

This template is to be used only by programs that have received specific written approval from the Provost's office to proceed with internal proposal development and review. The proposal template should be completed in full and submitted to the University Provost's Office [mailto: curriculumplanning@asu.edu]. It must undergo all internal university review and approval steps including those at the unit, college, and university levels. A program may not be implemented until the Provost's Office notifies the academic unit that the program may be offered.

College/School/Institute: College of Health Solutions

Department/Division/School: School for the Science of Health Care Delivery

Proposing Faculty Group (if applicable):

Is this an official joint degree program? No, this is not a joint degree program

If "Yes" List all the additional college(s)/school(s)/institute(s) that will be involved in offering the degree program and providing the necessary resources. Note: All units offering this program must have collaborated in the proposal development and completed the appropriate unit and college/school approvals.

Degree type: BS-Bachelor of Science

If other; provide degree type title and proposed abbreviation:

Name of degree program (major): Public Health

Are any concentrations to be established under this degree program? No, concentrations will not be established.
A separate "Proposal to Establish an Undergraduate Concentration" is required for each concentration.

Is a program fee required? Yes, a program fee is required. This is not a new program fee. The College of Health Solutions has a program fee in place for all of its non-nursing undergraduate programs.

Requested effective catalog year? 2014-15

For deadline dates see: Curriculum Workflow Calendars.

Delivery method: On-campus only (ground courses and/or iCourses)

Once students elect a campus or On-line option, students will not be able to move back and forth between the on-campus and the ASU Online options. Approval from the Office of the Provost and Philip Regier (*Executive Vice Provost and Dean*) is required to offer programs through ASU Online.

Campus/Locations:

Indicate all locations where this program will be offered.

Downtown Phoenix Polytechnic Tempe West Other:

Proposal Contact

Name: William Riley/Alison Essary

Title: Director, School for the Science of Health Care
Delivery/Director of Student Affairs, CHS

Phone number: 602-496-0878/602-496-0843

Email: William.J.Riley@asu.edu or Alison.Essary@asu.edu

Dean Approval(s)

This proposal has been approved by all necessary unit and College/School levels of review. I recommend implementation of the proposed program.

College/School/Division Dean name: Keith Lindor

Signature

Date: 9/10/2013

College/School/Division Dean name (if more than one college involved):

Signature

Date: / /20

An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.

1. Purpose and Nature of Program

Provide a brief program description. Include the distinctive features of the program that make it unique.

Faced with a growing population, aging demographic profile and long-standing shortage of qualified personnel, the need for Public Health practitioners in the U.S. continues to expand. The need for a qualified Public Health workforce is even greater on a global level. This program will educate and train individuals who will be qualified to work as entry level public health practitioners and/or further their education at the graduate level. The BS in Public Health program will offer cross-disciplinary training and the flexibility to select a minor in Global Health or other related programs. Over time, it is likely that the degree will expand into several concentration areas such as Environmental Health, Epidemiology, etc. The field of public health encompasses practice, education, service and research. Students in the BS in Public Health will be well prepared to work in a wide range of public and private enterprises, including government agencies (local, state, federal), community service organizations, commercial health plans, academic and research institutions, and private corporations.

2. Student Learning Outcomes and Assessment Methods

A. Knowledge, competencies, and skills

List the knowledge, competencies, and skills students should have when they graduate from the proposed degree program. (You can find examples of program Learning Outcomes at (<http://www.asu.edu/oue/assessment.html>)

The curriculum for this degree has been developed in accordance with the Undergraduate Public Health Learning Outcomes model developed by the Association of Schools of Public Health. Upon completion of the B.S. in Public Health, students will demonstrate:

- [1] Knowledge of human cultures and the physical and natural world as they relate to individual and population health.
- [2] Intellectual and practical skills such as critical and creative thinking, written and oral communication, information literacy, teamwork, problem solving, and quantitative literacy.
- [3] Personal and social responsibility including intercultural knowledge and competence, ethical reasoning, civic knowledge and engagement (local and global) and skills for life long learning.
- [4] Integrative and applied learning such as the synthesis of knowledge across general and specialized areas of expertise.
- [5] The ability to assess/conduct surveillance of defined communities; develop, implement and assess public health interventions; advocate for and promote community education, health promotion, disease prevention, and emergency preparedness.
- [6] Understanding of the ethical, social, legal, economic, and political influences on the practice of Public Health

