

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:

Proposing Faculty Group (if applicable):

Is this is 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): Medical Studies

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, however, it is not a new program fee; CHS has an approved program fee for all 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:	<u>Melanie Burm</u>	Title:	<u>Chief of Operations</u>
Phone number:	<u>602-496-1395</u>	Email:	<u>melanie.burm@asu.edu</u>

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: Dr. Keith Lindor

Signature _____ **Date:** 9/11/2013

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.

The Bachelor of Science in Medical Studies is an interdisciplinary program exploring the various facets of medical studies to include sciences, social sciences, humanities, statistics and other disciplines as they relate to health, health care, and complementary fields. Students will be academically prepared and provided a well-rounded foundation needed for many career paths: medicine, dentistry, medical administration, health care policy, health care industry (e. g., product development, insurance providers), health advocacy, medical academics, allied health, patient support services, health information, or business development within a health/medical setting. The coursework will be interdisciplinary to adapt to the changes in the MCAT and medical education in general, while allowing students to explore various facets of what constitutes medical studies.

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>))

- 1) Biological and biochemical foundations of living systems
- 2) Chemical and physical foundation of biological systems
- 3) Psychological, social and biological foundations of behavior
- 4) Health policy, finance, health disparities, and cultural aspects of health
- 5) Ability to critically analyze information from a wide range of biological, chemical, social science and humanities themes
- 6) Ability to comprehend, analyze, synthesize and reason information obtained from a variety of sources
- 7) Ability to effectively articulate information that has been learned
- 8) Ability to apply information learned in a meaningful manner
- 9) Ability to interpret and understand the intricacies of health policy and finance

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>))

Assessment within this program will be a combination of the following:

- 1) Classroom exams or quizzes
- 2) Classroom homework/assignments
- 3) Research papers
- 4) Classroom discussions
- 5) Internships
- 6) Classroom presentations

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	35
Core/required courses	69
Program specific electives	0
Additional requirements	0
Other; please explain General Electives	9
Total	120

C. Core/Required Courses.

i. Total required and/or core course credit hours: 111

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

*New Class needed/proposed/under development

ASU 101: The ASU Experience (1)

BCH 361 Advanced Principles of Biochemistry and BCH 367 Elementary Biochemistry Laboratory (4)

*BIO XXX Human Biology (4) and

*BIO 250: Evolutionary Biology (3) (CLAS/SHESC are currently developing these two courses; back up will be BIO 181 and BIO 182 and also the option for MAPP/TAG students)

BIO 318: History of Medicine (3)

CHM 113 General Chemistry I and Lab (4)

CHM 116 General Chemistry II and Lab (4)

CHM 233 General Organic Chemistry I and CHM 237 General Organic Chemistry Laboratory I (4)

CHM 234 General Organic Chemistry II and CHM 238 General Organic Chemistry Laboratory II (4)

COM 225: Public Speaking (3)

ENG 101: First-Year Composition (3) AND

ENG 102: First Year Composition (3) OR

ENG 105: Advanced First Year Composition (3) *CLAS is working with us to open up sections of ENG 101/105 for Health/Medicine majors for our students within this program.

HCD 300 Biostatistics (3)

HCD 301 Leadership and Interprofessionalism (3)

HCD 303 Global Health Care Systems (3)

HCD 402 Health Economics (3)

HCD 422 Health Disparities and Access to Health Care (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 394 Special Topics (Social Science Perspectives on Health) (3)

HSC 420 Evaluation Health Sciences Research (3)

MAT 251 Calculus for Life Sciences (3)

MAT 170 Precalculus (3)

- *MED 100: Introduction to Medical Studies (1)
- *MED 417: Impact of Violence on Health (3)
- *MED 445 Science of Helping in Health (3)
- *MED 484: Medical Studies Internship (3)
- PHY 111 General Physics and PHY 113 General Physics Laboratory (4)
- PHY 112 General Physics and PHY 114 General Physics Laboratory (4)
- PSY 101: Introduction to Psychology (3)
- PSY 462: Health Psychology (3)
- PSY 447: Psychology of Aging (3)
- SOC 101: Introductory Sociology (3)
- SSH 100: Introduction to Global Health (3)
- SSH 404: Medical Anthropology: Culture and Health (3)
- SSH 401: Health and Human Biology (3) OR
- SSH 400: Poverty, Social Justice and Global Health (3)
- SWU 303: Micro Human Behavior and the Social Environment (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):

F. **List and describe any capstone experiences, milestone, and/or additional requirements.**

***MED 484: Internship; Students will be required to complete 3 credit hours in an experiential learning environment/internships.**

G. 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):

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)

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

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.

