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| For Academic Affairs and Research Use Only |
| CIP Code:  |  |
| Degree Code: |  |

**Letter of Notifications**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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| David F Gilmore | 1/22/2019 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Travis D. Marsico | 1/23/2019 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| David F Gilmore | 1/23/2019 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Anne Grippo | 1/23/2019 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (If applicable)**   |

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**Vice Chancellor for Academic Affairs** |

**If you require to fill out a Letter of Notification, please email** **curriculum@astate.edu** **or contact Academic Affairs and Research at (870) 972-2030 for guidance PRIOR TO submitting these through the curricular process.**

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

Ronald L. Johnson

rlj@astate.edu

870.972.2366

**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.* |

Pages 76-77 of 2018-9 Undergraduate Bulletin

**TECHNICAL CERTIFICATE PROGRAMS**

Arkansas State University offers technical programs in which certificates of proficiency are awarded. These programs are offered for students who wish to prepare for employment in a minimum of one or two years and do not wish to pursue formal programs leading to an associate or a baccalaureate degree in the areas.

A Certificate of Proficiency in Computed Tomography is awarded upon completion of 12 hours of specific coursework. This program required admission to the university. For more information, see the College of Nursing and Health Professions section of this bulletin.

A Certificate in Digital Humanities is awarded upon successful completion of 18-20 hours of specific coursework. This program requires admission to the university. For more information, see the College of Liberal Arts and Communications section of this bulletin.

A Certificate of Proficiency in Emergency Medical Technician – Basic is awarded upon successful completion of 12 hours of specific coursework. This program requires admission. For more informa­tion, see the Major in Disaster Preparedness and Emergency Management Program in the College of Nursing and Health Professions.

A Certificate of Proficiency in Information Technology training is awarded upon completion of 24 semester hours of specified courses. The courses presented for this certificate must include ENG 1003, ENG 1013, and a minimum of 9 semester hours of Computer & Information Technology (CIT) courses. For further information on this technical certificate program, see the Neil Griffin College of Business section of this bulletin.

A Certificate in Leadership Studies is awarded upon successful completion of 12 hours of specific coursework. This program requires admission. For more information, see the Undergraduate Studies section of this bulletin.77

 A Certificate in Health Coaching is awarded upon successful completion of 22-23 hours of specific coursework. This program requires admission. For more information, see the program description of this bulletin on page XXX.

A Certificate of Proficiency in Museum Studies is awarded upon successful completion of 21 hours of specific coursework. This program requires admission to the university. For more information, see the College of Liberal Arts and Communication section of this bulletin.

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**Minor in Biology**

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| **Required Courses:** BIOL 1003 **AND** 1001, Biological Science and Laboratory may be substituted for one (1) of the core combinations, but this is NOT recommended; Biological Science does NOT serve as a prerequisite for any upper-level electives, so choosing this course as one of the core courses may limit the choices of electives that students may choose.  | **Sem. Hrs.**  |
| **Select two of the following core combinations:** BIO 1303 **AND** 1301, Biology of Animals and Laboratory BIO 1503 **AND** 1501, Biology of Plants and Laboratory BIO 2013 **AND** 2011, Biology of the Cell and Laboratory  | 8  |
| Upper-level BIO Electives with laboratory  | 11  |
| **Total Required Hours:**  | **19**  |

**Minor in Marine Science**

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| **Required Courses:***.* Other applicable courses may be added in the future to select from as appropriate.  | **Sem. Hrs.**  |
| BIO 4333, Marine Biology  | 3  |
| BIO 4433, Field Experiences in Marine Systems  | 3  |
| BIO 4413, Wildlife Internship  | 3  |
| PHYS 3043, Atmospheric Dynamics  | 3  |
| **Electives (select six hours from the following):** *Other courses may be substituted with departmental approval.* BIO 4323, Marine Mammals BIO 4322, Marine Mammals Laboratory BIO 4402, Ichthyology BIO 4401, Ichthyology Laboratory BIO 3322, Invertebrate Zoology BIO 3332, Invertebrate Zoology Laboratory  | 6  |
| **Total Required Hours:**  | **18** |

***Certificate Program in Health Coaching***

*Required Courses: Sem. Hrs.*

 *BIO 3251 Introduction to Pathology 1*

 *BIO 3261 Health Coaching I 1*

 *BIO 3271 Health Coaching II 1*

 *BIO 3241 Physical Diagnosis, 1*

 *BIO 2013 AND 2011 Biology of the Cell and Laboratory 4*

 *BIO 3223 AND 3221 Human Structure and Function I*

 *and Laboratory 4*

 *BIO 3233 AND 3231 Human Structure and Function II*

 *and Laboratory 4*

 *BIO 3203 Pathophysiology 3*

*Electives (select one of the following):*

*Other courses may be substituted with departmental approval.*

*BIO 3013 AND 3011 Genetics and Laboratory 4*

*BIO 4104 Microbiology 4*

*BIO 4223 Human Endocrinology 3*

*Total Required Hours 22-23*

**LETTER OF NOTIFICATION – 9**

**UNDERGRADUATE CERTIFICATE PROGRAM**

(21-45 semester credit hours)

(75 percent of the courseworkcurrently offered inexisting associate or bachelor’s degree program)

1. Institution submitting request: **Arkansas State University**

1. Contact person/title: **Dr. Karen Wheeler; Sr. Assoc. Vice Chancellor for Academic Affairs**
2. Phone number/e-mail address: **870-972-2030; kwheeler@astate.edu**
3. Proposed effective date: **August 15, 2019**
4. Name of proposed Undergraduate Certificate Program (Program must consist of 21-45 semester credit hours).