B. Assessment

Describe the plan and methods to assess whether students have achieved the knowledge, competencies and skills identified in the Learning Outcomes. (You can find examples of assessment methods at (<http://www.asu.edu/oue/assessment.html>)

Program faculty will identify two or more learning outcomes that contribute to one or more of the six domains noted above. Two or more performance criteria will be defined for each learning outcome. Initially, the sample will be populated by 100% of the students enrolled in core Public Health classes. As the program grows, selective sampling techniques will be employed. Assessment tools will be aligned with student learning outcomes. Examples of methods of assessment include: tests, quizzes, presentations, written projects and case studies.

3. Academic Curriculum and Requirements

A. Major Map.

Attach a copy of the “proposed” major map for this degree program and each concentration(s) to be offered. Instructions on how to create a “proposed major map” in [BAMM](#) can be found in the [Build a Major Map Training Guide](#).

B. Summary of credit hours required for this program

Total credit hours must be 120 and include first year composition, general studies, core/required courses, program specific electives, and any additional requirements (e.g., concentration credits).

| Requirements | Credit Hours |
|---------------------------------|--------------|
| First Year Composition | 6 |
| ASU 101 (or Equivalent) | 1 |
| General Studies | 3 |
| Core/required courses | 98 |
| Program specific electives | 3 |
| Additional requirements | 0 |
| Other; please explain Electives | 9 |
| Total | 120 |

C. Core/Required Courses.

i. Total required and/or core course credit hours: 120

ii. List the name, prefix, and credit hours for each required/core course for this program

Existing courses:

| | |
|----------------|-------------------------------------------------------|
| BIO 181, 182 | General Biology I, II (4,4) |
| BIO 201, 202 | Human Anatomy and Physiology I, II (4,4) |
| CHM 113, 116 | General Chemistry I, II (4,4) |
| EXW 290 | Foundations of Health Promotion and Wellness (3) |
| EXW 342 | Health Behavior and Change (3) |
| EXW 344 | Physical Activity in Health and Disease (3) |
| EXW 444 | Epidemiology (3) |
| EXW 450 | Social Determinants of Health and Health Behavior (3) |
| EXW 446 | Health Promotion and Program Evaluation (3) |
| HSC 210 | Cultural Aspects of Health (3) |
| HSC 320 | Applied Medical/Healthcare Ethics (3) |
| HSC 330 | Healthcare Systems in the U.S. (3) |
| HSC 332 | Healthcare Legislation (3) |
| MAT 117 or 170 | College Algebra or Precalculus (3) |
| MAT 210 | Brief Calculus (3) |
| MIC 205,206 | Microbiology; Microbiology Laboratory (3,1) |
| NTR 241 | Human Nutrition (3) |
| NTR 351 | Nutrition and Health Communication (3) |
| NTR 448 | Community Nutrition (3) |
| PHI 101 | Introduction to Philosophy(3) |
| PSY 101 | Introduction to Psychology (3) |
| SSH 100 | Introduction to Global Health (3) |

New/proposed courses, to be approved by CAPC:

| | |
|---------|------------------------------------|
| PBH 100 | Introduction to Public Health (3) |
| PBH 300 | Biostatistics (3) |
| PBH 350 | Environmental Health (3) |
| PBH 422 | Health Disparities (3) |
| PBH 444 | Public Health Field Experience (4) |

D. Program Specific Electives.

- i. Total required program elective credit hours: 3 credits from an approved introductory statistics course
- ii. List the name, prefix, and credit hours for any program specific electives for this program:
STP 226 Elements of Statistics (or other approved by department)

E. Additional Program Requirements (if any):

List and describe any capstone experiences, milestone, and/or additional requirements.
Capstone course "PBH 444 Public Health Field Experience" is included in Core/Required Course roster.