- MED 100 Introduction to Medical Studies: This 1 credit course will provide an introduction to students entering the Medical Studies degree program.
- MED 445 Science of Helping in Health: In this course, students will interact with doctors directly from the field to learn many of the humanistic lessons of being a doctor.
- MED 417 Impact of Violence on Health: Crime and health are interrelated in certain populations. This course will look at the interwoven nature of the two.
- MED 484 Internship: Students will receive first hand experience in a clinical or medical administrative setting.

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).

Medical Education is beginning to shift for the first time in several decades. Students interested in pursuing an advanced degree in medicine (MD) will be expected to have a well-rounded foundation in the thematic areas of social sciences, humanities, leadership and professionalism in addition to the hard sciences that are traditionally associated with pre-med programs. Indicative of this shift, the MCAT will be undergoing a transformation in 2015 when it will require proof of this well roundedness as well as a firm understanding of the social sciences and humanities.

This degree program seeks to create a curricula that complements the necessary hard sciences with the right balance of social sciences, business and humanities. It crosses traditional boundaries and disciplines to challenge students to apply what they are learning and to be creative in their problem solving skills. The degree will offer students a unique cadre of courses that prepare them to consider our ever changing world of health, health care and medicine as well as those impacted by this field: patients, families, providers, payers, industry and policy-makers.

The BS in Medical Studies also prepares students for a variety of career trajectories should they change their career goals from medical school. The competencies obtained, the materials explored and the experiences satisfied will allow them to consider fields such as medical administration, policy, advocacy, research, health finance, and so much more.

This program will target high school graduates and/or transfer students who have an interest in health, medicine, dentistry, veterinary medicine, PA programs, and more. Target market will initially be state/regional but will quickly expand to span the nation and then the global community.

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.

CLAS currently offers advising for students interested in pursuing a pre-med or pre-health curriculum. CLAS/SHESC/SOLS are also in the midst of developing a complementary pre-med program that will focus on human biology and more on the hard sciences than the degree proposed here. Open discussions have been on-going about the development of both degrees. It is expected that enrollment in both degrees will increase quickly and that students will be attracted equally depending on their particular area of interest: human biology and the hard sciences or business, social, humanistic side of medicine.

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)	200	500	800	1100	1200

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.

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.

Current faculty from across the university will be sought to cover some of the teaching within this program. Additionally, adjunct faculty within the College of Health Solutions and across the university may be utilized.

Some of the current faculty include:

- Alison Essary, DHSc, PA-C, MPHE, Director of Student Affairs, College of Health Solutions and Associate Professor, School for the Science of Health Care Delivery
- Keith Lindor, MD, Executive Vice Provost and Dean, College of Health Solutions, Professor in College of Health Solutions, practice appointment at Mayo Clinic
- Julie Liss, PhD, Associate Dean, College of Health Solutions, Professor in Speech and Hearing Science
- Natalia Wilson, MD, MPH, Faculty Research Associate, WPC School of Business, Supply Chain Management, adjunct appointment within the School for the Science of Health Care Delivery
- Victor Trastek, MD, former CEO of Mayo Clinic, Professor, School for the Science of Health Care Delivery (within CHS)
- Pamela Thompson, MD, Assistant Research Professor, School for the Science of Health Care Delivery (within CHS)
- Matthew Scotch, PhD, Assistant Professor, Department of Biomedical Informatics, Faculty member within the School for the Science of Health Care Delivery
- Matthew Buman, PhD, Assistant Professor, School of Nutrition and Health Promotion, Faculty member within the School for the Science of Health Care Delivery
- Migonne Guy, PhD, Adjunct Professor, School for the Science of Health Care Delivery, Research Associate, Mayo Clinic
- Olga Davis, PhD, Associate Professor, Hugh Downs School of Human Communication; faculty member in the School for the Science of Health Care Delivery
- William Johnson, PhD, Professor, Biomedical Informatics, Founder/Former Director of Center for Health Innovation Research (CHIR)
- John Hepburn, PhD, Vice Provost and Professor, Criminology and Criminal Justice
- Elizabeth Langland, PhD, Professor, New School for Interdisciplinary Arts and Sciences

- Linda Lederman, PhD, Professor, Hugh Downs School of Human Communication

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.

