

**Molecular, Cellular and Developmental Biology Program – Specialization 2018/2019**

Please be aware that by neglecting to pay confirmation deposit by specified deadline, your entire registration will be deleted.

ID#	LAST NAME	FIRST NAME	YR
<b>*48 REQUIRED COURSES:</b>			
BIOCH 200 _____	(*3)	CHEM 102 _____	(*3)
BIOL 107 _____	(*3)	CHEM 164 or 261 _____	(*3)
BIOL 108 _____	(*3)	CHEM 263 _____	(*3)
BIOL 201 _____	(*3)	GENET 270 _____	(*3)
BIOL 207 _____	(*3)	GENET 390 _____	(*3)
BIOL 208 _____	(*3)	MATH 114 (or 117 or 125 or 133 or 134) _____	(*3)
BOT 205 _____	(*3)	MICRB 265 _____	(*3)
CHEM 101 _____	(*3)	STAT 151 _____	(*3)
*3 from BIOL 391 or GENET 375 _____	(*3)		
*12 from List A _____	(*3)	_____	(*3)
	(*3)	_____	(*3)
*3 from BOT 445, 464; GENET 422, 424; MICRB 392, 410, 423, 491 _____		(*3)	
*6 from List B (*3 at 400 level) _____	(*3)	_____	(*3)
<b>*21 SCIENCE OPTIONS (see List C for suggestions)</b>			
_____	(*3)	_____	(*3)
_____	(*3)	_____	(*3)
_____	(*3)		
<b>*9 APPROVED OPTIONS (see List C for suggestions)</b>			
_____	(*3)	_____	(*3)
<b>*18 ARTS OPTIONS (junior level ENGL or junior WRS recommended)</b>			
_____	(*3)	_____	(*3)
_____	(*3)	_____	(*3)

**LIST A:** BIOIN 301; BIOL 321, 380; BOT 303, 308, 340, 380, 382; GENET 301, 302, 304, 305, 364; MICRB 311, 315, 316, 320, 343

**LIST B:** BIOIN 301, 401; BOT 303, 308, 340, 445, 464; GENET 364, 408, 412, 418, 420, 422, 424; MICRB 345, 392, 410, 423, 491

**LIST C:** Including but not restricted to the following: Any courses in Lists A and B plus: ANAT 400; BIOCH 310, 320, 330, 401, 410, 420, 430, 441, 450, 455; BIOL 315, 322, 330, 333, 335, 340, 341, 364, 367, 391, 398, 399, 430, 433, 470, 490, 495 (if appropriate topic), 498, 499; BOT 314, 321, 330, CELL 300, 301, 402, 445; CHEM 211, 213, 303, 361, 363, 371, 373; CMPUT 101, 174, 175; ENT 321, 378; IMIN 200, 324, 371, 401; INT D 400; MMI 351; ONCOL 320, 425; PHYS 124, 126; PHYSL 210; PL SC 355, 380; REN R 421, 468; ZOOL 241, 242, 303, 340, 342, 343, 352, 370, 402, 441, 442, 450, 452

**Notes:**

- (1) May not use same course to fill more than one program requirement.
- (2) Up to \*12 from approved options may be taken from other faculties.
- (3) Credit in SCI 100 will be considered equivalent to BIOL 107, 108; CHEM 101, 102, 261; MATH 114, \*3 Science options and \*6 approved options.

**Year 1 note:** BIOL 207 is recommended in Year 1 by deferring the \*3 option until Year 2.

(see next page)

**REGISTRATION FOR THE \_\_\_\_\_ ACADEMIC YEAR:**

\_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3)  
\_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3) \_\_\_\_\_ (\*3)

**Total Junior Credits (100 level courses) to date**  
(max = 42): \_\_\_\_\_

**Total Outside Credits (non-Science or non-Arts courses) (max = 12):** \_\_\_\_\_

**NOTES** (if any): \_\_\_\_\_

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**I have advised this student and approve the program as outlined above:**

**Advisor Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

I am aware that it is the student's responsibility for the completeness and accuracy of his/her registration and for the completion of the specified program requirements. This requires careful attention to course selection and compliance with prerequisite and co-requisite requirements.

**Student Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Note:** Transfer Credit: A maximum of two years of transfer credit will be granted towards a U of A undergraduate degree program (\*60).