PROPOSAL TO ESTABLISH A NEW MASTER'S DEGREE PROGRAM

ASU ARIZONA STATE UNIVERSITY

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.

MASTER'S DEGREE PROGRAM

College/School: Edson College of Nursing and Health Innovation

Note: Program ownership is coded at the College/School level first and may not be a center, department or division apart from it.

Department/Division/School: Dean's office

Proposing faculty group (if applicable)**:** N/A

Name of proposed degree program: Master of Science (MS) in Health Care Simulation

Proposed title of major: Health Care Simulation

Master's degree type: MS - Master of Science

If Degree Type is "Other", provide degree type and proposed abbreviation: N/A

Is a program fee required? Yes, a program fee is required.

Note: for more information about program fee requests, visit https://provost.asu.edu/curriculum-development/changemaker/form-instructions#fees

Is the unit willing and able to implement the program if the fee is denied? No, we are not able to implement the program.

Requested effective term and year: Spring 2020

(The first semester and year for which students may begin applying to the program)

Delivery method and campus or location options: *select all locations that apply*

☒ Downtown Phoenix ☐ Polytechnic ☐ Tempe ☐ Thunderbird ☐ West ☐ Other: _____

☐ **Both** on-campus **and** ☐ ASU Online***** **-** (check applicable campus(es) from options listed above)

☐ ASU Online only (<u>all</u> courses online and managed by ASU Online)

Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in Curriculum ChangeMaker to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.

Do Not Fill in this information: <u>Office Use Only</u>	CIP Code:
Plan Code:	

PROPOSAL CONTACT

Name:	Katherine Kenny	**Title:**	Associate Dean, Academic Affairs
Phone number:	602-496-1719	**Email:**	katherine.kenny@asu.edu

DEAN APPROVAL(S)

This proposal has been approved by all necessary unit and college/school levels of review, and the college/school(s) has the resources to offer this degree program. I recommend implementation of the proposed degree program.

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College/School/Division Dean name:	Judith Karshmer, PhD, PMHCNS-BC, FAAN		
Signature:	Judith Karshmer, PhD, PMHCNS-BC, FAAN	Digitally signed by Judith Karshmer, PhD, PMHCNS-BC, FAAN DN: cn=Judith Karshmer, PhD, PMHCNS-BC, FAAN, o=College of Nursing and Health Innovation, ou=Arizona State University, email=judith.karshmer@asu.edu, c=US Date: 2019.02.12 15:23:31 -07'00'	**Date:** 2/12/2019

Please note: Proposals for new degrees also require the review and recommendation of approval from the University Graduate Council, Curriculum and Academic Programs Committee (CAPC), the Academic Senate (2 readings), and the Office of the Provost before they can be put into operation.

The final approval notification will come from the Office of the Provost.

1. **PURPOSE AND NATURE OF PROGRAM**

   A. **Provide a brief program description:**

   This program will prepare students for leadership roles by integrating concepts, practices, and principles to advance the field of health care simulation. Simulation in health care education improves competencies in communication, teamwork, critical thinking, professional identity, and safety to promote positive real patient outcomes. The simulated learning environment provides a psychologically safe space where students can make mistakes without risk to real patients. Evidence-based standards and technology intensive learning environments are used for instructional activities, replicating real patient experiences with life-like high-fidelity computer manikins or standardized patients (trained actors). Graduates will have a range of experiences and individualize their learning through applied project design, synthesize innovation principles and best available evidence to develop interventions for implementation; and lead interprofessional teams to design, deliver, and evaluate simulation education.

   B. **Will concentrations be established under this degree program?** ☐ Yes   ☒ No
   (Please provide additional concentration information in the curricular structure section – number 7.)

2. **PROGRAM NEED**

   Explain why the university should offer this program (include data and discussion of the target audience and market).

   The MS in Health Care Simulation will target transdisciplinary educators and practitioners seeking operational and leadership expertise to be innovative change agents in academic or practice simulation settings. The 2016 National League for Nursing Biennial Survey suggests 43 percent of surveyed individuals identified lack of clinical placements and 33 percent of qualified applicants are turned away due to faculty shortage.

