





expression, geography, and intellectual and political history, to individuals within that society from an informed perspective. They will be able to identify a viewpoint that will allow them to examine critically the culture of a society in global society.

Use of information technology when appropriate. They will demonstrate proficiency in the use of technology and terminology. They will possess basic working knowledge of information technology. They will be able to use at least two software tools, such as word processing, database management systems, or statistical packages. They will be able to use a variety of searching tools.

Communication skills clearly, logically, and precisely in writing and in speaking, and skills in reading and listening. They will display the ability to write clearly and effectively; to speak well; to read, to understand, and to interpret the content of texts from different disciplines; and to listen effectively and to understand different modes of communication.

Knowledge of scientific and mathematical principles and proficiency in using these principles to understand the basic concepts and principles underlying scientific inquiry. They will be able to select, analyze, and interpret data. They will learn a body of scientific knowledge and be able to evaluate the merits of arguments about scientific issues. They will be able to use mathematical principles and to use fundamental algebraic concepts to solve word problems. They will be able to use basic knowledge of statistics to interpret and to evaluate arguments based on quantitative data.

Knowledge of diverse cultural heritages in the arts, the humanities, and the social sciences. They will develop understanding of the relationships among the visual and performing arts, languages, and history and the social sciences. Students will be able to identify and respond to the study of those disciplines; they will identify and respond to issues and engage in critical thinking about diverse issues. They will be able to identify and respond to aesthetic experiences in the visual and performing arts. They will have knowledge of world literature within its historical and cultural context and be able to identify and respond to modern issues within a historical context and the role of the arts, religions, societies and governments.

Ability to analyze, to evaluate, and to make inferences from oral and written communication. They will be skilled in inquiry, logical reasoning, and critical thinking. They will be able to identify and evaluate relevant information, analyze arguments, synthesize information, and offer logical arguments leading to creative solutions to problems.

Knowledge of principles of ethics and their employment in the analysis of human behavior. They will recognize and understand ethical issues and be able to identify and respond to ethical issues.

**BIOL 2651 Sections K**

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Tentative Lab Schedule - This is the order in which we will cover topics.

| <b>Week of</b> | <b>TOPIC</b>                    | <b>CHAPTERS</b> |
|----------------|---------------------------------|-----------------|
| 1 January 10   | Microscope and Cells            | 1,2, 4          |
| 2 January 17   | No lab this week (MLK holiday)  |                 |
| 3 January 24   | Tissues and Skin                | 4               |
| 4 January 31   | Tissues and Skin                | 4               |
| 5 February 7   | <b>LAB PRACTICAL I</b>          |                 |
| 6 February 14  | Skeletal System                 | 5               |
| 7 February 21  | Skeletal System                 | 5               |
| 8 February 28  | <b>LAB PRACTICAL II</b>         |                 |
| 9 March 7      | Muscular System                 | 6               |
| 10 March 14    | No lab this week (spring break) |                 |
| 11 March 21    | Muscular System                 | 6               |
| 12 March 28    | <b>LAB PRACTICAL III</b>        |                 |
| 13 April 4     | Brain dissection                | 7               |
| 14 April 11    | Eye dissection                  | 8               |
| 15 April 18    | <b>LAB PRACTICAL IV</b>         |                 |
| 16 April 25    |                                 |                 |

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