

Proposal for Establishing a BAS in Health Sciences Concentration

The College of Nursing and Health Innovation (COHI) is proposing the establishment of a Health Sciences concentration for students seeking completion of the BAS degree. This proposal was initially designed by the Dean of the School of Applied Arts and Sciences, prior to its disestablishment and merger into the CONHI. This proposal is supported by [a] a letter from Executive Dean Craig Thatcher, who maintains administrative oversight of the CONHI Health Promotion programs, including the proposed Health Sciences program and [b] a supporting letter from Dean Bernadette Melnyk, confirming that the proposed concentration and has been reviewed and approved through appropriate internal procedures. An email statement of support from Dean Fred Corey is also provided to confirm his ability to provide PHI 101 to Health Sciences students.

The BAS in Health Sciences [HSC] is designed to provide the academic knowledge and skills to allow students with an AAS degree from a previously-approved health related program to advance their employment opportunities within the health field and/or continue into a graduate program of study. All students will complete a specified complement of general studies courses that reflect the graduation requirements of Arizona State University. The BAS in Health Sciences will offer a core of related courses to broaden and strengthen the academic expertise of enrolled students. A minimum of 60 credits from Arizona State University is required to complete the BAS in Health Sciences.

According to the U.S. Department of Labor, the health sciences field represents the largest single industry in the U.S., accounting for over 14 million jobs. In addition, 7 of the 20 fastest growing occupations are health related, generating 3 million new wage and salary jobs between 2006 and 2016, more than any other industry. The need for health educators, for example, is estimated to grow by 20% or more over the next decade, requiring an additional 25,000 employees. While many health-related professions can be entered with a B.S. degree, a number of health professionals begin their career paths with an A.A.S. degree in a specific technical area such as Medical Radiology, Nuclear Medicine Technology, Histology Technology, etc. Each year, over 3,000 students complete a program in allied health from the Maricopa Community College System. The proposed program provides for further opportunities in both employment and post-baccalaureate educational options upon completion of the B.A.S. in Health Sciences [HSC]. In addition, the program is designed to provide cross-disciplinary training, an essential in the modern workforce. With the completion of the BAS degree, graduates will be able to return to their original area of expertise in allied health [e.g. radiology, nuclear imaging, etc] and qualify for a managerial position, as an educator/instructor within their field of expertise, and/or a higher position grade within their current place of employment. Other career options include positions such as health/patient educator, elder services program coordinator, HMO/insurance company client coach, longterm care health/wellness coordinator, home health care coordinator, WIC/Community Nutrition Aide, school health and program specialist, and Healthy Start coordinator. Students who do not immediately enter or reenter the workforce will be well qualified for entry into graduate programs in Gerontology, Family Sciences, Health Education, and related areas.

The requirements for the BAS in Health Sciences include both admission and completion requirements.

ADMISSION REQUIREMENTS: Only those students with a regionally accredited AAS from an approved (articulated) Health/Health Technology program are eligible for this degree. All courses in the AAS must have a grade of C or higher. The articulated AAS degree must contain the following lower division general studies and foundations coursework:

First Year Composition (6 hrs)

Humanities (selected from AGEC list) (3 hrs)

Social & Behavioral Sciences (selected from AGEC list) (3 hrs)

Natural Sciences (Selected from AGEC list) (4 hrs)

Mathematics (0-3 hrs). If not completed in the AAS, this requirement will be included as part of the 60-units completed as ASU in order to meet ASU GS requirement.

All courses used for General Studies within the AAS must satisfy AGEC (Arizona General Education Curriculum) criteria (or an equivalent articulated general studies transfer pattern) with the exception of mathematics.

COMPLETION REQUIREMENTS: There are three components to the concentration requirements: ASU General Studies courses, BAS Area Core, and Health Sciences Concentration.

ASU General Studies Sequence (22-25 credits): Within General Studies or other courses, student must meet Global Awareness, Historical Awareness, Cultural Diversity, and Literacy course requirements of ASU.

