PROPOSAL TO ESTABLISH A NEW UNDERGRADUATE DEGREE PROGRAM

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): Science of Health Care Delivery

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, there is a $300 per semester fee for all undergraduate non-nursing programs in CHS

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 Online 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
Phone number: 602-496-0878/602-496-0843
Email: William.J.Riley@asu.edu/ Alison.Essary@asu.edu

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

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: 9/20

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.

Hospitals, payers, and patients require guidance on successfully navigating the complexities of the U.S. health care system. As the U.S. population ages, health care costs continue to grow, and health outcomes lag behind other nations, there will be continued need for professionals with health care expertise. This program will educate and train individuals who will be qualified to work in entry level health care administrative positions and/or further their education at the graduate level.

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](http://www.asu.edu/oue/assessment.html))


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](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 in each course. Two or more performance criteria will be defined for each learning outcome. 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).

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>First Year Composition</td>
<td>6</td>
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<tr>
<td>ASU 101 (or Equivalent)</td>
<td>1</td>
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<tr>
<td>General Studies</td>
<td>23</td>
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<tr>
<td>Core/required courses</td>
<td>75</td>
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<tr>
<td>Program specific electives</td>
<td>0</td>
</tr>
<tr>
<td>Additional requirements</td>
<td>0</td>
</tr>
<tr>
<td>Other; please explain</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>120</strong></td>
</tr>
</tbody>
</table>

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 (30 credits):
- ECN 211 Macroeconomics (3)
- ECN 212 Microeconomic Principles (3)
- HSC 320 Applied Medical/Healthcare Ethics (3)
- HSC 330 Healthcare Systems in the U.S. (3)
- HSC 332 Healthcare Legislation (3)
- MAT 210 Brief Calculus (3)
- PHI 101 Introduction to Philosophy (3)
- PHI 320 Bioethics (3)
- PSY 101 Introduction to Psychology (3)
- SSH 100 Introduction to Global Health (3)

New/proposed courses (45 credits):
- HSC 304 Health Communication (3)
- HCD 100 Introduction to the Science of Health Care Delivery (3)
- HCD 101 Introduction to Public Health (3)
- HCD 300 Biostatistics (3)
- HCD 301 Leadership and Interprofessionalism (3)
- HCD 302 Health Care Management (3)
- HCD 303 Global Health Care Systems (3)
- HCD 305 Public and Community Health (3)
- HCD 400 Interpreting Scientific Literature (3)
- HCD 402 Health Economics (3)
- HCD 403 Process Engineering (3)
- HCD 404 Advanced Concepts in Health Care Delivery (3)
- HCD 405 Health Technology (3)
- HCD 422 Health Disparities and Access to Health Care (3)
- HCD 484 Science of Health Care Delivery Internship (3)
D. Program Specific Electives.
   i. Total required program elective credit hours: 0
   ii. List the name, prefix, and credit hours for any program specific electives for this program:

E. Additional Program Requirements (if any):
   List and describe any capstone experiences, milestone, and/or additional requirements.
   Capstone requirement "HCD 484 Science of Health Care Delivery Internship" is listed under 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? (Select One)
   ii. List courses & additional requirements for the proposed concentration(s):

<table>
<thead>
<tr>
<th>Concentration Name</th>
<th>Total credit hours</th>
<th>Core/Required Courses for Concentration (Prefix, # &amp; Title)</th>
<th>Total Core credit hours</th>
<th>Program Specific Electives (include course name and prefix)</th>
<th>Total Elective credit hours</th>
<th>Additional Requirements (i.e. milestones, capstones)</th>
</tr>
</thead>
</table>

4. New Course Development

A. Will a new course prefix (es) be required for this degree program? No
   If yes, list prefix name(s) (i.e. ENG- English) HCD

   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.

   New/proposed courses, to be approved by University Senate (42 credits):

   HCD 100 Introduction to the Science of Health Care Delivery (3):
   An overview of key concepts in science, systems and leadership that influence the U.S. health care environment and the patients within.

   HCD 101 Introduction to Public Health (3):
   An overview of the major concepts in public health and services available at the local, state and national levels.

