

1. Overview

A. Provide a brief description of the new certificate.

The School for the Science of Health Care Delivery serves as a connection between the business of medicine and clinical practice. As form follows function, School faculty is comprised of tenure-track and clinically-trained faculty who work together to create, teach, and disseminate knowledge to positively and measurably impact the delivery of the patient care experience, population health, and reduction of cost.

This certificate in Health Care Policy and Delivery focuses on the business of medicine – including policy, administration, and leadership. Students have the option of selecting an internship course, which will enhance application of core concepts.

B. This proposed certificate (check one):

- Is cross disciplinary; or
- Is certified by a professional or accredited organization/governmental agency; or,
- Clearly leads to advanced specialization in a field; or,
- Is granted to a program that does not currently have a major.

C. Why should this be a certificate rather than a concentration or a minor?

This proposal was created in response to demand from our Maricopa County Community College (MCCC) partners. Coursework in Health Care Policy and Delivery are relevant to a variety of disciplines outside the major.

D. Affiliation

If the certificate program 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 certificate program is linked with the undergraduate degree program. This certificate would permit students with an interest in Health Care Policy and Delivery the opportunity to broaden and expand their competitiveness for employment and post-graduate degree programs. This certificate may lead to enhanced enrollment in the Health Care Policy and Delivery degree program.

E. Demand

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

Health and health care is one of the fastest growing employment fields. Per the Bureau of Labor and Statistics, employment of health care occupations is projected to grow 19 percent from 2014 to 2024, much faster than the average for all occupations, adding about 2.3 million new jobs. Health care occupations will add more jobs than any other group of occupations. This growth is expected due to an aging population and because federal health insurance reform should increase the number of individuals who have access to health insurance.

F. 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)	5	10	15

2. Support and Impact

A. Faculty governance

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

Students who elect to complete the certificate Health Care Policy and Delivery will enroll in existing College of Health Solutions coursework. The anticipated enrollment will not adversely impact current curricula, and may in fact enrich the experience of all students in the courses.

B. Other related programs

Identify other related ASU programs and outline how the new certificate 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.)

W. P. Carey School of Business offers Entrepreneurship and Innovation and Leadership in Business. Although complimentary in nature, neither offers health-related content. Impact statements from the College of Nursing and Health Innovation are attached.

C. Letter(s) of support

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

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

In addition to the knowledge, competencies, and skills identified in each course syllabus, students who complete the certificate program in Health Care Policy and Delivery will be prepared to provide systems-thinking and principles of delivery science to the health and health care industry.

In the course *HCD 403 Process Engineering*, at least 80% of students will score at least 70% or better on the assignment: Literature search and review: Using the IOM domains as a framework, search the literature for five (5) peer-reviewed articles related to a systems-level improvement. Identify the database, search criteria, results and methods used to select the articles. Synthesize the articles and present in a professional 6-8 page format.

In the course *HCD 302 Health Care Management*, at least 80% of the students will score at least 70% or better on each of 5 discussion board assignments worth 25% of the total grade.

B. Admissions criteria

List the admissions criteria for the proposed certificate. If they are identical to the admission criteria for the existing major and degree program under which this certificate will be established, please note that here.

Standard ASU admissions criteria applies. To enroll in the certificate program, the applicant must be admitted to ASU as a degree-seeking or nondegree-seeking student. The curriculum committee of the School for the Science of Health Care Delivery program will approve applications to the certificate program.

C. Curricular structure

Provide the curricular structure for this certificate. Be specific in listing required courses and specify the total minimum number of hours required for the certificate.

Required certificate courses

Prefix	Number	Title	Is this a new Course?	Credit Hours
HCD	302	Health Care Management	No	3
HCD	330	Health Care Systems in the U.S.	No	3
HCD	401	Leadership and Professionalism	No	3
HCD	402	Health Economics	No	3
HCD	403	Process Engineering	No	3
<i>Section sub-total:</i>				15

Elective certificate courses (select one)

Prefix	Number	Title	Is this a new Course?	Credit Hours
HCD	404	Advanced Concepts in the Science of Health Care Delivery	No	3
HCD	422	Health Disparities and Access to Health	No	3
HCD	484	Internship	No	3
<i>Section sub-total:</i>				3

Other certificate requirements

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

Credit Hours

Section sub-total:

Total minimum credit hours required for certificate 18

D. Minimum residency requirement

How many hours of the certificate must be ASU credit?

12

E. New Courses

Provide a brief course description for each new course.