F. Concentrations

- i. Are any concentrations to be established under this degree program? **No, concentrations will not be established.**
If yes, are concentrations required? No, concentrations will not be required.
- ii. List courses & additional requirements for the proposed concentration (s):

| Concentration Name | Total credit hours | Core/Required Courses for Concentration (Prefix, # & Title) | Total Core credit hours | Program Specific Electives (include course name and prefix) | Total Elective credit hours | Additional Requirements (i.e. milestones, capstones) |
|--------------------|--------------------|-------------------------------------------------------------|-------------------------|-------------------------------------------------------------|-----------------------------|------------------------------------------------------|
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4. New Course Development

- A. Will a new course prefix (es) be required for this degree program? Yes
If yes, list prefix name(s) (i.e. ENG- English) PBH

Note: A request for a "New/Change to Prefix Request Form" must be completed for each new prefix required and submitted with this proposal: http://provost.asu.edu/files/shared/curriculum/Prefix_Request.doc.

- B. New Courses Required for Proposed Degree Program.

List all new courses required for this program, including course prefix, number and course description.

PBH 100 Introduction to Public Health (3). An overview of the major concepts in public health and services available at the national, state, and local levels..

PBH 300 Biostatistics (3). Using problem-based learning, students learn to describe data, make inferences, and test hypotheses related to public health issues and biomedical research..

PBH 350 Environmental Health (3). Current issues in water and air quality, food safety, risk assessment, waste management, environmental diseases and environmental regulations. Current controversies in environmental health will be explored.

PBH 422 Health Disparities (3). Population-specific differences in access to health care services, quality of health care, and health outcomes as related to racial, ethnic, and socioeconomic factors..

PBH 444 Public Health Field Experience (4). Students will be placed with agencies/organizations providing public health services and participate in supervised activities. Project presentation and research paper required.

Note: New course requests must be submitted electronically via [Curriculum ChangeMaker](#) and undergo all internal university review and approval steps including those at the unit, college, and university levels.

5. Program Need

Explain why the university needs to offer this program (include target audience and market).

Current and emerging public health issues, national and global in scope, require a well trained workforce. The Association of Schools of Public Health has specifically delineated the need to “expand undergraduate public health education” (ASPH Policy Brief: Confronting the Public Health Workforce Crisis, 2008). This same policy brief estimated a deficit of 250,000 qualified public health workers by 2020. More than half of U.S. states report a lack of qualified personnel to meet emergency preparedness needs. The availability of an undergraduate degree in Public Health will provide students with a well paid, high demand point of entry into the career of their choice. Additionally, the current health care workforce does not reflect the changing demographics of the U.S.

The proposed program will target well qualified undergraduate students seeking a career in one of many fields within Public Health (Epidemiology, Environmental Health, Communicable and Non-Communicable Diseases, Emergency Preparedness, Public Health Policy, Health Education and others). Given its success in the recruitment, retention, and graduation of underserved populations, ASU is well positioned to address the lack of workforce diversity in Public Health noted above. The multidisciplinary nature of Public Health is well suited to the current inventory of ASU courses, and some courses will be cross-listed with the B.S. in the Science of Health Care Delivery, thus only a limited number of new courses will be required.

This degree will attract out-of-state students (New Mexico, Colorado, Montana, Nevada, and Idaho lack undergraduate degrees in Public Health) as well as international students (the World Health Organization has identified a “major mismatch” between global needs and the available international public health workforce). In addition, this undergraduate degree will serve as a strong feeder program into an ASU Masters of Public Health (MPH) program. Finally, a Certificate in Public Health is envisioned as an easily implemented enhancement to the undergraduate degree program, an offering that could be delivered online to current ASU students and a broader audience of the U.S. workforce.

6. Impact on Other Programs

List other academic units that might be impacted by the proposed program and describe the potential impact (e.g., how the implementation of this program might affect student headcount/enrollment, student recruitment, faculty participation, course content, etc. in other programs). Attach letters of collaboration/support from impacted programs.

The B.S. in Public Health degree was planned with the active participation of faculty from the College of Nursing and Health Innovation and with input from Dr. Alexandra Brewis Slade, Director and Professor of the School of Human Evolution and Social Change. The degree is designed to provide students with the ability to declare a minor in Global Health within the 120 credit limit, thus it is anticipated that implementation of this degree will increase the enrollments of selected courses in the School of Human Evolution and Social Change. It is not anticipated that this degree will have any impact on undergraduate programs in the College of Nursing and Health Innovation.