   HCD 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.
HCD 301 Leadership and Interprofessionalism (3):  
An introduction to leadership styles and theories used in health care, with an emphasis on teamwork and the application to case studies to promote critical thinking.

HCD 400 Interpreting Scientific Literature (3):  
Students apply skills in searching, interpreting and applying concepts from the medical literature, as appropriate, to case studies and concepts discussed in class.

HCD 422 Health Disparities and Access to Health Care (3):  
Population-specific differences in access to health care services, quality of health care, and health outcomes related to socioeconomic influences.

HCD 402 Health Economics (3):  
Description of the factors that drive health care costs, with information presented from multiple perspectives including the payer and the patient.

HCD 303 Global Health Care Systems (3):  
Description of health care models used internationally, with evaluation of funding sources, health outcomes and application to other global communities.

HCD 305 Public and Community Health (3):  
Identification and application of major public and community health resources to case-based scenarios.

HCD 404 Advanced Concepts in Health Care Delivery (3):  
Students describe innovative methods used in health care systems, including technology, organization models, and economic structures to improve health among individuals and/or populations.

HCD 403 Process Engineering (3):  
Using case-based scenarios, students will apply statistical analyses to identify methods to improve processes in health care.

HCD 405 Health Technology (3):  
Description of new and evolving technology used in health care to enhance systems and improve individual and population health. Examples include electronic medical records, telehealth and virtual bedside companions.

HCD 302 Health Care Management (3):  
Students are introduced to the multi-faceted, operational requirements of managers in health care organizations.

HCD 484 Science of Health Care Delivery Internship (3):  
Students are provided the opportunity to complete a research or field experience with an expert in science, systems or health. Project presentation and/or written paper is required.

HSC 304 Health Communication (3)  
Students will learn about the various kinds of communication prevalent in the vast arena of health.

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).

The U.S. health care system faces many challenges and requires a well-trained professional workforce to address them. U.S. health care spending reached $2.7 trillion in 2011 and has continued to grow by 4 percent annually in recent years. (Centers for Medicare and Medicaid, National Health Expenditures, 2011 Highlights). Representing 17.9% of Gross Domestic Product (GDP), health care spending in the U.S. far exceeds other nations. Despite health care spending, the U.S. health care system ranks 37th of 191 countries according to its performance (World Health Organization, The World Health Report 2000 – Health Systems: Improving Performance, 2000). Furthermore, the U.S. health care delivery system involves a complex relationship between payers, providers, and patients. Addressing these issues requires a well-trained and knowledgeable professional workforce to improve health care quality and outcomes while also increasing the efficiency of the delivery system.

The proposed program will target qualified undergraduate students interested in pursuing a career in health care administration or management. Many students may also be interested in pursuing professional degree programs, graduate degrees or certifications in health care and will use the knowledge and experience gained in this undergraduate program as a strong foundation for continuing education. This degree will attract both in state and out-of-state applicants. This is a unique program that offers courses unlike other health care degree programs, making it attractive to students interested in health care careers. Furthermore, there are no similar degrees in Arizona and few at other state universities so it is expected to attract students nationwide. The proposed program will also likely bring in international applicants interested in global systems, sciences, and health.

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 unique nature of the B.S. in the Science of Health Care Delivery degree makes it a likely draw for new students in the College of Health Solutions. There are no other comparable programs nationally. The M.S. in the Science of Health Care Delivery is one of three similar programs nationally. ASU and the College of Health Solutions, School for the Science of Health Care Delivery would be well-positioned to develop and implement this cutting edge degree program.

7. Projected Enrollment

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

<table>
<thead>
<tr>
<th>5-YEAR PROJECTED ANNUAL ENROLLMENT</th>
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<tbody>
<tr>
<td>1st Year (Yr 1 continuing + new entering)</td>
</tr>
<tr>
<td>Number of Students Majoring (Headcount)</td>
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</table>

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.
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.

