

Brief Course Description	The Biological Studies course explores the human cell (the basic unit of life), and covers the five kingdoms of life as well as their similarities and differences.	
Course Prerequisites	<ul style="list-style-type: none"> • Pediatric Nutrition • Adult Nutrition • Geriatric Nutrition • Fundamentals of Holistic Nutrition 1 • Nutritional Symptomatology • Environmental Pollution • Preventative Nutrition • Allergies and Nutrition • Human Anatomy • Human Physiology 	
Textbooks Required for this Course	Cell Biology and Genetics: Biology, the Unity and Diversity of Life by Starr, Taggart, Evers and Starr	
Equipment Required for this Course	N/A	
Course Duration	Course is self paced, distance education. Approximately 50 hours of study.	
Homework Hours	None.	
Delivery Methods	Indicate how the course is delivered: <input type="checkbox"/> <i>On-site delivery.</i> <input checked="" type="checkbox"/> Distance delivery. <input type="checkbox"/> <i>Combined delivery (on-site and distance.)</i>	
Instructional Method	Method of Delivery. (reflect all methods used.) Distance Education.	Contact Hours. Monday-Friday, 9am to 5pm
Learning Objectives/Outcomes	Upon completion of this course the successful student will have reliably demonstrated the ability to: At the end of the course the student will know the differences between bacterial, plant, or animal cells.	

Student Progress/Assessment Methods	Students are assessed based the completed course workbook, submitted for marking. Students must score 80% to be considered successful.
Attendance Expectations	N/A
Dress Expectations (if applicable)	N/A

Course Details

The following topics are covered in this course, summarizing the subject matter sufficient to achieve the learning outcomes for the course.

Lesson:	<u>Topics Covered</u>
1	Cell Structure and Function
2	Cell Membranes
3	Metabolism
4	Cell Division and Reproduction
5	DNA
6	Transcription and Translation
7	Gene Control
8	Genomes