   The Edson College of Nursing and Health Innovation Simulation and Learning Resources program at ASU currently operates over 80,000 student hours per year. The nationwide nursing shortage decreases the number of qualified nurse educators with additional stress on simulation educators. The MS in Health Care Simulation can help fill the gap so that we can produce more quality nurse graduates for Arizona. There are two other comparable academic programs in the country (Drexel and the University of Central Florida).

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The Society of Simulation in Healthcare is an international interprofessional organization of nearly 4000 persons established to improve safe, quality healthcare through education, advocacy, research and practice (SSH.Org, 2019). There are three levels of certification within the organization that demonstrate the knowledge, skills, and abilities to promote evidence based best practices in healthcare simulation education. ASU College of Nursing and Health Innovation's Simulation & Learning Resources program was the 60th organization to be accredited in 2015, now over 100. The current job postings provide 163 various professionals on the webpage (https://ssih-jobs.careerwebsite.com/jobs/). The authors in the article Kim, et,al., (2011) show the positive effect of faculty development in the elements of human capital such as retention and recruitment of high quality faculty educators in academic simulation centers. They further show how strong mission, strategic plan, and support of ongoing career development enhances the workforce.

The new program would support academically prepared and certified faculty. The University of Alabama at Birmingham is one of the original programs using International Association of Clinical Simulation and Learning (INACSL) standards of best practices (2016) in an interprofessional design for simulation education (Peterson, Watts, Epp, and White, 2017).

There are currently 1450 Certified Healthcare Simulation Educators, 274 Certified Healthcare Operations Specialists, and 421 Certified Healthcare Simulation Educators – Advanced worldwide (SSH.Org, 2019). The increasing certifications show the expanse of programs and dedicated individuals who seek this opportunity.

1. SSH program accreditation requires an expert in simulation education to oversee the program's learning activities. Additionally, requires annual curriculum review by content expert, peer reviewed, and/or internal feedback mechanisms.
2. Evidence of faculty development must include initial orientation on providing feedback, documentation, using evaluation tools as well as orientation of participants to environments.
3. To receive an Education Credit for the program one must provide a formal CE or course for credit.
4. Academic training supported in this degree could allow a client to sit for the certification exam if other time in service are met.

The CHSE Blueprint Review explores the CHSE Blueprint Knowledge Domains:

1. Educate and Assess Learners Using Simulation
2. Display Professional Values and Capabilities
3. Demonstrate Knowledge of Simulation Principles, Practice and Methodology
4. Manage Overall Simulation Resources and Environments
5. Engage in Scholarly Activities

The CHSOS Blueprint Review explores the CHSOS Blueprint Knowledge Domains:

1. Concepts in Healthcare and Simulation
2. Simulation Modalities and Technologies
3. Healthcare Simulation Program Practices/Processes/Procedures
4. Professional Role Development
5. Instructional Design and Theory

Decreased meaningful clinical sites and increased student enrollments have limited healthcare education experiences. Simulation provides environments to develop successful high performance interprofessional teams, communication that could decrease errors that affect patient safety.
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3. **IMPACT ON OTHER PROGRAMS**

   Attach any letters of collaboration or support from impacted programs (see checklist sheet). Please submit as a separate document.
   See Appendix II.

4. **PROJECTED ENROLLMENT**

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

   Note: The Arizona Board of Regents (ABOR) requires that nine master's degrees be awarded every three years. Thus, the projected enrollment numbers must account for this ABOR requirement.

5-YEAR PROJECTED ANNUAL ENROLLMENT					
Please utilize the following tabular format	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)	10	20	20	20	20

5. **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.

   N/A

6. **STUDENT LEARNING OUTCOMES AND ASSESMENT**
   Attach a PDF copy of the assessment plan printed from the University Office of Evaluation and Educational Effectiveness assessment portal demonstrating UOEEE's approval of your assessment plan for this program. Visit the assessment portal at https://uoeee.asu.edu/assessment-portal or contact uoeee@asu.edu with any questions.

   See Appendix III.