It will be to the program's benefit to hire faculty on a steady basis as this program grows. Growth might include: 2 Assistant Professors, 1 Associate Professor, 1 Full Professor over the next three years to cover the coursework and increased capacity. Continued enrollment growth will facilitate a significant portion of the expense and little additional funding would be anticipated from outside sources..

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.

This program will be administered by the College of Health Solutions' Dean's Office. A program manager or program director will be hired to facilitate the day-to-day coordination of the program's activities to include: recruitment, admissions, advising, courses (development, scheduling), etc. Current marketing and communications, IT, business support services and others from within the College have the bandwidth to support this additional program without immediate need for added staff.

1. 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.

Classroom space will be essential early on to this program. The downtown campus is quickly seeing classroom availability dwindle due to the rapid growth of the campus overall. This will need to be addressed immediately given the time necessary to acquire or build new facilities. Support staff may be needed within 1-2 years to also facilitate the rapid growth anticipated by this program. This would primarily fall in the advising, recruitment, classroom scheduling arena.

The College of Health Solutions is interested in advancing the possibility of using alternative/adaptive learning environments. This kind of technology may be well suited with the launch of a program such as this.

No new library resources will be needed at this time.

B. Resource acquisition:

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

APPENDIX
OPERATIONAL INFORMATION FOR UNDERGRADUATE PROGRAMS
(This information is used to populate the Degree Search/catalog website.)**1. Program Name (Major):** Medical Studies**2. Program Description (150 words maximum)**

The Bachelor of Science in Medical Studies is an interdisciplinary program exploring the various facets of medical studies to include sciences, social sciences, humanities, statistics and other disciplines as they relate to health, health care, and complementary fields. Students will be academically prepared and provided a well-rounded foundation needed for many career paths: medicine, dentistry, medical administration, health care policy, health care industry (e. g., product development, insurance providers), health advocacy, medical academics, allied health, patient support services, health information, or business development within a health/medical setting. The coursework will be interdisciplinary to adapt to the changes in the MCAT and medical education in general, while allowing students to explore various facets of what constitutes medical studies.

3. Contact and Support Information

Building Name, code and room number: (<i>Search ASU map</i>)	NH12 5 th Floor, CHS Dean's office
Program office telephone number: (<i>i.e. 480/965-2100</i>)	602/496-2400
Program Email Address:	med@asu.edu
Program Website Address:	http://chs.asu.edu/medstudies

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 an approved program fee for all undergraduate programs. This fee is not a new fee, however.
- 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)

Students graduating from this program will be academically prepared and well-rounded with the foundation needed for innumerable career paths: medicine, medical administration, health care policy, health care industry (product development, insurance providers, etc), health advocacy and many more. Additionally, students may pursue further education with an MD, resulting in a career as a doctor, medical administration, health advocacy, medical or health policy, medical technology or business, hospital staff, medical academics, allied health, patient support services, financial officer within health or medical enterprise, business development within health or medical sector, health care system design, health information technology and more.

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.)

9. Keywords

List all keywords used to search for this program. Keywords should be specific to the proposed program. Pre-Med, Pre-Medicine, Medical, Health, Health Care, Health Management, Medicine, Medical Policy, Health Economics, Pre-Professional Studies, Health Sciences, Pre-Health, Medical Administration, Health Administration, Health Care Administration, Health Management, Medical Management, Health Advocacy, Medical Advocacy, Health Policy, Medical Economics, Health Professional, Medical Professional, Biomedical Science, Medical Science, Pre-Health Sciences,

10. Advising Committee Code UGNH08

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 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 type="checkbox"/> <u>Environmental Issues & Physical Science</u> |
| <input type="checkbox"/> <u>Biological Sciences, Health & Wellness</u> | <input checked="" type="checkbox"/> <u>Interdisciplinary Studies</u> |
| <input checked="" 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:



2014 - 2015 Major Map Medical Studies, BS (Proposed)