William Riley, PhD, Director and Professor, School for the Science of Health Care Delivery (10%)
Specialties: Economics, patient safety, process engineering

Alison Essary, DHSc, Associate Professor, School for the Science of Health Care Delivery (10%)
Specialties: Leadership, preventive and public health

Pam Thompson, MD, Assistant Research Professor, School for the Science of Health Care Delivery (10%)
Specialties: Communication, global health systems, health disparities

Note: The School for the Science of Health Care Delivery will need to hire additional faculty to teach proposed new courses within the curriculum.

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.

In order to develop and implement the new Science of Health Care Delivery (HCD) program, leadership anticipates hiring four (4) new tenured/tenure track faculty over the next two years. Note: The program may require 4 new faculty positions and other staff from the Provost over the first 2 years. Enrollment growth will sustain faculty involvement and facilitate additional growth.

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 the Science of Health Care Delivery will be administered through the School for the Science of Health Care Delivery in the College of Health Solutions. In addition to the four faculty members included in section 9B, the hiring plan includes two staff members to assist with recruitment, advising and course logistics. Until they are hired, existing staff will support students seeking this major.
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.

   In addition to the faculty and staff needed to establish and sustain this program, classroom space on the downtown campus will need to be considered. The Campus is quickly approaching maximum capacity and the establishment of programs such as this and others will push that capacity beyond its limits. It is possible that this program will incorporate adaptive learning environments into its delivery - that would likely require some additional technological infrastructure at the College level.

B. Resource acquisition:
   Explain how the resources to support this program will be obtained.

   These faculty and staff hires may require investment from the Office of the Provost. Enrollment growth will sustain faculty and staff involvement and facilitate additional growth.
APPENDIX
OPERATIONAL INFORMATION FOR UNDERGRADUATE PROGRAMS
(This information is used to populate the Degree Search/catalog website.)

1. Program Name (Major): Science of Health Care Delivery, BS

2. Program Description (150 words maximum)
U.S. health care spending reached $2.7 trillion in 2011 and has continued to grow by 4 percent annually. Despite health care spending, the U.S. health care system ranks 37th of 191 countries according to its performance. Furthermore, the U.S. health care delivery system involves a complex relationship between payers, providers and patients. Addressing these issues requires a well-trained and knowledgeable workforce to improve health care quality and outcomes while also increasing the efficiency of the delivery system. This is a unique curriculum that attracts students interested in global systems, sciences and health. The BS in the science of health care delivery targets undergraduate students interested in pursuing careers in health care administration, leadership or management. Qualified students may also be interested in graduate degrees or certifications in health care..

3. Contact and Support Information
   Building Name, code and room number: (Search ASU map) NHI2 521 AB
   Program office telephone number: (i.e. 480/965-2100) 602/496-0875
   Program Email Address: shcd@asu.edu
   Program Website Address: https://chs.asu.edu/shcd

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 (CHS has a set program fee for all undergraduate programs; however, the program fee noted here is not different or new)
   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 process management, health care management and leadership, health services research, health administration, and quality improvement in health care organizations. Graduates will also be prepared for entry-level positions in risk management, the pharmaceutical industry, health insurance, government and regulatory agencies, and professional 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.
Health, health care, health care delivery, health management, health economics, health administration, health studies, healthy business, health care systems, health care administration, health care systems design, health care dynamics, hospital administration, hospital management, medical practice management, medical practice administration

10. Advising Committee Code  UGNH06
   List the existing advising committee code to be associated with this degree.
   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 210

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.
      □ Architecture, Construction & Design  □ Engineering & Technology
      □ Artistic Expression & Performance  □ Environmental Issues & Physical Science
      □ Biological Sciences, Health & Wellness  □ Interdisciplinary Studies
      □ Business, Management & Economics  □ Languages & Cultures
      □ Communication & Media  □ Law & Justice
      □ Computing & Mathematics  □ Social Science, Policies & Issues
      □ Education & Teaching

   B. Select any additional Areas of Interest that apply to this program from the list below.
      □ Architecture, Construction & Design  □ Engineering & Technology
      □ Artistic Expression & Performance  □ Environmental Issues & Physical Science
      □ Biological Sciences, Health & Wellness  □ Interdisciplinary Studies
      □ Business, Management & Economics  □ Languages & Cultures
      □ Communication & Media  □ Law & Justice
      □ Computing & Mathematics  □ Social Science, Policies & Issues
      □ Education & Teaching