7. **CURRICULAR STRUCTURE**

   A. **Curriculum Listing**

Required Core Courses for the Degree			
Prefix and Number	Course Title	New Course?	Credit Hours
NUR 522	Designing Systems for Patient Safety and Health Care Quality	No	3
NUR 671	Teaching in Academic and Practice Settings	No	3
HCI 540	Understanding and Applying Principles of Evidence-Based Practice	No	3
HCS 501	Foundations in Health Care Simulation	Yes	3
HCS 502	Health Care Simulation Educational Assessment and Debriefing Methods	Yes	3
HCS 503	Principles of Operations Management in Health Care	Yes	3
		Section sub-total:	18

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Culminating Experience(s) *E.g.* – *Capstone course, portfolio, written comprehensive exam, applied project, thesis (must be 6 credit hours with oral defense)*	Credit Hours
HCS 593 Applied Project	4
Section sub-total:	4
Other Requirements Substitutions may be allowed with approval of the academic unit. *E.g.* – *internships, clinical requirements, field studies, foreign language exam as applicable*	**Credit Hours**
HCS 580 Practicum: Operational or Educational Perspectives	3
NUR 523 Interprofessional Collaboration for Improving Patient Safety and Health Care Quality Outcomes	3
HCI 543 Approaches to Health Care Innovation	3
BMI 601 Fundamentals of Health Informatics	3
NUR 670 Curriculum Development in Academic and Practice Settings	3
Section sub-total:	15
Total required credit hours	37

1. List all required core courses and total credit hours for the core (required courses other than internships, thesis, capstone course, etc.)**.**
2. Omnibus numbered courses cannot be used as core courses.
3. Permanent numbers must be requested by submitting a course proposal to Curriculum ChangeMaker for approval.

8. COURSES

A. Course Prefix(es): Provide the following information for the proposed graduate program.

   i. Will a new course prefix(es) be required for this degree program?

      Yes ☒ No ☐

   If yes, complete the **Course Prefixes / Subjects Form** for each new prefix and submit it as part of this proposal submission. Form is located under the courses tab.

B. New Courses Required for Proposed Degree Program: Provide course prefix, number, title, credit hours and brief description for any new courses required for this degree program.

HCS 501 Foundations in Health Care Simulation (3) Students will explore theoretical foundations of health care simulation education and delivery.

HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3) Students will explore assessment and debriefing practices in health care simulation education.

HCS 503 Principles of Operations Management in Health Care Simulation (3) This course will engage students in the business practices and principles essential to health care simulation program operations.

HCS 580 Practicum: Operational or Educational Perspectives (3) This mentored health care simulation practicum includes application of simulation principles in a specialized area of interest.

HCS 593 Applied Project (4) In this culminating experience, students will synthesize fundamental knowledge, skills, and attitudes necessary to advance the health care simulation field.

9. FACULTY, STAFF, AND RESOURCE REQUIREMENTS

A. Faculty

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i.   **Current Faculty –** Complete the table below for all current faculty members who will teach in the program. If listing faculty from an academic unit outside of the one proposing the degree, please provide a support statement from that unit.

Name	Rank	Highest Degree	Area of Specialization/Expertise	Estimated Level of Involvement
Mary Calacci	Clinical Assoc Professor	MS	Simulation	50%
Debra Hagler	Professor	PhD	Teaching in Academic Settings	20%
Cathy Lalley	Clinical Asst Prof	PhD	Healthcare Innovation	20%
Margaret Morris	Faculty Associate	PhD	Interprofessional Collalboration	10%
Jamie Ambrose	Instructor	MS	Quality and Safety	20%

ii. **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.

We have requested one additional faculty for this program, which is on the approved hiring plan for the college. Financial source for this hire is a backfilled position of the retired faculty who was the Simulation Coordinator.

iii. **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.

Students are recruited and processed through the Edson College of Nursing and Health Innovation Office of Student Services who work with the Director of the Master's Programs and Program Coordinator to process students, review applications, interview and admit students. Student Services includes a staff member assigned to recruitment and an Academic Success Advisor.