None needed

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

4. Administration and Resources

A. Administration

How will the proposed certificate be administered (including admissions, student advisement, retention, etc.)?

The certificate will be administered with existing resources. Advising will be done by existing College of Health Solutions advisors and students will be monitored by the college Retention Specialist. Admission requirements are those of the university.

B. Resources

What are the resource implications for the proposed certificate, 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 certificate 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 certificate.

No new resources will be needed.

C. 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
Adrienne White, MS	Faculty Instructor	Health care systems, administration, policy, and health
Ellen Green, PhD	Assistant Professor	Behavioral economics
Bill Riley, PhD	Professor	Systems engineering, process engineering
Bettie Coplan, MPAS, PA-C	Clinical Associate Professor	Health care systems, patient/provider interaction

5. Additional Materials

- A. Complete and attach the Appendix document.
- B. 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 University Provost.

APPENDIX

OPERATIONAL INFORMATION FOR UNDERGRADUATE CERTIFICATES

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

Please consider the student audience in creating your text.)

A. Proposed Certificate Name: Health Care Policy and Delivery

B. Description (150 words maximum)

The School for the Science of Health Care Delivery offers a certificate which reflects the school's role as a connection between the businesses of medicine and clinical practice. This certificate program in health care policy and delivery focuses on the business of medicine – including policy, administration and leadership. Students have the option of selecting an internship course, enhancing their application of core concepts. Students with an interest in health and health care are afforded the opportunity to broaden and expand their competitiveness for employment and postgraduate degree programs.

C. Contact and Support Information

Building Name, code and room number: (Search ASU map)	HLTHS 444AA
Program office telephone number: (<i>i.e.</i> 480/965-2100)	602/496-3300
Program Email Address:	chs@asu.edu
Program Website Address:	https://chs.asu.edu/programs/undergraduate

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

Required courses (15 credit hours)

HCD 302 Health Care Management (3)

HCD 330 Health Care Systems in the U.S. (3)

HCD 401 Leadership and Professionalism (3)

HCD 402 Health Economics (3)

HCD 403 Process Engineering (3)

Elective (3 credit hours; choose one course from below)

HCD 404 Advanced Concepts in the Science of Health Care Delivery (3)

HCD 422 Health Disparities and Access to Health (3)

HCD 484 Internship (3)

In order to complete the certificate, students must complete either ECN 211, ECN 212 or PBH 201.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate

E. 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.)

To enroll in the certificate program, the applicant must be admitted to ASU as a degree-seeking student. The curriculum committee of the School for the Science of Health Care Delivery will approve applications to the certificate program.

F. 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.

G. Campus/Locations:

Indicate **all** locations where this program will be offered.

Downtown Phoenix Polytechnic Tempe West Other:



January 31, 2017

Minutes: School for the Science of Health Care Delivery undergraduate curriculum committee

Topic: Proposal, Undergraduate Certificate in Health Care Policy and Delivery

Attendees: Cristi Coursen, Adrienne White, Swapna Reddy, Alison Essary (chair)

Summary: On January 31, 2017 the School for the Science of Health Care Delivery undergraduate curriculum committee reiterated its approval for the undergraduate certificate in Health Care Policy and Delivery.

Respectfully submitted,

Alison C. Essary, DHSc, MHPE, PA-C
Director of Strategic Academic Initiatives, College of Health Solutions
Associate Director | Clinical Associate Professor, School for the Science of Health Care Delivery
Faculty, Barrett, the Honors College | Program Coordinator, Medical Studies

From: Katherine Kenny <Katherine.Kenny@asu.edu>

Date: February 8, 2017 at 7:12:50 AM MST

To: Alison Essary <Alison.Essary@asu.edu>

Subject: FW: another letter of support

Dear Alison – We have reviewed your proposal for an undergraduate certificate in Health Care Policy and Delivery. The College of Nursing and Health Innovation offers similar courses in several of our baccalaureate health programs and our undergraduate degree in Health Innovation. This certificate is comprised of courses you currently offer in the Science of Health Care Delivery. While similar to the Undergraduate Minors offered by CONHI, the certificate compliments a degree that you already offer. On behalf of the College of Nursing and Health Innovation we have no objection to move this proposal forward.

Best,
Kathy

Katherine (Kathy) Kenny, DNP, RN, ANP-BC, FAANP, FAAN
Associate Dean of Academic Affairs
College of Nursing and Health Innovation
Arizona State University
(P) 602-496-1719
(F) 602-496-0545
Katherine.kenny@asu.edu