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

CIP Code:           

Plan Code:          
### 2014 - 2015 Major Map
Science of Health Care Delivery, BS (Proposed)

AJLPZXZ

<table>
<thead>
<tr>
<th>Term</th>
<th>Credit Hours</th>
<th>Critical course signified by</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td><strong>Term 1</strong></td>
<td>0 - 14</td>
<td>ASU 101: The ASU Experience</td>
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<tr>
<td></td>
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<td>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students</td>
<td>3</td>
<td>C</td>
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<td></td>
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<td>HCD 100: Introduction to the Science of Health Care Delivery</td>
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<td>MAT 210: Brief Calculus (MA)</td>
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<td>Natural Science - General (SG) OR Natural Science - Quantitative (SQ)</td>
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<td><strong>Term 2</strong></td>
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<td>C</td>
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<td></td>
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<td>HCD 101: Introduction to Public Health</td>
<td>3</td>
<td>C</td>
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<td></td>
<td></td>
<td>PHI 101: Introduction to Philosophy (HU)</td>
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<td>C</td>
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<td></td>
<td>PSY 101: Introduction to Psychology (SB)</td>
<td>3</td>
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<td>Natural Science - Quantitative (SQ)</td>
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<td>Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</td>
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<td><strong>Term 3</strong></td>
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<td>ECN 212: Microeconomic Principles (SB)</td>
<td>3</td>
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<td>SSH 100: Introduction to Global Health (SB &amp; G)</td>
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<td>Literacy and Critical Inquiry (L)</td>
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<td>Complete Mathematics (MA) requirement.</td>
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<td><strong>Term 4</strong></td>
<td>46 - 60</td>
<td>HCD 301: Leadership and Professionalism</td>
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<td>Historical Awareness (H)</td>
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<td>Cultural Diversity in the U.S. (C)</td>
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<td><strong>Term 5</strong></td>
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<td>HCD 300: Biostatistics</td>
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<td>HSC 304: Health Communication</td>
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<tr>
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<td>HSC 320: Applied Medical/Healthcare Ethics (HU)</td>
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</table>
PHI 320: Bioethics (HU) 3 C
Elective 3
Term hours subtotal: 15

**Term 6** 76 - 90 Credit Hours  Necessary course signified by

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
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<tbody>
<tr>
<td>HCD 302: Health Care Management</td>
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<tr>
<td>HCD 303: Global Health Care Systems</td>
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<td>C</td>
<td></td>
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<tr>
<td>HCD 400: Interpreting Scientific Literature</td>
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<td>C</td>
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<td>HSC 330: Healthcare Systems in the U.S.</td>
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<tr>
<td>Elective</td>
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<tr>
<td>Term hours subtotal:</td>
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**Term 7** 91 - 105 Credit Hours  Necessary course signified by

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Upper Division Literacy and Critical Inquiry (L)</td>
<td>3</td>
<td></td>
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<tr>
<td>HCD 402: Health Economics</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCD 422: Health Disparities and Access to Health Care</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HSC 332: Healthcare Legislation</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>Term hours subtotal:</td>
<td>15</td>
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</table>

**Term 8** 106 - 120 Credit Hours  Necessary course signified by

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCD 305: Public and Community Health</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCD 403: Process Engineering</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCD 404: Advanced Concepts in Health Care Delivery</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCD 405: Health Technology</td>
<td>3</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>HCD 484: Internship</td>
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<td>C</td>
<td></td>
</tr>
<tr>
<td>Term hours subtotal:</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 minimum

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.

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Good afternoon,

On behalf of Executive Vice Provost and Dean, Dr. Keith Lindor, and School Director, Bill Riley, please find our proposal to establish a new Bachelor's of Science in the Science of Health Care Delivery attached. Additionally, a major map has been included for review.

Please let us know if you have any questions,

Thank you!

Melanie

SUN DEVIL FOR LIFE