B. **Resource requirements needed to launch and sustain the program:** Describe any new resources required for this program's success such as new staff, new facilities, new library resources, new technology resources, etc.

No new resources will be required at this time.

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APPENDIX I
OPERATIONAL INFORMATION FOR GRADUATE PROGRAMS
(This information is used to populate the Graduate Programs Search/catalog website.)

1. **Proposed title of major:** Health Care Simulation

2. **Marketing description** *(Optional - 50 words maximum. The marketing description should not repeat content found in the program description.)*

   Simulation in health care education improves competencies in communication, teamwork, critical thinking, professional identity and safety. The simulated learning environment provides a psychologically safe space where students can make mistakes without risk to real patients.

3. **Provide a brief program description** *(Catalog type (i.e. will appear in Degree Search) – no more than 150 words. Do not include any admission or curriculum information)*

   The expanding use of simulation education in health care demonstrates the need and opportunities to educate innovative leaders in experiential learning strategies. Simulation provides an effective learner centered methodology for health care professionals to practice across the continuum of care. Incorporating deliberate practice for skill mastery, students develop effective critical thinking, refinement of interprofessional competencies and ethical and compassionate behaviors. In this program, students will demonstrate the ability to influence the design, operations, and evaluation of educational health care simulation in academic or practice settings. Students will have learning opportunities developing evidence-based scenario design, use technology enhanced environments replicating real patient experiences with life-like high-fidelity computer manikins or standardized patients (trained actors), and employ operations techniques. This program will provide students the opportunity to learn and work with their peers, faculty and leaders from multiple disciplines such as health care, sociology, technology, the arts and public policy.

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

5. **Campus(es) where program will be offered:**
   ASU Online curriculum consists of courses that have no face-to-face content. iCourses are online courses for students in on-campus programs. iCourses may be included in a program, but may not comprise the entirety of a program. On-campus programs must have some face-to-face content.
   Note: Office of the Provost approval is needed for ASU Online delivery option.

   ☐   ASU Online only (all courses online and managed by ASU Online)

   All other campus or location options (please select all that apply):

   ☒   Downtown Phoenix   ☐   Polytechnic   ☐   Tempe   ☐   West   ☐   Other: _____

   ☐   **Both** on-campus **and** ☐ ASU Online* **-** (check applicable campus(es) from options listed above)

   Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in Curriculum ChangeMaker to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.

6. **Admission Requirements:**

   Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

   Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health care or a related field, from a regionally accredited institution.

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Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
1. graduate admission application and application fee
2. official transcripts
3. three letters of recommendation
4. professional resume
5. written statement
6. proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

7. **Application Review Terms (if applicable session):**

Indicate the first term and year in which applications will be opened for admission. Applications will be accepted on a rolling basis after that time.
Note: It is the academic unit's responsibility to display program deadline dates on their website.

Terms	Years	University Late Fee Deadline
☒ Fall (regular) ☐ Session B	(year): 2020 (year):	July 1st October 1st
☒ Spring (regular) ☐ Session B	(year): 2020 (year):	December 1st February 8th
☐ Summer (regular) ☐ Summer B	(year): (year):	May 14th May 14th
Note: Session B is only available for approved online programs.		

Program admission deadlines website address: nursingandhealth.asu.edu

8. **Curricular Requirements:**

Curricular Structure Breakdown for the Academic Catalog:
(To be completed by the Graduate College)

37 credit hours including the required applied project course (HCS 593)

Required Core (18 credit hours)
HCI 540 Understanding and Applying Principles of Evidence-Based Practice (3)
HCS 501 Foundations in Health Care Simulation (3)
HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)
HCS 503 Principles of Operations Management in Health Care (3)
NUR 522 Designing Systems for Patient Safety and Health Care Quality (3)
NUR 671 Teaching in Academic and Practice Settings (3)

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Other Requirements (15 credit hours)
BMI 601 Fundamentals of Healthcare Informatics (3)
HCI 543 Approaches to Health Care Innovation (3)
HCS 580 Practicum: Operational or Educational Perspectives (3)
NUR 523 Interprofessional Collaboration for Improving Patient Safety and Health Care Quality Outcomes (3)
NUR 670 Curriculum Development in Academic and Practice Settings (3)

Culminating Experience (4 credit hours)
HCS 593 Applied Project (4)

Additional Curriculum Information
Other requirements coursework may be substituted with approval of the academic unit.

