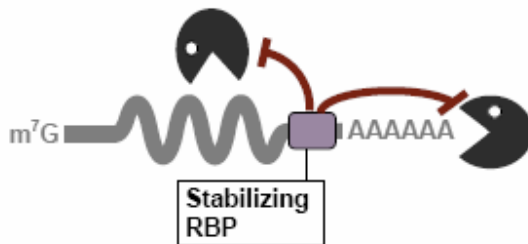
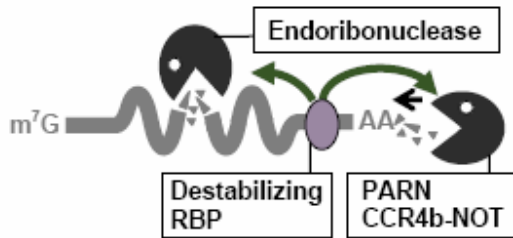
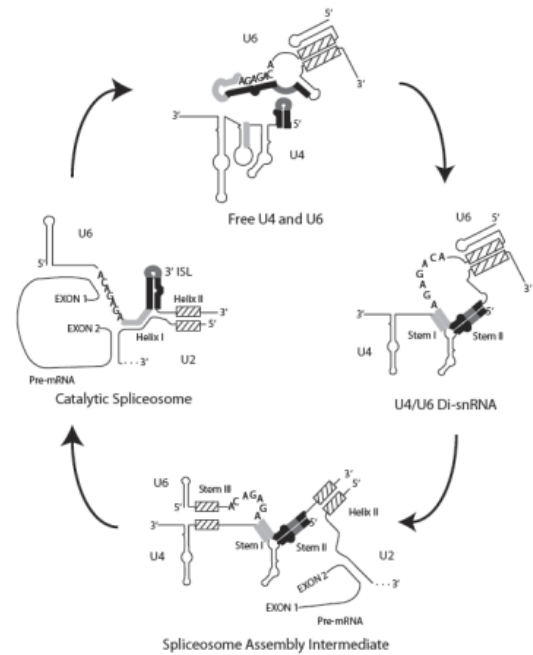


PLANNING YOUR



BIOCHEMISTRY AND MOLECULAR BIOLOGY MAJOR

Outline

- Course changes
- New Pre-requisites
- Course planning
- New Subject requirements
- Research opportunities for BCMB430-6 and NRES430-6

Course Changes

Name Changes and New Courses

Old name	New name
Chem255	BCMB255
Chem306	BCMB306
Chem307	BCMB307
Chem308	BCMB308
Chem330	BCMB330
Chem340	BCMB340
Chem409	BCMB409

New Courses	
BCMB401-3	Basic Science of Oncology
BCMB402-3	Macromolecular Structure
BCMB403-3	Advanced Nucleic Acids
BCMB405-3	Topics in Biochemistry and Molecular Biology
BCMB499-1-6	Independent Study
BCMB430-6	Undergraduate Thesis

New pre-requisites

- BCMB340-3 Physical Biochemistry (CHEM330)
 - *Pre-requisites: PHYS 101 or PHYS 111, and CHEM 204-3 with a minimum Grade of C*
- All upper division BCMB courses (300 and 400 level) require a minimum C for CHEM204-3

BIOCHEMISTRY AND MOLECULAR BIOLOGY PROGRAM PLANNING

First Year Courses*

Fall Semester

Winter Semester

BIOL101-4

BIOL102-4

CHEM100-3

CHEM101-3

CHEM120-1

CHEM121-1

PHYS100-4 or PHYS110-4

PHYS101-4 or PHYS111-4

One of the following three options

MATH100-3

MATH101-3

MATH105-3

MATH101-3

MATH150-3

MATH152-3

Students STRONGLY encouraged to take MATH100 or MATH105 and MATH101

*Not official until course schedule is available

BIOCHEMISTRY AND MOLECULAR BIOLOGY PROGRAM PLANNING

Second Year Courses*	
<i>Fall Semester</i>	<i>Winter Semester</i>
CHEM201-3	CHEM203-3
CHEM250-1	CHEM204-3
BIOL210-3	CHEM251-1
BIOL201-3	BCMB255-1
	BIOL203-3

*Not official until course schedule is available

*MATH240 or MATH371 will be required for students entering Sep 2010

BIOCHEMISTRY AND MOLECULAR BIOLOGY PROGRAM PLANNING

Third Year Courses*

Fall Semester

BCMB 255-1

(if you did not take it in 2nd year)

BCMB306-3

BCMB308-3

BCMB340-3

BIOL311-3

Winter Semester

BCMB308-3

(if you did not take it in the Fall)

BCMB307-3

BCMB330-3

BIOL312-3

BIOL323-3

*Not official until course schedule is available

BIOCHEMISTRY AND MOLECULAR BIOLOGY PROGRAM PLANNING

Forth Year Courses*

Fall Semester

BIOL423-3

One of:

BCMB401-3

BCMB402-3

Winter Semester

BCMB409-3

BIOL425-3

BCMB403-3

*Not official until course schedule is available

NEW Subject requirements

- Twelve additional credit hours of any BCMB, BIOL, and CHEM course with at least six at 300 or 400 level
- The following also counts:
 - PSYC317-3 Psychobiology
 - PSYC318-3 Sensation and Perception
 - CPSC450-3 Bioinformatics
 - HHSC430-3 Toxicology and Environmental Health
 - PSYC419-3 Neuropsychology

Undergraduate Thesis Research

(BCMB430 or NRES430)

<http://www.unbc.ca/biochemistry/faculty.html>



Dr. K Lewis



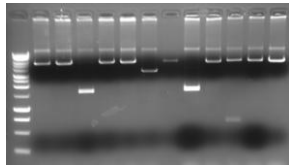
Dr. K Reimer



Dr. C Lee



Dr. S Rader



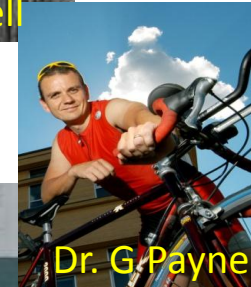
Dr. K Egger



Dr. A Gorrell



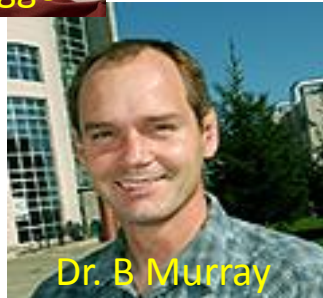
Dr. M Shrimpton



Dr. G Payne



Dr. D Huber



Dr. B Murray



Dr. D Erasmus

