Faculty	



Technology Use Expectations: Messages via WWU email are official communication; students are responsible for regularly checking their WWU email accounts?. Course documents, and grades will be available on the relevant Owlnet page(s). Most homework assignments will be administered through the MasteringBiology system, and it is your responsibility to maintain updated software if you choose to use your computer. The University maintains computer labs throughout campus, updated weekly; this includes a computer lab in the science building (room 200) and in the library. This course, combined with BIO 115,

Homework: Most assignments are administered through MasteringBiology. Questions range from multiple choice to essay responses to popular media selections.

In-class Formative Assessment: Low-stakes feedback collected during class meetings, e.g. short quizzes, minute papers, polling, group discussions, etc.

General Education (G.E.) Writing: Brief, focused writing assignments will be given allowing students to demonstrate additional creative competencies in science. These assignments will be submitted to TK20 and

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and fairness of the intellectual environment at William Woods University is a responsibility that is shared by the entire campus community. Details of the Academic Integrity Policy can be found at the following web address: https://www.williamwoods.edu/catalogs/1516/undergraduate/policy_detail.aspx?Policies_id=51

Student Outcomes Assessment Policy: 2015-2016 Academic Catalog

https://www.williamwoods.edu/catalogs/1516/undergraduate/policy_detail.aspx?Policies_id=30_

Additional Academic Policies can be found at: 2015-2016 Academic Catalog: https://www.williamwoods.edu/catalogs/1516/undergraduate/policies.aspx

Academic Credit Hour Definition: The University has adopted the following United States Department of Education definition of a credit hour:

A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than:

(1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time.

Expected Outside Time Commitment: Following the USDOE definition, students should expect to spend a minimum of 90h outside time for the BIO 114 component, since it is similar to a 3-credit course, and 30h for BIO 115 (i.e. 1-credit) for a total combined *minimum* of 120h outside time. Estimated time is given by activity in the table below with an actual sum estimate of 123h outside time for BIO 114 and BIO 115.

TENTATIVE COURSE SCHEDULE

Topics may change and will be announced in class. Reading numbers correspond to Campbell Chapters. MB = MasteringBiology

Date	Topics	Reading/Assignment
24-28 Aug	Intro & Expectations, Chemistry of Life	1, 2 MB tutorial
31 Aug - 4 Sep	Chemistry of Life, Water	2, 3, MB Ch 1 & 2
9-11 Sep	No Class 7 Sep (Labor Day) Carbon, Molecular Diversity	3, 4
14-18 Sep	Carbon, Molecular Diversity	4, 5, MB Ch 3-5
21-25 Sep	Biomolecules	5, Exam 1: 25 Sep (Friday)
28 Sep - 2 Oct	The Cell, Membranes	6,7, MB Ch 6 & 7
5-9 Oct	Metabolism, Respiration & Fermentation	8, 9
12-16 Oct	Respiration & Fermentation, Photosynthesis	9,10, MB Ch 8-10
19-21 Oct	No Class 23 Oct (Fall Holiday), Photosynthesis	10, Exam 2: 21 Oct (Wednesday)
26-30 Oct	Communication, Cell Cycle	11, 12, MB Ch 11 & 12
2-6 Nov	Meiosis & Gametes, the Gene	13, 14
9-13 Nov	Heredity	15, 16, MB Ch13-16
16-20 Nov	Heredity	16, Exam 3: 20 Nov (Friday)
23 Nov	Gene to Protein, No Class 25-27 Nov (Thanksgiving Holiday)	17, media-based G.E. assignment due 23 Nov (Monday)
30 Nov - 4 Dec	Gene to Protein, Gene Regulation	17, 18, Lab-based G.E. assignment Due 4 Dec (Friday)
11 Dec	Final Exam – 9:00am	Comprehensive -FRIDAY

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Gene al Ed ca ion Na al Science Objec i e:

Students will understand the natural world through systematic observation by analyzing data and by forming, testing, and revising hypothe

