

1. Overview

A. Description

Provide a brief description of the proposed minor.

Health Innovation introduces students to the foundational knowledge necessary to contribute to transformational change in real world situations within health care. The minor will provide students with an overview on initiating, implementing, and sustaining innovation in health care.

B. Why should this be a minor rather than a concentration?

The minor in health innovation will be open to students in all majors and provide the opportunity for students to add this knowledge to their degree program. Students will be able to integrate the courses in health innovation with majors across the university including business, social work, engineering and more.

C. Affiliation

If the minor is affiliated with a degree program, include a brief statement of how it will complement the program. If it is not affiliated with a degree program, incorporate a statement as to how it will provide an opportunity for a student to gain knowledge or skills not already available at ASU.

The College of Nursing and Health Innovation launches the BS in Health Care Innovation in fall 2015. Students who want to develop a full range of skills and knowledge will be encouraged to select the major. The minor will serve the needs of students in other majors who want to expand their knowledge base and skill set in the area of health innovation.

D. Demand

Explain the need for the new minor (e.g., market, student demand, interdisciplinary considerations).

The minor in health innovation will focus on entrepreneurship, intrapreneurship and innovative practices within the health industry. The minor will meet the needs of students in a wide range of degrees who want to focus on innovation in health. The minor will complement the university's entrepreneurship focus.

E. Projected Enrollment

What are enrollment projections for the first three years?

	1st Year	2nd Year (Yr. 1 continuing + new entering)	3rd Year (Yr. 1 & 2 continuing + new entering)
Number of Students (Headcount)	15	30	45

2. Support and Impact

A. Faculty governance

Provide a supporting letter from the chair of the academic unit verifying that the proposed minor has received faculty approval through appropriate governance procedures in the unit and that the unit has the resources to support the minor as presented in the proposal, without impacting core program resources.

The faculty in the College of Nursing and Health Innovation have voted to approve this minor both at the undergraduate curriculum committee and the faculty academic assembly. Students in the minor will enroll in courses currently in the major degree program. No additional resources will be required to offer this minor.

B. Other related programs

Identify other related ASU programs and outline how the new minor will complement these existing ASU programs. (If applicable, statements of support from potentially-affected academic unit administrators need to be included with this proposal submission.)

Currently, a minor focused on innovation in the health industry does not exist at ASU.

C. Letter(s) of support

Provide a supporting letter from each college/school dean from which individual courses are taken.

All courses are offered by the College of Nursing & Health Innovation. A letter of support from the College of Health Solutions has been included.

3. Academic Curriculum and Requirements

A. Knowledge, competencies, and skills

List the knowledge, competencies, and skills (learning outcomes) students should have when they complete this proposed minor. Examples of program learning outcomes can be found at (<http://www.asu.edu/oue/assessment.html>).

Students will be able to:

- Assess the financial impact of innovation.
- Create sustainable relationships in collaboration with interprofessional partners across systems to advance innovation.
- Evaluate the relationship between continuous policy assessment, development, and outcomes.
- Facilitate ethical and culturally responsive innovation with individuals, families, and communities
- Combine communication patterns and technologies to promote and sustain a culture of innovation.

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 (<https://uoeee.asu.edu/creating-plan>).

Program Completion Outcome #1

Facilitates ethical and culturally responsive innovation with individuals, families, and communities

Measure: HCI 425 discussion board. Teaming to Innovate discussion board assignment: Creating relationships with individuals and communities in an innovation context; pitfalls and opportunities of responsible innovation; collaborative facilitation of innovation in different populations versus project management

Criterion: 80% of student contributions will meet or exceed expectations on the HCI 425 discussion board using standardized assignment and grading rubric

Program Completion Outcome #2

Creates sustainable relationships in collaboration with interprofessional partners across systems to advance innovation.

Measure: HCI 412. Students will demonstrate competency in Systems Thinking through completion of the final portfolio: Designing my thinking systems toolbox to facilitate innovation in diverse systems

Criterion: 80% of students will earn a "B" or better according to standard portfolio rubric

Program Completion Outcome #3

Evaluates the relationship between continuous policy assessment, development, and outcomes

Measure: HCI 421 Written assignment. Explore and anticipate ethical considerations in policy development

Criterion: Synthesis of ethics content and policy development present in 70% of students as demonstrated by standard assignment rubric.

Program Completion Outcome #4

Assesses the financial impact of innovation.

Measure: HCI 311 Discussion board: Describe the role of finance in healthcare innovation and describe innovation's financial value to organizations

Criterion: 80% of students will receive a B or better on the discussion board assignment according to standard discussion board rubric

Program Completion Outcome #5

Analyzes responses to outcome measurements within the context of health care.

Measure: HCI 421 final project. Synthesize the process of healthcare policy development and evolution from an interdisciplinary perspective. Describe how policy development and evolution informs the identification of outcomes and their measurement in a healthcare context.

