

Department of Cell Biology  
**BSc MINOR IN CELL BIOLOGY**  
 Program Planning Form

Student's Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Email: \_\_\_\_\_  
 date: \_\_\_\_\_

**MAJOR Program**  
 \*27 Science courses  
 Additionally, the common requirements for a B.Sc. Major or Honours degree have to be met

**YEAR 1 AND YEAR 2** **YEAR 3 AND YEAR 4**

	BIOL 107 - Introduction to Cell Biology		CELL 300- OR 400-level course (excluding CELL 398/498/499)
	BIOCH 200 - Introductory Biochemistry		CELL 400-level course (excluding CELL 498/499)
	BIOL 207 - Molecular Genetics and Heredity		*3 from Group A
	CELL 201 - Introduction to Molecular Cell Biology <b>OR</b> BIOL 201		*3 from Group A
	Major or honors program		*3 from Group A
	Major or honors program		Major or honors program
	Major or honors program		Major or honors program
	Major or honors program		Major or honors program
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	Major or honors program		Major or honors program
	Major or honors program		Major or honors program
	Major or honors program		Major or honors program
	Major or honors program		Major or honors program

**NOTES**

Ensure you take the courses listed under Year 1 and Year 2 in year 1 and 2 of your studies to avoid scheduling conflicts.

Comments:

Permission to enter/continue in Program:  Accept  Decline

Department Advisor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**GROUP A**

\*9 units from any course with the following designators (with at least \*6 units at the 300-level or higher):

- ANAT Any 400 level
- BIOCH Any
- CELL Any
- GENET Any
- IMIN Any
- MICRB Any
- MMI Any at 300 and 400 level
- NEURO Any
- ONCOL Any
- PHYSL Any
- PMCOL Any

## Common requirements for Bsc Major and Honor degrees

The Bachelor of Science (Major and Honors) degree requires the successful completion of \*120 units including the following:

### 1. Communication/ writing at least \*6 units

ENGL (english)	any level
WRS (writing studies)	any level

### 2. Indigenous course at least \*3 units

ANTHR 256	DRAMA312	<b>ENGL125*</b>	HIST338	NS115	POLS 201	R SOC 460	
ANTHR 311	ECON 251	ENGL216	HIST368	NS161	POLS 327	WGS 280	* ENGL125 satisfies both requirement 1 (above) and 2
ANTHR474	ECON451	ENGL307	HIST369	NS 201	POLS 331	WGS 480	
ANTHR 477		ENGL308		NS280	POLS 436		
		ENGL309			POLS 437		

### 3. Breadth from Outside the Faculty of Science: at least \*6 units, with at least \*3 units from 2 different areas

some interdisciplinary courses qualify, see the Calendar for the last updated list

Applied Sciences			Business	Humanities, Fine Arts, and Performing Arts				Social Sciences		
AFNS	KRLS	<i>Engineering (note 3)</i>	ACCTG	ASL	DES	HINDI	MLCS	RELIG	ANTHR	SOC (note 6)
ANAT	NU FS	<i>CH E</i>	B LAW	ARAB	DRAMA	HIST	MST	RUSS	CSL	STS
AN SC	NU TR	<i>CIV E</i>	BTM	ART	EASIA	HUNG	MUSIC	SCAND	ECON (note 4)	WGS
BIOEN	PL SC (note 2)	<i>CM E</i>	BUEC	C LIT	FS	ITAL	NORSE	SLAV	HGEO	
ENSC	REN R	<i>EC E</i>	FIN	CATS	FREN	JAPAN	NORW	SPAN	LING	
FOREC	RLS	<i>ENG M</i>	MARK	CHINA	FOLK	KOREA	PERS	SPRIT	NS	
HECOL	SPH	<i>ENV E</i>	OM	CHRTC	GERM	LA ST	PHIL	SWED	PLAN	
HE ED	SUST		SEM	CLASS	GREEK	LATIN	POLSH	T DES	POLS	
KIN (note 1)				DANCE	HADVC	MEAS	PORT	UKR	PSYCH (note 5)	
								WRITE		

(1) excluding KIN 100, KIN 101, KIN 109, and KIN 391

(2) excluding PL SC 221

(3) for courses offered by engineering, approval is needed from the course instructor and the faculty

(4) excluding ECON 299

(5) excluding PSYCH courses offered by the Faculty of Science

### 4. Breadth from within the Faculty of Science minimum of \*9 units with \*3 units from each area

This requirement is satisfied by mandatory courses in the Cell Biology Program (BIOL107, STAT151, GENET270)

### 5. Lab/ Field experience at least \*3 units

This requirement is satisfied by mandatory courses in the Cell Biology Program (BIOL107, CHEM101)

### 6. Science Courses

A minimum of \*72 units in Science courses

### 7. Senior Courses

Successful completion of \*78 units at the 200-level or higher, 36 units at 300-level or higher, no more than \*42 courses at 100-level

### 8. Double-counted courses

Some courses may be listed in the requirements for more than one Major/Minor/Honors subject area.

\* There is no limit on how many 100- and 200-level courses can be double-counted in a Major/Minor, Honors/Minor, or Double Major combination.

\* For a Major/Minor or Honors/Minor combination, 300- and 400-level courses **cannot** be double-counted, students must consult an Advisor for approved course substitutions.

\* For a Double Major, up to 6 units in 300- /400-level courses can be double-counted. Students must consult an Advisor for approved course substitutions.

## Contacts

Cell Biology Program-specific Questions:

**Cell Biology Student Advisor**

Dr. Rineke Steenbergen

[rineke@ualberta.ca](mailto:rineke@ualberta.ca)

General Science Program Questions, program transfers

**Student Services Office, Faculty of Science**

1-001 Centennial Centre for Interdisciplinary Science (CCIS)

[advisor.science@ualberta.ca](mailto:advisor.science@ualberta.ca)