NVKMLQQ

Term 1	0 - 15 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	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	
	ASU 101: The ASU Experience		1		
	CHM 113: General Chemistry I (SQ)		4	C	
	MAT 170: Precalculus (MA)		3		
	BIO XXX: Human Biology OR BIO 250: Evolutionary Biology		4	C	
Term hours subtotal:			15		

Term 2	16 - 30 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	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	
	CHM 116: General Chemistry II (SQ)		4		
	MAT 251: Calculus for Life Sciences (MA)		3		
	Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
	MED 100: Introduction to Medical Studies		1		
	BIO XXX: Human Biology OR BIO 250: Evolutionary Biology		4	C	
Term hours subtotal:			15		

Term 3	31 - 44 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I		4	C	
	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)		4	C	
	PSY 101: Introduction to Psychology (SB)		3		
	COM 225: Public Speaking (L)		3		
	Complete Mathematics (MA) requirement.				
Term hours subtotal:			14		

Term 4	45 - 58 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II		4	C	
	PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)		4	C	
	SSH 100: Introduction to Global Health (SB & G)		3		
	SOC 101: Introductory Sociology (SB)		3		
Term hours subtotal:			14		

Term 5	59 - 74 Credit Hours	Necessary course signified by	Hours	Minimum Grade	Notes
	HCD 300: Biostatistics AND Computer/Statistics/Quantitative Applications (CS)		3	C	
	BCH 361: Advanced Principles of Biochemistry		3	C	
	BCH 367: Elementary Biochemistry Laboratory		1		
	SWU 303: Micro Human Behavior and the Social Environment (L or SB)		3		

TWC 361: Writing for Health Care Management (L) OR Elective	3
BIO 318: History of Medicine (H)	3
Term hours subtotal:	16

Term 6	75 - 90 Credit Hours	Necessary course signified by	Hours	Minimum Grade	Notes
★					
★	HCD 303: Global Health Care Systems		3		
★	HSC 320: Applied Medical/Healthcare Ethics (HU)		3		
	PHI 320: Bioethics (HU)		3	C	
	BIO 340: General Genetics OR Elective		4		
	HSC 394: Special Topics		3		
	Term hours subtotal:		16		

Term 7	91 - 105 Credit Hours	Necessary course signified by	Hours	Minimum Grade	Notes
★					
★	HSC 330: Healthcare Systems in the U.S.		3	C	
	SSH 404: Medical Anthropology: Culture and Health (SB & C)		3		
	MED 484: Internship		3		
★	HCD 422: Health Disparities and Access to Health Care		3	C	
	HSC 420: Evaluation of Health Sciences Research		3	C	
	Term hours subtotal:		15		

Term 8	106 - 120 Credit Hours	Necessary course signified by	Hours	Minimum Grade	Notes
★					
★	HCD 402: Health Economics		3	C	
	PSY 462: Health Psychology OR PSY 447: Psychology of Aging (SB) OR MED 417: Impact of Violence on Health		3		
	SSH 401: Health and Human Biology OR SSH 400: Poverty, Social Justice, and Global Health ((L or SB) & G)		3		
	MED 484: Internship OR Elective		3		
	MED 445: Science of Helping in Health OR HSC 210: Cultural Aspects of Health (C) OR HCD 301: Leadership and Interprofessionalism		3		
	Term hours subtotal:		15		

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.

Lauren Leo

From: Keith Lindor
Sent: Wednesday, October 02, 2013 9:42 AM
To: Melanie Burm
Subject: FW: Med Studies Major Map

From: Robert Page
Sent: Tuesday, October 01, 2013 10:28 PM
To: Keith Lindor
Cc: Frederick Corey
Subject: Re: Med Studies Major Map

I checked with everyone and it is OK with us.

Rob

Sent from my iPhone

On Sep 27, 2013, at 10:35 AM, "Keith Lindor" <Keith.Lindor@asu.edu> wrote:

Rob, we met with Fred Corey to discuss the process of approving this academic program and he indicated that it would be helpful if you could let us know that you have no concerns about this plan. We have been working with Brian Smith and Alex Brewis Slade as we have developed this curriculum plan. Your confirmed endorsement will allow the plan to go through the process Fred oversees more readily. Thanks

<Major Map - Medical Studies - 9-27-13.pdf>