Credits Recommended courses

Mathematical Studies (MA)	3	Must meet AGEC MA criteria.
Mathematical Studies: (CS)	3	APM 301 Introductory Statistics OR equivalent upper division statistics course [ABS 350 Applied Statistics, ASC 315 Numeracy in Technology, SOC 390 Social Statistics, SWU 321 Statistics for Social Workers, STP 420 Introduction to Applied Statistics]
Literacy (L) & Critical Inquiry (at least 3 hrs upper division)	6	TWC 301 General Principles of Multimedia Writing OR equivalent upper division (L) course [ENG 301 Writing for the Professions, ENG 302 Business Writing]
Natural Science [SQ]	4	
Humanities (HU)	3	HSC 320 Applied Medical/Health Care Ethics OR equivalent upper division (HU) course [PHI 306 Applied Ethics, PHI 406 Moral Dilemmas, REL 381 Religion and Moral Issues]
Social Science (SB)	3	NTR 350 Nutrition Counseling OR equivalent upper division (SB) course [COM 316 Gender and Communication, SOC 352 Social Change]

General Studies (HU or SB) upper division	3	NTR 450 Lifecycle Nutrition [SB] OR ALD 420 Health Issues of Older Adults OR equivalent upper division (HU or SB) course [CDE 430 Infant/Toddler Development, EDP 313 Childhood and Adolescence, SOC 427 Sociology of Health/Illness]
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B.A.S. Area Core (9 credits)

EXW 302 Fundamentals of Wellness	3 credits
HSC 420 Evaluation of Health Sciences Research	3 credits
HSC 300 Complementary Health Care	3 credits

Health Sciences Concentration (26-29 credits): Select from the following.

Professional Communication and Education: Select at least 9 cr

AFS 494 Health Education Health Promotion in Black Communities [3 cr]

COM 316 Gender and Communication [3 cr] [SB & C]

COM 371 Language, Culture and Communication[3 cr] [SB & C & G]

COM 410 Interpersonal Communication Theory and Research [3 cr] [SB]

EDP 310 Selected topics such as Motivation; Learning and Memory [3 cr] [SB]

EXW 342 Health Behavior Change [3 cr]

EXW 346 Program Evaluation in Health Promotion [3 cr]

JMC 445 Science Writing

NTR 300 Computer Applications in Nutrition [3 cr] [CS]

NTR 350 Nutrition Counseling [3 cr] [SB]

NTR 351 Nutrition and Health Communication [3 cr]

NTR 494 ST: Nutrition and the Media [3 cr]

PSY 320 Learning and Memory [3 cr]

TWC 401 Principles of Technical Communication [3cr] [L]

TWC 411 Principles of Visual Communication [3 cr] [L]

TWC 446 Technical and Scientific Reports [3cr] [L]

Vulnerable Populations: Select at least 6 cr

- ASB 321 Indians of the Southwest [3 cr] [(L or SB) & H & C]
- ASB 342 Mexico-US Borderlands [3 cr] [SB]
- ASB 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
- EXW 450 Cultural & Social Issues in Exercise & Wellness [3 cr][L or SB;C]
- FAS 370 Family, Ethnic and Cultural Diversity [3 cr] [SB & C]
- GRN 420 Health Aspects of Aging [3 cr] [SB]
- HST 325 Immigration and Ethnicity in the US [3 cr] [SB & H & C]
- NTR 348 Cultural Aspects of Food [3 cr] [SB & C & G]
- SOC 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
- SOC 418 Aging and the Life Course [3 cr] [SB]
- SOC 424 Women and Health [3 cr] [L or SB]
- SOC 427 Sociology of Health and Illness [3 cr] [L or SB]
- SSH 301 Global History of Health [3 cr] [SB, H]
- SSH 404 Culture and Health [3 cr]
- TLC 321 Transborder Community Development and Health (3 cr)
- TLC 323 Latino Health Issues (4 cr) [SB, C]
- TLC 326 Health of Chicanas and Latinas (3 cr) [SB, C]
- TCL 327 Health and Migration [3 cr] [L or SB]
- TCL 422 US-Mexico Border Health [3 cr]
- WST 300 Women in Contemporary Society [3 cr] [SB & C]
- WST 394 Women and International Health [3 cr]