**Health Coaching Certificate Program**

1. Proposed CIP Code:
2. Reason for proposed program implementation:

**This program fits well with the strategic plan of the Department of Biological Sciences at Arkansas State University to become a comprehensive biology department that is distinguished by an emphasis on multi-disciplinary instruction. Students will be better qualified to enter careers in medicine.**

1. Provide the following:
2. Curriculum outline - List of courses in new program – Underline required courses

 **BIO 3251 Introduction to Pathology**

 **BIO 3261 Health Coaching I**

 **BIO 3271 Health Coaching II**

 **BIO 3241 Physical Diagnosis**

 **BIO 2013 AND 2011 Biology of the Cell and Laboratory**

 **BIO 3223 AND 3221 Human Structure and Function I and Laboratory**

 **BIO 3233 AND 3231 Human Structure and Function II and Laboratory**

 **BIO 3203 Pathophysiology**

**Electives (select one of the following):**

**Other courses may be substituted with departmental approval.**

**BIO 3013 AND 3011 Genetics and Laboratory**

**BIO 4104 Microbiology**

**BIO 4223 Human Endocrinology**

1. Total semester credit hours required for proposed program (Program range: 21-45 semester credit hours)

 **22-23 credit hours**

1. New courses and new course descriptions

**BIO 3261 Health Coaching I** Opportunities for pre-medical students to better understand and practice concepts of healthcare, especially the interactions of a health care provider and the patient. Pass/Fail. Prerequisite, BIO 3251 and consent of instructor. Fall.

**BIO 3271 Health Coaching II** Extensive practical experience for pre-medical students working as facilitators for health care providers and their patients. Pass/Fail. Prerequisite, BIO 3261 and consent of instructor. Spring.

1. Program goals and objectives

**The goals for this program are to better prepare students in their understanding of health care needs by both the patient and the provider. The student’s role as a health coach is to reinforce education provided to the patient during recent hospitalization and reinforce written discharge instruction and education material provided to the patient; contribute to better patient outcomes by supporting patient adherence to post hospitalization plan of care; communicate with the Care Coordinator for problem solving as needed; and assist with linking patients to community resources as needed.**

1. Expected student learning outcomes

**The Certificate in Health Coaching curriculum is derived from the BS Biological Sciences, emphasis in Pre-Professional program. The relevant and applicable program learning outcome from the BS Biological Sciences, emphasis in Pre-Professional program is as follows:**

**Students will be able to identify diversity as result of evolutionary and adaptive mechanisms while recognizing the underlying genetic principles and mechanisms of these processes.**

**More specifically, the Certificate in Health Coaching will prepare students to know and do the following:**

**• describe key concepts that adversely influence the continuum of healthcare at the community level (medical, psychosocial, behavioral and economic factors and challenges).**

**• summarize evidence-based strategies with individuals facing manageable risk factors and ambulatory care sensitive conditions to optimize healthcare outcomes.**

**• identify strategies with individuals for promoting positive self-health behaviors.**

**• discuss adherence obstacles and care gaps with the intraprofessional team to identify and provide suggestions/support for improving care coordination.**

**• explain the role of the health coach within an intraprofessional healthcare team.**

1. Documentation that program meets employer needs

**This certificate is embedded in an existing degree program and lower enrollment is anticipated. There are no additional costs associated with the certificate because 20 of the 22 required hours are currently being taught by existing faculty. The proposed certificate has been requested by UAMS - University of Arkansas for Medical Sciences, Northeast Campus in working with chronic patients.**

1. Student demand (projected enrollment) for proposed program

 **Initially 8 per semester and then expand as UAMS resources and need arises.**

1. Program approval letter from licensure/certification entity, if required

**Not required.**

1. Name of institutions offering similar programs and the institution(s) used as model to develop proposed program

**NA**

1. Scheduled program review date (within 10 years of program implementation)

**2024**

1. Institutional curriculum committee review/approval date:
2. Will this program be offered on-campus, off-campus, or via distance delivery? If yes, indicate mode of distance delivery. **Both on and off campus, with off campus courses taught at UAMS Northeast Campus, Jonesboro, AR**
3. Identify off-campus location. Provide a copy of e-mail notification to other institutions in the area of the proposed off-campus program offering.

**UAMS Northeast Campus, Jonesboro, AR NA**

1. Provide additional program information if requested by ADHE staff.

President/Chancellor Approval Date:

Board of Trustees Notification Date:

Chief Academic Officer: Date: