Biomedical science combines the study of human physiology, human pathology, and pharmacology to draw conclusions and make necessary advances toward solving significant health problems facing society.

This will be the class that answers the question, “Why do I need to study biology?”

You will leave this class with a deeper understanding of biological principles and skills that will make you attractive to employers in the biological career fields.

**Getting help and making up work**

Students are the best judge of whether or not they understand something. I am willing to give extra help if students need it. If it is just a quick question, they can pop in any time before or after school or at lunch. If more extensive help is needed, students will need to use PACK time to get help or make up work. PACK time is a scheduled 30 minutes after 2nd period two or three days per week, plus some Fridays are club days and you can get help then. I am usually available in the morning beginning at 7:15 AM and at least until 2:40 PM after school.
Use Google Classroom!

Most of the assignments in this course will be posted on our Google Classroom page. Some will be traditional pencil and paper but many assignments especially the major ones will be posted and turned in to our Google Classroom. We will also post supplemental videos and other links to content there.

I also have a teacher web page that will provide the schedule for the week and direct you to our Google Classroom for the assignments. Go to the Black Hills High School Website and choose “Teacher Web Pages”. Click on my name to reach my webpage and select Principles of Biomedical Science on the left hand side menu.

Lab Journals

All students are required to keep an organized and up-to-date Lab journal similar to professional scientists. This is where we will write our dated class notes, pictorial pre-labs, lab data, and other daily activities. Lab journals will be randomly checked. These journals will be provided to you on the first day of class.

Laboratory

*Due to the nature of the laboratory situation, I must make safety one of my top priorities. Furthermore, there are ethical guidelines that must be followed when working with specimens. These rules and guidelines are listed in detail in my “Lab Safety Contract” to be discussed later.*

*Lab groups will share equipment and are encouraged to discuss data, concepts, and/or observations. However, each student is responsible for submitting his/her own original work, in his/her own words.*
Assessments

Each unit will include 2 or 3 key learning targets that are to be mastered by each student that align with the state science standards. Mastery is 70%. If a student does not meet mastery, they will be given an opportunity to retest on that standard. In order to make sure that students are well prepared to retest, an alternate assignment may be required to help them review for the retest and all work pertaining to the unit must be turned in.

Grading

Academic grades will be divided into two categories, each with a different weighted value on Skyward.

- Assessments, Lab Write-ups, Projects, Reports 90%
- Lab journals / assignments 10%

The Tumwater School District grading scale will be used.

Skyward

Grades can be viewed anytime by logging onto the Black Hills High School website and click on Skyward Family Access. You may obtain your login and password from the Counseling Center or Homeroom teacher.

Missing assignments will be recorded and marked as such in Skyward with a 50% (F) score.