

030112
030113

BIOTECHNOLOGY - TECHNICIAN
BIOTECHNOLOGY - TECHNOLOGIST
CURRICULUM - STARTING FALL

		Book Costs	ISBN #	Book Title
SEM 1	FALL (15 WEEKS)			
BTN100	Cell Biology	44.00	No ISBN #	Cell Biology Course Pack
BTN105	State of Biotechnology	90.25	9780763822828	Biotechnology
BTN110	Organ Physiology	88.00	9780763823375	Applied Anatomy & Physiology
BTN131	Genetics	158.75	9780321524041	Concepts on Genetics
CHM110	Inorganic Chemistry	164.00	9780321596949	Analytical Chemistry & Quantitative Analysis
CMM125	College Communications I	126.75	9780176500467	Business Comm Brief: Grammar, Writing Course Pack
PHY155	Physics for Biotechnology	<u>TBA</u>		
	Total	678.25		
SEM 2	WINTER (15 WEEKS)			
BTN240	Bio Tech Field Trip			
BTN215	Biochemistry I (7 weeks)			
BTN230	Organic Chemistry (8 weeks)			
BTN300	Biostatistical Applications I			
BTN405	Molecular Biology			
MTH130	Calculus			
NEW IT	Databases/SQL			
SEM 3	FALL (15 WEEKS)			
BTN210	General Microbiology	226.00	9780132240116 9780077260576	Techniques in Microbiology: Student Handbook Foundations in Microbiology
BTN320	Immunology	89.75	9781416046882	Basic Immunology
BTN321	Bioinformatics	NBR		
BTN325	Biochemistry II (BTC325 for 2yr program)	BAP		
BTN440	Biostatistical Applications II	59.50	9780538735032	Stat (2009-2010 Ed)
BTN335	Botany	NBR		
CIS201	Intro to Programming	<u>TBA</u>		
	Total	375.25		
SEM 4	WINTER (15 WEEKS)			
BTN205	Bio Tech Field Trip			
BTN310	Industrial Microbiology			
BTN415	Scientific Literacy			
BTN430	Pharmacology/Toxicology			
BTN435	Proteomics			
BTN445	Bioinformatics I			
BTN455	Virology			
NEW BUS	Project Management			

“Canadore College has made every effort to ensure the accuracy of this booklist. It remains the responsibility of each student to compare this list against your schedule to ensure that you purchase and secure only the materials that you need.”

END OF 2 YEAR PROGRAM (030112)

(030113)

SEM 5

FALL (15 WEEKS)

BTN500

Field Placement 1

BTN502

Biotechnology Issues

SEM 6

WINTER (15 WEEKS)

BTN600

Field Placement II

BTN601

Field Placement Report

NBR = No Book Required

BAP = Book Already Purchased

Biotechnology Requirements

1. You will be required to purchase a Laboratory Prep Kit, which includes a pair of safety glasses, a pipit bulb and a grease pencil. This kit will be available at the Campus Shop.
2. You will also need to purchase a lab coat. The program sells second-hand lab coats at a reduced price, or you can purchase a new one at the Campus Shop. These need to be purchased by the second week of classes (i.e., by Monday, September 13th, 2010).

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