Code # SM21 (2015)

**Bulletin / Banner Change Transmittal Form**

**Undergraduate Curriculum Council** Print 1 copy for signatures and save 1 electronic copy.

**Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (If applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

Dr. Ron Johnson, [rlj@astate.edu](mailto:rlj@astate.edu), 972-2366

**2.Proposed Change**

Institution of a 3+1 curriculum plan between the Department of Biological Sciences and NYIT-COM.

**3.Effective Date**

Fall 2016

**4.Justification –** *Please provide details as to why this change is necessary.*

A-State and NYIT-COM have completed a 3+1 agreement allowing 3 years of study at A-State plus 1 year of study with NYIT-COM to fulfill requirements for an A-State 4 year degree. This allows highly gifted students to enter DO school after 3 years of college preparation. To this point, the 3+1 agreement has been an empty shell. This document specifies the course work required to obtain a BS in Biological Sciences after 3 years of study and 1 year in DO school.

**Arkansas State University**

**Semester Breakdown of**

**Bachelor of Science in Biological Sciences, Preprofessional Emphasis**

**3 + 1 arrangement with New York Institute of Technology College of Osteopathic Medicine**

Students are eligible for this specific curriculum ONLY if they are accepted into the NYIT accelerated baccalaureate program

**1st Semester 2nd Semester**

CHEM 1013 General Chemistry I 3 CHEM 1023 1013 General Chemistry II 3

CHEM 1011 Gen Chem I Lab 1 CHEM 1021 Gen Chem II Lab 1

BIO 1303 Biology of Animals 3 BIO 2013 Biology of the Cell 3

BIO 1301 Biology of Animals Lab 1 BIO 2011 Biology of the Cell Lab 1

MATH 2194 Survey of Calculus 4 PHYS 2054 General Physics I 4

ENG 1003 Composition I 3 ENG 1013 Composition II 3

PSYCH 2013 Introduction to Psychology 3 Social Science Elective 3

**Total Credits 18 Total Credits 18**

**3rd Semester 4th Semester**

BIO 3223 Human Struct. and Function I 3 BIO 3233 Human Struct. and Funct. II 3

BIO 3221 Hum. Struct. and Funct. I Lab 1 BIO 3231 Human Struct and Funct. II Lab 1

PHYS 2064 General Physics II 4 BIO 4014 Microbiology 4

CHEM 3103 Organic Chemistry I 3 CHEM 3113 Organic Chemistry II 3

CHEM 3101 Organic Chemistry I Lab 1 CHEM 3111 Organic Chemistry II Lab 1

BIO 3013 Genetics 3 MATH 3233 Applied Statistics I 3

BIO 3011 Genetics Lab 1 SCOM 1203 Oral Communications 3

**Total Credits 16 Total Credits 18**

**MCAT Taken During this Summer Prior to 3rd Year**

**5th Semester 6th Semester**

CHEM 4243 Biochemistry 3 BIO 4133 Cell Biology 3

BIOL/CHEM Preprofessional Option 3-4 BIO 4131 Cell Biology Lab 1

BIO/CHEM Preprofessional Option 3-4 BIO/CHEM Preprofessional Option 3-4

Fine Arts (Music, Visual, Theatre) 3 BIO 4021 Biology Seminar 1

U.S. History or Intro to U.S. Gov’t 3 Humanities Elective 3

Elective 3 Electives (2) 6

**Total Credits 18-20 Total Credits 17-18**

**Total ASU Credits completed 105-108**

Following the successful completion of 12-15 credits at NYIT College of Osteopathic Medicine (see line total above) the student will be awarded a BS Degree in Biological Sciences, Preprofessional Emphasis

1. This option would be limited to highly qualified students. Entry requirements at the front end will be 28 ACT and 3.7 GPA.

2. To stay within the program, students must maintain a cumulative and semester 3.5 GPA while in the program. If a student falls below the cumulative and semester 3.5 GPA, she/he will be placed on probationary status. The student can only be on probation one time. Students suspended from this program will revert to the traditional pre-professional emphasis with a graduation requirement of 120 credits.

3. The MCAT would be taken after year 2. This explains the pushing of a heavy science load the first two years. Curricular changes from the existing BS Biology, Preprofessional emphasis include the deletion of: First Year Experience, Ecology and Biology of Plants. All general education requirements will be completed during the 3 year period.

4. Acceptance to NYIT COM would be contingent upon the following: have a 3.3 overall cumulative average and a 3.0 in the sciences; have a combined MCAT score of 24 and at least an N on the writing sample; and, obtain favorable letters of recommendation from the departmental pre-professional committee. These are NYIT requirements for the 3 + 1 agreement on their campus. Although completion of the 3 year program would put students in a highly favorable position for acceptance, ultimately NYIT COM has the final say in admission to their school.

5. BS degree would be awarded following the completion of the first year of medical school.

**Bulletin Changes**

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| **Instructions** |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.**  **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)  - New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font).  - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)  *You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.*  *Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

To this point, arrangements such as these have not appeared in the Bulletin.