Criterion: 80% of students will receive a B or better on the final project

Program Completion Outcome #6

Combines communication patterns and technologies to promote and sustain a culture of innovation.

Measure: HCI 428 Final Project. Analyze the role of technology tools to achieve the Triple Aim.

Criterion: Evidence of student awareness of Triple aim and implications for end-user engagement in technology in 70% of students as demonstrated in final project rubric.

Program Completion Outcome #7

Demonstrates a belief in the innovation process

Measure: HCI 311 final project: the value of the innovation process for individuals and communities

Criterion: 80% of students will earn a "B" or better according to the final project rubric

4. Academic Curriculum and Requirements

A. Provide a description of the curricular requirements for the minor. Be specific in listing required courses as well as electives and specify the total minimum number of hours required for the minor. Please attach one or more model programs of study to illustrate the choices students might make, if appropriate.

Required Minor Courses

Prefix	Number	Title	Is this a new course?	Credit Hours
HCI	311	Introduction to Health Care Innovation: Foundational Concepts	No	3
HCI	412	Transforming Health Care: A Systems Perspective for Innovation	No	3
HCI	421	Health Care Policy: The Innovator’s View	No	3
HCI	425	Facilitating Innovation to Achieve Outcomes	No	3
HCI	428	Technology: A Tool to Advance Innovation in Health Care	No	3
Section Sub-total				15

Elective Minor Courses

Prefix	Number	Title	Is this a new course?	Credit Hours
			(Select one)	
			(Select one)	
Section Sub-total				0

Other Minor Requirements

E.g. – Capstone experience, internship, clinical requirements, field studies, foreign language skills as applicable Credit Hours

Section Sub-total **0**

Total minimum credit hours required for the Minor **15**

B. Minimum residency requirement

How many hours of the minor must be ASU credit?

Twelve (12) of the fifteen (15) hours must be completed at Arizona State University.

C. New Courses

Provide a brief course description for each new course.

No new courses are needed.

Note: All new required courses should be submitted in Curriculum Changemaker and ready for Provost’s Office approval before this certificate is put on Curriculum and Academic Programs Committee (CAPC) agenda

5. Administration and Resources

- A. Describe the procedures and any qualifications for enrollment in the minor.
Students may self-select to their intent to pursue the minor. Their major advisor can add the minor to the student’s program/plan stack. Students pursuing the minor may seek advising on minor requirements through advisors in the College of Nursing & Health Innovation. Students must have a minimum of a 2.00 GPA to select this minor.
- B. Describe the advising procedures as well as measures for verification of completion of the minor.
DARS will be used to verify completion of minor requirements.
- C. What are the resource implications for the proposed minor, including any projected budget needs? Will new books, library holdings, equipment, laboratory space and/or personnel be required now or in the future? If multiple units/programs will collaborate in offering this minor, please discuss the resource contribution of each participating program. Letters of support must be included from all academic units that will commit resources to this minor.
The College of Nursing & Health Innovation currently has the resources needed to offer this minor. No additional resources will be necessary.
- D. Primary Faculty
List the primary faculty participants regarding this proposed certificate. For interdisciplinary certificates, please include the relevant names of faculty members from across the University.

Name	Title	Area(s) of Specialization as they relate to proposed certificate
Cathy Lalley, PhD, MHI, RN	Interim Program Director and Clinical Assistant Professor	Technology, seven pillars of innovation, innovation leadership, IP healthcare teamwork (lead faculty, faculty facilitator)
Narayanan Krishnamurthi, PhD	Assistant Professor	Evidence based practice, research methodology (faculty member)
Linda Voyles, MHI, RN, CNOR	Instructor, Course Coordinator	Health outcomes, Triple Aim, leadership in crosscultural organizations (Lead Instructor)
Janet Kerby, MBA, MHI	Course coordinator Faculty Associate	Technology, business, entrepreneurship, prototyping (Lead course coordinator)
Sonja Nelson, MHA, MHI	Course coordinator Faculty Associate	Idea generation in an innovation context, healthcare, emotional competence (Lead course coordinator)

6. Additional Materials

- A. Appendix
Complete and attach the Appendix document.
- B. Program of study
Provide one or more model programs of study (if appropriate).
- C. Attach other information that will be useful to the review committees and the Office of the Provost.

**APPENDIX
OPERATIONAL INFORMATION FOR MINORS**

(This information is used to populate the Degree Search/catalog website.

Please consider the student audience in creating your text.)

1. Proposed Minor Name:

Health Innovation

2. Description (150 words maximum)

Health innovation provides students with the foundational concepts necessary to contribute to transformational change in real-world situations within health care. The minor will give students an overview of initiating, implementing and sustaining innovation in health care.