7. Projected Enrollment

How many new students do you anticipate enrolling in this program each year for the next five years?

| 5-YEAR PROJECTED ANNUAL ENROLLMENT | | | | | |
|-------------------------------------------|----------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------|
| | 1st Year | 2nd Year (Yr 1 continuing + new entering) | 3rd Year (Yr 1 & 2 continuing + new entering) | 4th Year (Yrs 1, 2, 3 continuing + new entering) | 5th Year (Yrs 1, 2, 3, 4 continuing + new entering) |
| Number of Students Majoring (Headcount) | 50 | 100 | 150 | 175 | 200 |

8. Accreditation or Licensing Requirements

If applicable, provide the names of the external agencies for accreditation, professional licensing, etc. that guide your curriculum for this program, if any. Describe any requirements for accreditation or licensing.

The School for the Science of Health Care Delivery will seek program accreditation through the Council on Education for Public Health (CEPH).

CEPH is an independent agency recognized by the US Department of Education to accredit schools of public health and, as would apply to ASU, public health programs offered in settings other than schools of public health. These schools and programs prepare students for entry into careers in public health. The primary professional degree is the Master of Public Health (MPH) but other degrees can be offered as well. If desired for an undergraduate program in Public Health, CEPH must approve an institution’s application to undergo review for accreditation of its program(s). The accreditation process includes several steps including: Participation in a mandatory workshop on accreditation hosted by CEPH; mandatory consultation visit by CEPH staff; submission of a draft of the self-study document for submission to CEPH Councilors; submission of the revised self-study document for submission to CEPH; site visit by external panel of reviewers; CEPH Board of Directors decision on accreditation. Initial accreditation is typically for a period of five years. At this time, there is no mandatory accreditation for institutions offering undergraduate degrees in Public Health, but voluntary accreditation would support program credibility.

9. Faculty & Staff

A. Current faculty

List the name, rank, highest degree, area of specialization/expertise and estimate of the level of involvement of all current faculties who will teach in the program.

The following faculty will provide instruction in the existing EXW, NTR and HSC coursework included in this proposal:

Barbara Ainsworth, MPH, PhD, Professor of Exercise and Wellness (10%)
Specialties: Physical activity assessment, physical activity and health

Cristi Coursen, RN, PhD, Associate Clinical Professor (30%)
Specialties: Health policy

Cheryl DerAnanian, PhD, Assistant Professor of Exercise and Wellness (10%)
Specialties: Physical activity and health promotion in underserved populations

Steven Hooker, PhD, Professor of Exercise and Wellness (10%)
Specialties: Population-based interventions to promote physical activity; Policy and environmental interventions to promote healthy lifestyles.

Carol Johnston, RD, PhD, Professor of Nutrition (10%)

Specialties: Benefits of functional foods in chronic disease risk reduction.

Karen Sweazea, PhD, Assistant Professor of Nutrition (10%)

Specialties: Regulation of glucose metabolism

William Riley, PhD, Director and Professor, School for the Science of Health Care Delivery (10%)

Specialties: Public health, patient safety

Pam Thompson, MD, Assistant Research Professor, School for the Science of Health Care Delivery (10%)

Specialties: Communication, global health systems, health disparities

B. New Faculty:

Describe the new faculty hiring needed during the next three years to sustain the program. List the anticipated hiring schedule and financial sources for supporting the addition of these faculty members.

Leadership anticipates hiring two (2) new tenured/tenure track faculty. Faculty will support the new course offerings (course development, program development, course delivery) and to initiate the accreditation process, and provide mentorship for new students. These faculty hires may require investment from the Office of the Provost.

Additionally, the program will likely require staff investment, including one Coordinator, Student Internships and one Academic Success Specialist. Additional faculty will be hired using enrollment growth funds as the program expands.

C. Administration of the program.

Explain how the program will be administered for the purposes of admissions, advising, course offerings, etc. Discuss the available staff support.

The B.S. in Public Health will be administered through the School for the Science of Health Care Delivery in the College of Health Solutions. It is anticipated that the College of Health Solutions' Office of Student Services, with the addition of an advisor and coordinator, will be able to adequately support this degree program.

10. Resources (necessary to launch and sustain the program)

A. Required resources:

Describe any new resources required for this program's success, such as new support staff, new facilities, new library resources, new technology resources, etc.

As noted above, additional faculty and staff will likely be needed to ensure course development, delivery and program coordination and development occurs. Additionally, classroom space will likely need to be addressed as availability on the downtown campus reaches max capacity.

B. Resource acquisition:

Explain how the resources to support this program will be obtained.

