Honors Option Not Approved** ☐

Explanation:

Signature of the Honors Director _____

Date _____

GHC
Georgia Highlands College

GEORGIA HIGHLANDS COLLEGE
Honors Option Contract

Please complete this form & return the original to:

Christina M. Wolfe
Director, Honors Program
Georgia Highlands College, Floyd (F-145)
honors@highlands.edu

TO BE COMPLETED BY THE HONORS STUDENT

Student N

Address

Home Pho

Email

Major

Course Number, Section and CRN BIOL 2107K, Section F1

Course Title Principles of Biology I

Semester Spring **Year** 2019 **Credit Hours** 4

TO B **FACULTY MEMBER**

Profe

Title

Divisi

Work

Email

Is you **ing an honors student?**

☑ **yes**

BIOL 2107K: Principles of Biology I
Honor Option Project

In order to earn Honors Option credit in this course, the student must successfully complete the following three requirements:

1. Research paper: The student will pick an organism from either the prokaryote domain or the archaea domain that directly piques his or her interest. It is acceptable to choose a topic that the student has seen mentioned in current affairs or the news, if he or she so chooses. The topic must be submitted to the instructor in writing or via email for approval. Once approved, the student should focus their research primarily on the specifics of the organism to include but not limited to anatomical structure and function, natural habitat, niche in the ecosystem, current areas of scholarly and medical research, pathophysiology or potential pathophysiology to humans, clinical applications, interrelationships, prevention and any available medical treatments, if applicable. The paper should evaluate and include a minimum of 5 current scholarly articles and references in order to investigate the topic thoroughly. The paper must be a minimum of 15-20 pages in length typed in Times New Roman 12pt or Arial 12pt font and double-spaced. The margins of the pages can be no larger than 1" all around. It must include a title page and bibliography. The paper and citations should follow the 6th edition of the APA manual guidelines.

The paper will be graded on its thoroughness, accuracy of information, and grammar. The student's critical thinking ability and their willingness to go above and beyond the above requirements will also be assessed. The paper will account for 50 points towards the honor's project grade.

2. Oral Presentation: The student will present a summary of their paper to a group of their peers during the Honors Symposium or other public forum scheduled by the instructor. The presentation should be 10-15 minutes in length. A PowerPoint or other visual presentation is required. The student should also be prepared to answer any questions that their peers or instructor may have and lead a discussion on the topic should one ensue.

Student will primarily be graded on the accuracy of their presentation, but the style and overall presentation itself will factor in as well. Failure to reach the 10-minute minimum will also result in a deduction of points. The oral presentation will account for 50 points towards the honor's project grade.

Successful Completion of the Honors Option Projects: The student will need to score a minimum grade of 85 points to successfully complete the honor's project and for honors credit to be awarded in the course. The grading of this project is independent of the student's regular course work in the class and will not count towards the student's final class grade. Furthermore, if the student successfully completes the honor's option project, they must ALSO earn at least a B as their final class grade to earn the Honor's designation for this course.

See attached Grading Sheet for exact point distribution.

HONORS OPTION
PRINCIPLES OF BIOLOGY I
GRADE SHEET

Research Paper (50 points)

Overall structure/Organization (10)	_____
Grammar/Spelling/Paragraph structure (5)	_____
Proper in text citations (10)	_____
Usage of minimum scientific resources (5)	_____
Cover and Bibliography page (5)	_____
Accuracy and thoroughness of content (15)	_____
TOTAL	_____

Oral Presentation (50 points)

Quality of visual aids (10)	_____
Body language/eye contact (5)	_____
Kept within 8-10 minute time limit (5)	_____
Accuracy and thoroughness of content (20)	_____
Presentation style is extemporaneous	_____
Able to answer questions (5)	_____
TOTAL	_____

OVERALL HONORS OPTION GRADE: _____

OVERALL COURSE GRADE: _____

Will Honors Credit Be Awarded? **Yes** _____ **No** _____

Honors Plan of Study: Biology 2107

Student-Faculty Meeting Schedule

The student and sponsoring faculty member will be free to meet throughout the semester as needed, but will meet at least three (3) times with the following goals presented:

Meeting 1: February 28, 2019

1. Present outline of paper and PowerPoint presentation.
2. Discuss strengths and weaknesses of proposed outlines.

Meeting 2: April 4, 2019

1. Present rough draft of paper with complete bibliography

Meeting 3: April 11, 2019

1. Provide feedback on paper and suggested improvements.
2. Present Powerpoint Presentation to Professor and schedule classroom presentation.

Final Paper & Project: Will be due on April 25, 2019.

Course Description & Honors Designation

Biology 2107 is the first of two courses designed to provide an in-depth review of the core principles of biology. Biology 2107 focuses on the molecular processes of the cell, including photosynthesis, cellular respiration, transcription, translation, and gene regulation. This course is designed for students who are pursing a terminal degree in a hard science, such as biology or chemistry. The level of detail that the students are responsible for is intricate and not for lackadaisical students. Further, Biology 1010 is designed to be a survey course for those not interested in terminal science degrees. This class is significantly and irrefutably designed for the serious science student.