3. Contact and Support Information

Building Name, code and room number: ([Search ASU map](#))

MERCC 250

Program office telephone number: (*i.e.* 480/965-2100)

602/496-0888

Program Email Address:

nursingandhealth@asu.edu

Program Website Address:

https://nursingandhealth.asu.edu

4. Program Requirements: Provide applicable information regarding the program such as curricular restrictions or requirements, specific course lists, or academic retention requirements.

The minor in health innovation requires 15 upper-division credit hours.

HCI 311 Introduction to Health Care Innovation: Foundational Concepts (3)

HCI 412 Transforming Health Care: A Systems Perspective for Innovation (3)

HCI 421 Health Care Policy: The Innovator's View (3)

HCI 425 Facilitating Innovation to Achieve Outcomes (3)

HCI 428 Technology: A tool to Advance Innovation in Health Care (3)

A "C" or better is required in all minor courses.

Students pursuing the minor may seek advising on minor requirements through advisors in the College of Nursing and Health Innovation.

5. Additional Enrollment Requirements If applicable list any additional enrollment requirements students must complete. Students must have a minimum of a 2.00 GPA to select this minor.

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor. A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

6. Delivery/Campus Information Delivery:

On-campus (ground and icourse)

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.

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

Downtown Phoenix Polytechnic Tempe West Other:

August 25, 2015

Brenda Morris, EdD, RN, CNE
Associate Dean, Academic Affairs
ASU College of Nursing & Health Innovation

Dear Brenda,

This letter is to confirm support for the proposed minors offered by the College of Nursing & Health Innovation: Community Health, Health Care Coordination, Health Innovation and Integrative Health.

Sincerely,



Kathleen Andereck, Ph.D.
Director of Curricular Initiatives, College of Public Service & Community Solutions
Director and Professor, School of Community Resources & Development

Office of the Dean

Mail code 3520, 411 N. Central Ave., Suite 750, Phoenix, AZ 85004-2163
(602) 496-0600 FAX (602) 496-0955
publicservice.asu.edu

Jennifer Malerich

From: Brenda Morris <BRENDA.MORRIS@asu.edu>
Sent: Monday, August 24, 2015 6:19 PM
To: curriculumplanning@asu.edu
Cc: Brenda Morris
Subject: Request to add letter of support to minors - Community Health, Health Care Coordination, Health Innovation, Integrative Health, Clinical Research Management - FW: Request for letter of support from CHS for new minors

Hi,

Please attach this letter of support to the proposals to establish minors in: Community Health, Health Care Coordination, Health Innovation, Integrative Health, Clinical Research Management.

Thank you

Take care, Brenda

Brenda Morris, EdD, RN, CNE
Assistant Dean
brenda.morris@asu.edu

From: Julie Liss
Sent: Monday, August 24, 2015 6:09 PM
To: Brenda Morris
Subject: Re: Request for letter of support from CHS for new minors

Brenda,
Sorry for the delay. CHS supports CONHI's new minor proposal for the following:

- Community Health
- Health Care Coordination
- Health Innovation
- Integrative Health
- Clinical Research Management

Best wishes,
Julie

Julie Liss, Ph.D.
Associate Dean, College of Health Solutions
Professor, Department of Speech and Hearing Science
Barrett Honors Faculty
Arizona State University
julie.liss@asu.edu

From: Brenda Morris <BRENDA.MORRIS@asu.edu>
Date: Monday, August 24, 2015 5:56 PM

To: Julie Liss <JULIE.LISS@asu.edu>
Cc: Brenda Morris <BRENDA.MORRIS@asu.edu>
Subject: FW: Request for letter of support from CHS for new minors

Hi Julie,

I just wanted to follow up and see if you had any questions for me about this request.

I have added one additional minor to the initial request. This is the proposed minor in Health Care Compliance and Regulations.

Is it possible to obtain an email indicating that CHS supports the proposed minors in ____?

- Community Health
- Health Care Coordination
- Health Innovation
- Integrative Health
- Clinical Research Management

Thank you for considering these requests.

Take care, Brenda

Brenda Morris, EdD, RN, CNE
Assistant Dean
brenda.morris@asu.edu

From: Brenda Morris
Sent: Friday, August 14, 2015 1:16 PM
To: Julie Liss
Subject: Request for letter of support from CHS for new minors

Hi Julie,

I hope all is well.

I'm writing to request a letter of support on behalf of CHS for the following minors: Community Health, Health Care Coordination, Health Innovation, and Integrative Health.

These minors will provide students with options to blend different health related majors and minors to customize their education. We believe these minors are complementary to the academic offerings of CHS.

If these are approved, CONHI will launch the minors in F 2016.

CONHI is launching the new BS degrees in Community Health, Health Innovation, and Integrative Health in F 2015.

The BS in Health Care Coordination will be launched in F 2016.

Thank you for considering this request.

Please let me know if you need any additional information.

Take care, Brenda

Brenda Morris, EdD, RN, CNE
Assistant Dean
ASU College of Nursing & Health Innovation
Brenda.morris@asu.edu
602-496-0850