These faculty hires may require investment from the Office of the Provost

**2014 - 2015 Major Map
Public Health, BS (Proposed)**

STAWEND

| Term 1 0 - 18 Credit Hours Critical course signified by ⬇ | Hours | Minimum Grade | Notes |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASU 101: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first year composition courses. • ASU Math placement exam score determines placement in mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all freshman students. |
| ⬇ BIO 181: General Biology I (SQ) | 4 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | 3 | | |
| ⬇ PBH 100: Introduction to Public Health | 3 | C | |
| Term hours subtotal: | 18 | | |
| Term 2 19 - 32 Credit Hours Critical course signified by ⬇ | Hours | Minimum Grade | Notes |
| ⬇ BIO 182: General Biology II (SG) | 4 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ⬇ Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |
| Term 3 33 - 48 Credit Hours Critical course signified by ⬇ | Hours | Minimum Grade | Notes |
| ⬇ BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| PHI 101: Introduction to Philosophy (HU) | 3 | | |
| HSC 210: Cultural Aspects of Health (C) | 3 | | |
| SSH 100: Introduction to Global Health (SB & G) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| ⬇ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 49 - 64 Credit Hours Critical course signified by ⬇ | Hours | Minimum Grade | Notes |
| ⬇ BIO 202: Human Anatomy and Physiology II (SG) | 4 | | |
| HSC 320: Applied Medical/Healthcare Ethics (HU) | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| EXW 290: Foundations of Health Promotion and Wellness (SB) | 3 | C | |
| Term hours subtotal: | 16 | | |
| Term 5 65 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| EXW 342: Health Behavior Change | 3 | C | |
| ★ HSC 330: Healthcare Systems in the U.S. | 3 | C | |

| | | |
|------------------------------------------------------------------------------------------------|----|---|
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C |
| NTR 351: Nutrition and Health Communications (L) | 3 | C |
| STP 226: Elements of Statistics (CS) OR Computer/Statistics /Quantitative Applications (CS) | 3 | C |
| Term hours subtotal: | 16 | |

| Term 6 81 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|------------------------------------------------------------------|-------|---------------|-------|
| EXW 344: Physical Activity in Health and Disease | 3 | C | |
| HSC 332: Healthcare Legislation | 3 | C | |
| PBH 300: Biostatistics | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|-------------------------------------------------------------------------------|-------|---------------|-------|
| EXW 444: Epidemiology | 3 | C | |
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| NTR 448: Community Nutrition (L) | 3 | C | |
| PBH 350: Environmental Health | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 109 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--------------------------------------------------------------------|-------|---------------|-------|
| EXW 446: Health Promotion and Program Evaluation | 3 | C | |
| PBH 422: Health Disparities | 3 | C | |
| PBH 444: Public Health Field Experience | 4 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 12 | | |

Total Hours: 120
Upper Division Hours: 45
 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56
 minimum
Total Community College Hrs: 64
 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Fine Arts and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

- General Studies Awareness Requirements:
- Cultural Diversity in the U.S. (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

General Studies designations listed on the major map are current for the 2014 - 2015 academic year.

APPENDIX
OPERATIONAL INFORMATION FOR UNDERGRADUATE PROGRAMS
(This information is used to populate the Degree Search/catalog website.)

1. Program Name (Major): BS in Public Health

2. Program Description (150 words maximum)

The BS in public health offers a multidisciplinary core of courses designed to prepare students for entry-level positions in the field of public health and to further their education through the MPH and other graduate degrees. Students will gain the knowledge and skills to improve the health and well-being of people and populations through the prevention and risk reduction of communicable and non-communicable diseases, environmental protection and health promotion. Students will also be prepared to work with persons and populations of diverse socioeconomic, racial, ethnic and national origins, as well as design and implement policies to ensure equal access to health care.

3. Contact and Support Information

| | |
|----------------------------------------------------------------|-----------------------------------------------------------------------|
| Building Name, code and room number: (<i>Search ASU map</i>) | NHI2 521AB |
| Program office telephone number: (<i>i.e. 480/965-2100</i>) | 602/496-0875 |
| Program Email Address: | PBH@ASU.EDU |
| Program Website Address: | http://CHS.ASU.EDU/SHCD/PBH |

4. Delivery/Campus Information Delivery: On-campus only (ground courses and/or iCourses)

Note: Once students elect a campus or On-line option, students will not be able to move back and forth between the on-campus and the ASU Online options. Approval from the Office of the Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online.