Policy and Organizations

- MGT 300 Organizational Management and Leadership [3 cr]
- MGT 310 Collaborative Team Skills [3 cr]
- PGS 458 Group Dynamics [3 cr]
- POS 325 Public Policy Development [3 cr]

Concentration Checksheet (26-29 credits)

Credits

<u>Professional Communication and Education</u>	
	3
	3
	3
<u>Vulnerable Populations</u>	
	3
	3
<u>Remaining Course Selections</u>	
	3
	3
	3
	2-5

B.A.S. Degree Summary

A.A.S. Degree Block Transfer	60
ASU General Studies	22-25
B.A.S. Area Core	9
HSC Concentration	26-29
TOTAL	120

The concentration is designed so that 60-credits are completed at ASU however students seeking to complete this degree are **required** to earn a minimum of 30 semester hours in resident-credit courses at ASU.

Ann Sebren, PhD. Lecturer, Exercise and Wellness. Primary course instructor for EXW 450 Cultural and Social Issues in Exercise and Wellness. Involvement with HSC: 5%

Jack Chisum, PhD. Lecturer, Exercise and Wellness. Primary course instructor for EXW 302 Fundamentals of Wellness and EXW 342 Health Behavior Change. Involvement with HSC: 10%

HSC Lecturer Line #1: The individual currently in this position will be leaving ASU employment as of May 2009. The replacement hire will have expertise in legal and legislative aspects of health care, U.S. health care systems. Involvement with HSC: 100%

Bachelor of Applied Science Degree: Health Sciences (HSC)

Curriculum Check Sheet for 60-cr AAS Transfer

Note: Only those students with a regionally accredited AAS from an approved (articulated) Health/Health Technology program are eligible for this degree.

All courses in the AAS must have a grade of C or higher.

Articulated General Studies Sequence (16-19 credits):

The articulated AAS degree must contain the following lower division general studies and foundations coursework:

First Year Composition (6 hrs)

Humanities (selected from AGECE list) (3 hrs)

Social & Behavioral Sciences (selected from AGECE list) (3 hrs)

Natural Sciences (Selected from AGECE list) (4 hrs)

Mathematics (0-3 hrs). If not completed in the AAS, this requirement will be included as part of the 60-units completed as ASU in order to meet ASU GS requirement.

All courses used for General Studies within the AAS must satisfy AGECE (Arizona General Education Curriculum) criteria (or an equivalent articulated general studies transfer pattern) with the exception of mathematics.

ASU General Studies Sequence (22-25 credits):

Within General Studies or other courses, student must meet Global Awareness, Historical Awareness, Cultural Diversity, and Literacy course requirements of ASU.

Credits Recommended courses

Mathematical Studies (MA)	3	Must meet AGEC MA criteria.
Mathematical Studies: (CS)	3	APM 301 Introductory Statistics OR equivalent upper division statistics course [ABS 350 Applied Statistics, ASC 315 Numeracy in Technology, SOC 390 Social Statistics, SWU 321 Statistics for Social Workers, STP 420 Introduction to Applied Statistics]
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B.A.S. Area Core (9 credits)

Credits

EXW 302 Fundamentals of Wellness	3
HSC 420 Evaluation of Health Sciences Research	3
HSC 300 Complementary Health Care	3

Health Sciences Concentration (26-29 credits): Select from the following.

