
**Biology Department, College of Science & Mathematics, Valdosta State University
FALL 2022---COURSE SYLLABUS***

BIOL 3100, Section 54

Additional notes to students:

1. **Please do not come to the classroom or the lab or my office if you are sick.** Also, please note that, if you must i

11. Cell phones, laptop

Alignment of Assignments with Course Objectives:

The course objective(s) aligned with each assignment are given on the last page of this syllabus.

Alignment of Course Objectives with Learning Goals/Educational Outcomes:

The **Student Learning Goals for the Core Curriculum in the University System of Georgia (USG)** are available online at http://www.usg.edu/academic_affairs_handbook/section2/C738/. The application of these learning goals in VSU's Core Curriculum is explained at <http://www.valdosta.edu/academics/academic-affairs/vp-office/vsu-core-curriculum.php>.

Each Core Area (A1, A2, B, C, D, and E) has one or more learning goals. In this syllabus they are referred to as VSUA1, VSUA2, VSUB, VSUC, VSUD, and VSUE.

BIOLOGY 3100/5100. Microbiology – Plans and Class Topics

TOPICS:

Aug 16, 18, 23, 25, 30; Sept 1, 6 (7 classes)

Related material in textbook

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BIOLOGY 3100/5100. Microbiology – Plans and Class Topics

RNA Interference & more

Chap. 9 & 12; Please note that some information in this PowerPoint is not included in the textbook

Microbial growth control (Assigned reading)

Chap. 4, 28, & 8

Microbial symbioses with humans; human microbiome (Assigned reading)

Chap. 24 is assigned reading; this information is listed as a submodule with the other PowerPoint submodules; however, there is no specific PowerPoint file because the entire chapter is assigned reading.

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BIOLOGY 3100/5100. Microbiology – Laboratory

Information for each week's labs will be posted in BlazeView. Students are responsible for printing out this information, if possible, from BlazeView, organizing it in their lab notebooks, and bringing it to lab.

ADDITIONAL INFORMATION:

1. LABORATORY, ETC.

--Please come to class & lab on time.

-- Safety is important in any science lab, and it is particularly important in a microbiology lab. Also, this semester presents special safety concerns due to the ongoing pandemic due to SARS-Coronavirus-2. You must read and follow the provided safety guidelines for the microbiology lab. These include washing your hands with soap and water before you leave the lab.

--Please print your own copy of the Microbiology Laboratory Safety Rules and keep it in your lab notebook. **As noted previously, you will need to complete Quiz 1 (a brief quiz) on these safety rules by Tuesday, Aug. 23, at 9:30 am.**

-- **Food and drink may not be consumed in the classroom or in the lab.** If you carry a bottle of water or other beverage with you, **please be sure that it is sealed and put away (OUT OF SIGHT) before you enter**

---Students are cautioned to be certain that cell phones, other electronic devices, and specialty watches are silenced and put away (**OUT OF SIGHT**) during examinations. **Unless otherwise noted, calculators may not be used during examinations.** Should a cell phone, specialty watch, calculator or other electronic device be seen or heard during an exam, the student's exam will be terminated and the student will receive a score of "0" on the exam.

--Exams will not be returned to students, and students will not be permitted to photograph exams. After grading has been _____

process is not recommended because it takes additional time. **Please select a primary source that you will be able to read and understand. Approximately 2/3 of the report should focus on the primary source; the remaining 1/3 should consist of background information on the pathogen. Students are required to show and explain at least some of the figures/tables from the paper.** Therefore, when you select your reference, be sure that the figures/tables will be easy to present. In addition to your chosen primary source, you may use one or more peer-reviewed, scientific review articles as sources of background information. Web sites, Internet articles or fact sheets, newspaper articles, magazine articles, book reviews, and letters to the editor are NOT acceptable as primary sources for this assignment. Lengthy reports published by the Centers for Disease Control and Prevention, the World Health Organization, or similar agencies may be used as supplemental sources but they are not acceptable as the main reference (**which must be a scientific journal article that is a primary source**) on which the report will be focused. Students should make every effort to ensure the accuracy of the information in their reports. Questions may be asked if any inaccurate information is included.

5. Format of Assignments and Late Assignments:

Some lab work/reports will be submitted during lab or checked in students' lab notebooks & lab manuals during lab. Students are expected to have their lab notebooks & lab manuals available during each lab.

Some assignments, lab work/reports, and quizzes will be submitted via BlazeView. **All assignments and reports to be submitted in BlazeView must be typed, and an assignment or report that consists of multiple pages must be submitted as a single file, unless otherwise specified.** Assignments must be readable—please remember that readability may be a problem if you are planning to photograph your assignment, assemble the pages, and submit it via BlazeView. **Please check your submitted file to be sure it is complete.**

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