9. **Comprehensive Exams:**

   Master's Comprehensive Exam (when applicable), please select from the appropriate option.

   N/A

10. **Allow 400-level courses:** ☐ **Yes**   ☒ **No**

   Note: No more than 6 credit hours of 400-level coursework may be included on a graduate student plan of study.

11. **Committee:**

   Required number of thesis committee members (must be at least 3 including chair or co-chairs): N/A

   Required number of non-thesis option committee members (must be a minimum of one): 2

12. **Keywords:** List all keywords that could be used to search for this program. Keywords should be specific to the proposed program – limit 10 keywords.

   Simulation, healthcare simulation, nursing, health, care

13. **Area(s) of Interest**

   A. Select **one (1)** primary area of interest from the list below that applies to this program.
☐	Architecture & Construction	☐	Interdisciplinary Studies
☐	Arts	☐	Law & Justice
☐	Business	☐	Mathematics
☐	Communication & Media	☐	Psychology
☐	Education & Teaching	☐	STEM
☐	Engineering & Technology	☐	Science
☐	Entrepreneurship	☐	Social and Behavioral Sciences
☒	Health & Wellness	☐	Sustainability
☐	Humanities		

   B. Select **one (1)** secondary area of interest from the list below that applies to this program.
☐	Architecture & Construction	☐	Interdisciplinary Studies
☐	Arts	☐	Law & Justice
☐	Business	☐	Mathematics
☐	Communications & Media	☐	Psychology
☐	Education & Teaching	☐	STEM
☒	Engineering & Technology	☐	Science
☐	Entrepreneurship	☐	Social and Behavioral Sciences
☐	Health & Wellness	☐	Sustainability

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☐ [Humanities](#)

14. **Contact and Support Information:**

Office Location - Building Code & Room: *(Search ASU map)*	Health North HLTHN 113
Campus Telephone Number: (may not be an individual's number)	602-496-0937
Program Email Address: (may not be an individual's email)	nursingandhealth@@asu.edu
Program Website Address: (if one is not yet created, use unit website until one can be established)	nursingandhealth.asu.edu
Program Director (Name):	Mary Margaret Calacci, MS
Program Director (ASURITE):	mmedwar1
Program Support Staff (Name):	Monika Alesnik
Program Support Staff (ASURITE):	malesnik
Admissions Contact (Name):	Mark Samely
Admissions Contact (ASURITE):	msamel

15. **Application and iPOS Recommendations:** List the Faculty and Staff who will input admission/POS recommendations to Gportal **and** indicate their approval for Admissions and/or POS:

NAME	ASURITE	ADMSN	POS
Mary Margaret Calacci	mmedwar1	X	X
Mark Samely	msamel	X	X

APPENDIX II

Letter of Support/Impact Statements

College of Nursing and Health Innovation – Official Submission

On behalf of Dr. Katherine Kenny, please see attached Proposal to Establish New Master's Degree program for Master of Science in Simulation.
Please let me know if there is any additional information needed.
Thanks.

Susan Draughn
Executive Coordinator

ASU College of Nursing and Health Innovation
Arizona State University

550 North 3rd Street | Phoenix, AZ 85004
Work: 602.496.0907 | Fax: 602.496.0545 |
susan.draughn@asu.edu

From: Maria Hanlin
Sent: Monday, April 8, 2019 16:59
To: Dongwen Wang <Dongwen.Wang@asu.edu>; Katherine Kenny <Katherine.Kenny@asu.edu>
Cc: Susan Draughn <Susan.Draughn@asu.edu>; George Runger <George.Runger@asu.edu>; Robert Greenes <greenes@asu.edu>; Valentin Dinu <Valentin.Dinu@asu.edu>
Subject: RE: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Hello Dr. Kenny,

The Biomedical Informatics Academic Programs Committee has reviewed your proposal and sees no negative impact on our degree programs. BMI 601 is also approved for inclusion in your degree requirements. The course is currently taught by Dr. Adela Grando.