5. Campus/Locations: indicate all locations where this program will be offered.

Downtown Phoenix Polytechnic Tempe West Other:

6. Additional Program Description Information

- A. Additional program fee required for this program? Yes
B. Does this program have a second language requirement? No

7. Career Opportunities & Concentrations

Provide a brief description of career opportunities available for this degree program. If program will have concentrations, provide a brief description for each concentration. (150 words maximum)

Graduates of this program will qualify for entry-level positions in public health education, sanitation and environmental control, public health administration, health promotion and similar areas. Employment opportunities are available within national, state or local health departments; community clinics, community or private advocacy groups, health education programs, and non-profit organizations.

8. Additional Admission Requirements

If applicable list any admission requirements (freshman and/or transfer) that are higher than and/or in addition to the university minimum undergraduate admission requirements.)
None

9. Keywords

List all keywords used to search for this program. Keywords should be specific to the proposed program.
Public health; health education; health promotion; health policy

10. Advising Committee Code

List the existing advising committee code to be associated with this degree. UGNH07

Note: If a new advising committee needs to be created, please complete the following form:

[Proposal to create an undergraduate advising committee](#)

11. First Required Math Course

List the first math course required in the major map. MAT 117 or 170

12. Western Undergraduate Exchange (WUE) Eligible:

Has a request been submitted to the Provost by the Dean to consider this degree program as eligible for WUE?No

Note: No action will be taken during the implementation process with regards to WUE until approval is received from the Provost.

13. Area(s) of Interest

A. Select one (1) primary Area of Interest from the list below that applies to this program.

- | | |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <u>Architecture, Construction & Design</u> | <input type="checkbox"/> <u>Engineering & Technology</u> |
| <input type="checkbox"/> <u>Artistic Expression & Performance</u> | <input type="checkbox"/> <u>Environmental Issues & Physical Science</u> |
| <input checked="" type="checkbox"/> <u>Biological Sciences, Health & Wellness</u> | <input type="checkbox"/> <u>Interdisciplinary Studies</u> |
| <input type="checkbox"/> <u>Business, Management & Economics</u> | <input type="checkbox"/> <u>Languages & Cultures</u> |
| <input type="checkbox"/> <u>Communication & Media</u> | <input type="checkbox"/> <u>Law & Justice</u> |
| <input type="checkbox"/> <u>Computing & Mathematics</u> | <input type="checkbox"/> <u>Social Science, Policies & Issues</u> |
| <input type="checkbox"/> <u>Education & Teaching</u> | |

B. Select any additional Areas of Interest that apply to this program from the list below.

- | | |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <u>Architecture, Construction & Design</u> | <input type="checkbox"/> <u>Engineering & Technology</u> |
| <input type="checkbox"/> <u>Artistic Expression & Performance</u> | <input checked="" type="checkbox"/> <u>Environmental Issues & Physical Science</u> |
| <input checked="" type="checkbox"/> <u>Biological Sciences, Health & Wellness</u> | <input type="checkbox"/> <u>Interdisciplinary Studies</u> |
| <input type="checkbox"/> <u>Business, Management & Economics</u> | <input type="checkbox"/> <u>Languages & Cultures</u> |
| <input type="checkbox"/> <u>Communication & Media</u> | <input type="checkbox"/> <u>Law & Justice</u> |
| <input type="checkbox"/> <u>Computing & Mathematics</u> | <input checked="" type="checkbox"/> <u>Social Science, Policies & Issues</u> |
| <input type="checkbox"/> <u>Education & Teaching</u> | |

The following fields are to be completed by the Office of the Executive Vice President and Provost of the University.

CIP Code: _____

Plan Code: _____

Julie Ramsden

From: Melanie Burn
Sent: Wednesday, September 11, 2013 4:55 PM
To: curriculumplanning@asu.edu
Cc: Keith Lindor; Alison Essary; Julie Ramsden; William Riley
Subject: Updated Proposal and Major Map for BS in Public Health
Attachments: BS in Public Health Proposal 9-11-2013 final.doc; Major Map - Public Health - eAdvisor Academic Program Search.pdf

Importance: High

Good afternoon,

On behalf of Executive Vice Provost and Dean, Dr. Keith Lindor, and School Director, Bill Riley, please find an updated iteration of the previously submitted Proposal to Establish and Undergraduate Degree in Public Health. Additionally, the updated major map is attached.