Professional Communication and Education: Select at least 9 cr

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TWC 401 Principles of Technical Communication [3cr] [L]
TWC 411 Principles of Visual Communication [3 cr] [L]
TWC 446 Technical and Scientific Reports [3cr] [L]

Vulnerable Populations: Select at least 6 cr

ASB 321 Indians of the Southwest [3 cr] [(L or SB) & H & C]
ASB 342 Mexico-US Borderlands [3 cr] [SB]
ASB 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
EXW 450 Cultural & Social Issues in Exercise & Wellness [3 cr][L or SB;C]
FAS 370 Family, Ethnic and Cultural Diversity [3 cr] [SB & C]
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HST 325 Immigration and Ethnicity in the US [3 cr] [SB & H & C]
NTR 348 Cultural Aspects of Food [3 cr] [SB & C & G]
SOC 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
SOC 418 Aging and the Life Course [3 cr] [SB]
SOC 424 Women and Health [3 cr] [L or SB]
SOC 427 Sociology of Health and Illness [3 cr] [L or SB]

- SSH 301 Global History of Health [3 cr] [SB, H]
- SSH 404 Culture and Health [3 cr]
- TLC 321 Transborder Community Development and Health (3 cr)
- TLC 323 Latino Health Issues (4 cr) [SB, C]
- TLC 326 Health of Chicanas and Latinas (3 cr) [SB, C]
- TCL 327 Health and Migration [3 cr] [L or SB]
- TCL 422 US-Mexico Border Health [3 cr]
- WST 300 Women in Contemporary Society [3 cr] [SB & C]
- WST 394 Women and International Health [3 cr]

Policy and Organizations

- BIO 494 Current Issues in US Public Health [3 cr]
- MGT 300 Organizational Management and Leadership [3 cr]
- MGT 310 Collaborative Team Skills [3 cr]
- PGS 458 Group Dynamics [3 cr]
- POS 325 Public Policy Development [3 cr]

Concentration Checksheet (26-29 credits)

Credits

<u>Professional Communication and Education</u>	
	3
	3
	3
<u>Vulnerable Populations</u>	
	3
	3
<u>Remaining Course Selections</u>	

	3
	3
	3
	2-5

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ASU College of Nursing
& Health Innovation
ARIZONA STATE UNIVERSITY

DATE: October 8, 2009
TO: Curriculum and Academic Programs Committee
Bernadette Melnyk
FROM: Bernadette Melnyk, PhD, RN, CPNP/PMHNP, FNAP, FAAN
Dean and Distinguished Foundation Professor in Nursing
RE: Support for B.A.S. in Health Sciences Concentration

As Dean of the College of Nursing and Health Innovation, I would like to confirm my support for the proposed B.A.S. in Health Sciences concentration. This proposal has been reviewed and received faculty approval through appropriate governance procedures in the unit.

Please feel free to contact me should additional information be needed.

Office of the Dean
500 North 3rd Street, Phoenix, AZ 85004
Phone: 602.496.2644 • Fax: 602.496.0886
E-mail: nursingandhealth@asu.edu WEB: www.nursing.asu.edu

ASU College of Nursing
& Health Innovation
ARIZONA STATE UNIVERSITY

DATE: October 8, 2009

TO: Curriculum and Academic Programs Committee *Craig D. Thatcher*

FROM: Craig D. Thatcher, DVM, PhD, Diplomate ACVN
Executive Dean

RE: Support for B.A.S. in Health Sciences Concentration

As Executive Dean of the College of Nursing and Health Innovation, I provide administrative oversight to the newly integrated health promotion programs, including the proposed Health Sciences program. The proposed concentration has been reviewed and received faculty approval through appropriate governance procedures in the unit. There are currently adequate resources and personnel to support the B.A.S concentration as presented in this proposal, with no impact on core course offerings. As enrollment growth occurs in the program, additional faculty will need to be hired to support the program.

Please feel free to contact me should additional information be needed.

Office of the Executive Dean
500 North 3rd Street, Phoenix, AZ 85004
Phone: 602.496.2644 • Fax: 602.496.0886
E-mail: nursingandhealth@asu.edu WEB: www.nursing.asu.edu