**Microbiology Program – Specialization 2017/2018**

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

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<th>ID#</th>
<th>LAST NAME</th>
<th>FIRST NAME</th>
<th>YR</th>
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### *57 REQUIRED COURSES:

*P* means Pending i.e. you are currently in or are going to take the course

- BIOCH 200 □ P __________ (*3) CHEM 164 or 261 □ P __________ (*3)
- BIOL 107 □ P __________ (*3) CHEM 263 □ P __________ (*3)
- BIOL 108 □ P __________ (*3) GENET 270 □ P __________ (*3)
- BIOL 201 □ P __________ (*3) GENET 390 □ P __________ (*3)
- BIOL 207 □ P __________ (*3) IMIN 200 □ P __________ (*3)
- BIOL 208 □ P __________ (*3) MICRB 265 □ P __________ (*3)
- BIOL 391 □ P __________ (*3) MICRB 311 □ P __________ (*3)
- CHEM 101 □ P __________ (*3) MICRB 316 □ P __________ (*3)
- CHEM 102 □ P __________ (*3) STAT 151 □ P __________ (*3)

**1 of MATH 114, 117, 125, 134, 144 □ P __________ (*3)**

### *12 MICROBIOLOGY OPTIONS (List A)

- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)

### *21 SCIENCE OPTIONS (List A or B)

- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)

### *12 APPROVED OPTIONS (List A, B, or C)

- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)

### RECOMMENDED OPTIONS:

**Microbiology options:**

**LIST A:** BIOL 322; GENET 415; IMIN 324, 371, 372, 452; MICRB 315, 320, 343, 345, 392, 410, 423, 491; NU FS 361, 363, 402, 480; MMI 351, 352, 405, 415. **NOTE:** NU FS 361, 402, 480 and MMI 405, 415 and 520 count as Outside Options.

**Science options:**

**LIST B:** BIOCH 310, 320, 330, 401, 410, 420, 430, 441, 450, 455; BIOIN 301, BIOL 398, 399, 490, 495, 498, 499; CHEM 211, 213, 303, 361, 363, 371, 373; CMPUT 101 or 114, 115, 117, 175; ENT 375; GENET 301, 302, 304, 305, 357, 408, 420; IMIN 401, INT D 400, PHYS 124, 126; ZOOL 352, 452.

**Approved options:**

**LIST C:** BIOL 380; BOT 205, 380, 382; CELL 300, 301; EAS 201; PHYS 210; PSYCO 104; REN R 210, 442. (All of these approved options, with the exception of REN R 210 and 430 which are Outside Options, can count as Science courses, see calendar §184).

### *18 ARTS OPTIONS (junior level ENGL or junior WRS recommended)

- __________ __________ (*3) __________ __________ (*3)
- __________ __________ (*3) __________ __________ (*3)

### REGISTRATION FOR THE ACADEMIC YEAR:

<table>
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<tr>
<th>Total Junior Credits to date (max = 42):</th>
<th>Total Outside Credits (max = 12):</th>
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### 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:**

**Notes:**

- Transfer Credit: A maximum of two years of transfer credit will be granted towards a U of A undergraduate degree program (*60).
- **BIOL 201 highly recommended in year 2.**
- CHEM 211 and 213 highly recommended