Please feel free to contact us should any questions arise.

Melanie





May 1, 2012

Dear Linda,

The College of Nursing and Health Promotion is pleased to provide support for the proposed BS in Public Health. The degree will provide a relevant and important opportunity for students interested in health from a broad perspective that is complementary yet distinct from the degrees offered in CONHI.

We welcome opportunities to explore shared courses and other collaborative endeavors.

Thank you for asking our input in the early stages. We wish you well on this important degree proposal.

Warmest regards,

A handwritten signature in black ink, appearing to read "Teri Pipe".

Teri Pipe, PhD, RN

Dean, College of Nursing and Health Innovation

Friday, April 27, 2012

Dr Linda Vaughan
Director, School of Nutrition and Health Promotion

Dear Linda

Our School is pleased to provide support for the proposed BS in Public Health. This will provide a complementary but very distinct option for students in the context of the current BA in Global Health offered in SHESC. The degrees should be together provide a number of training efficiencies (e.g., through sharing courses) yet provide two very distinct types of training and intellectual experiences (yours grounded in traditions of public health approaches and emphasizing local required internships, and ours grounded rather in the in the social and life sciences and requiring study abroad). There are also so many students interested in this important area that the more options we have available, the better.

Good luck with the important degree proposal.

Respectfully,



Alexandra Brewis Slade, PhD
Executive Director and Professor.

Date: May 14, 2012

To: Linda Vaughan, Director, School of Nutrition and Health Promotion

From: Jennifer Fay, Senior Lecturer & Coordinator, Kinesiology Program
Ann Sebren, Senior Lecturer & Coordinator, Exercise & Wellness Program
Tina Shepard, Senior Lecturer & Coordinator, Nutrition Program

Re: Results of the SNHP Curriculum Meeting to Discuss the Proposed Bachelor of
Science Degree in Public Health

The SNHP curriculum committee convened on May 14, 2012 to review the proposed Bachelor of Science in Public Health. Overall, we feel this degree is well designed. Please find below a short list of questions and suggestions regarding the proposal received.

MAT 210

We are assuming calculus is part of the core/required course list because of the possibility this degree may attract pre-med students. If so, are we certain that MAT 210 will fulfill the “some calculus” requirement of medical schools? Or would MAT 251 (Calculus for Life Sciences) be more appropriate? If the intent was not to fulfill the “some calculus” needed by pre-med students, is there a reason for a calculus course at all?

MIC 220 and 226

MIC 220/226 is for Life Science majors and is not currently offered downtown. Please see course description below.

Course description for MIC 220: Introductory microbiology for students majoring in the life sciences. Detailed study of microbial cells, their structure, genetics, physiology, and taxonomy.

We suggest substituting MIC 205/206 for MIC 220/226. MIC 205/206 is for non-Life Science majors (e.g. Nutrition and Nursing) and is currently offered on the downtown campus. Please see course description below.

Course description for MIC 205: Introductory microbiology, emphasizing basic principles of microorganisms (bacteria, protozoa, algae, fungi, and viruses) and the role they play in health, ecology, and applied fields. May not be used for Microbiology credit unless a diagnostic test is passed. Both MIC 205 and MIC 206 required for SG General Studies credit.

EXW 335

We recommend EXW 442 (soon to be EXW 344), Physical Activity in Health and Disease, in place of EXW 335, Physical Activity and Fitness Concepts. EXW 442 is essentially the epidemiology of physical activity whereas EXW 335 is a less intensive exercise physiology course. We feel that EXW 442 would be more appropriate for the student in Public Health.

EXW (TBD)

This course is not shown in red (i.e. it is not shown as a newly proposed course yet to be approved by CAPC). However, this course does not yet exist. Moreover, as far as the EXW curriculum committee is aware, there are no new plans to develop this course. By title, this course seems very appropriate for this degree (as well as the Health Promotion Concentration Core in EXW). However, without a course description and learning outcomes, we cannot fully assess the appropriateness of this course for this degree.

Additional Nutrition Course Recommended

We suggest considering the addition of NTR 448, Community Nutrition. The committee feels this particular course would be very appropriate for a Public Health degree.