Please let us know if you need anything further.

Thank you, Maria

Maria Hanlin, MA
Assistant Director, Academic Services
Biomedical Informatics
Health Informatics
Biomedical Diagnostics
College of Health Solutions
Arizona State University
Mayo Clinic Johnson Research Building
13212 E Shea Blvd
Scottsdale, AZ 85259
(480) 884-0234

From:	Katherine Kenny
To:	Fabio Milner
Cc:	Susan Draughn; Patrick Kenney; Jeffrey Cohen; Elizabeth Wentz; Nancy Gonzales; Kyle Rader
Subject:	Re: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science
Date:	Friday, April 05, 2019 8:35:12 AM
Attachments:	image001.png
	image002.png

Thank you for your support-

Best,
Kathy

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

On Apr 5, 2019, at 10:15, Fabio Milner <milner@asu.edu> wrote:

Dear Kathy,

The College has no issues with the proposed Edson College of Nursing and Health Innovation's MS on Healthcare Simulation Science.

Best,
Fabio

Fabio Augusto Milner, PhD
Associate Dean of Graduate Initiatives
College of Liberal Arts and Sciences
Director of Mathematics for STEM Education
School of Mathematical and Statistical Sciences
Arizona State University

From:	Katherine Kenny
To:	Kathryn Maxwell
Cc:	Susan Draughn
Subject:	RE: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science
Date:	Wednesday, April 03, 2019 3:22:14 PM
Attachments:	image001.png

Dear Kathryn – your support is much appreciated. Will see you soon – Thank you

Best,
Kathy

From: Kathryn Maxwell
Sent: Wednesday, April 3, 2019 15:12
To: Katherine Kenny <Katherine.Kenny@asu.edu>
Subject: Re: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Hello Kathy,

The Herberger Institute for Design and the Arts has no objection to the creation of the MS Healthcare Simulation Science and is pleased to offer support for the new degree.
Best of luck with the new degree.

Best,
Kathryn

Kathryn Maxwell
Associate Dean for Students
Professor of Printmaking

ASU Herberger Institute for Design and the Arts
Dixie Gammage Hall, Rm. 132
PO Box 872102
Tempe, AZ 85287-2102
p: 480.965.0050
f: 480.727.6529

From: Katherine Kenny <Katherine.Kenny@asu.edu>
Date: Wednesday, April 3, 2019 at 1:31 PM
To: kathrynm <K.Maxwell@asu.edu>
Cc: Susan Draughn <Susan.Draughn@asu.edu>
Subject: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Dear Kathryn – Greetings. I am requesting an impact statement for a new MS in Health Care Simulation Science that is approved on the 2019 Academic Plan. We are moving through the University approval process and require an impact statement from the Herberger Institute for Design and the Arts. I've attached the working document for your review. I apologize that we are on a tight turnaround timeline.
Would you be able to review and respond with your approval and/or comments by tomorrow morning?
Thank you for your consideration.

Kathy

Katherine (Kathy) Kenny, DNP, RN, ANP-BC, FAANP, FAAN Associate Dean of
Academic Affairs
Clinical Professor
550 N. 3rd Street | Phoenix, AZ 85004 (P) 602-496-1719
(F) 602-496-0545
Katherine.kenny@asu.edu
https://nursingandhealth.asu.edu/

From:	Katherine Kenny
To:	Sian Mooney
Cc:	Susan Draughn
Subject:	RE: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science
Date:	Wednesday, April 03, 2019 3:19:34 PM
Attachments:	image001.png
	image002.png

Dear Sian – thank you so much for your support.

Best,

Kathy

From: Sian Mooney
Sent: Wednesday, April 3, 2019 15:19
To: Katherine Kenny <Katherine.Kenny@asu.edu>
Subject: RE: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Dear Kathy,
The Watts College of Public Service and Community Solutions is delights to offer our support for this exciting new initiative.
Sian

Siân Mooney, Ph.D.
Associate Dean & College Professor
Professor|School of Public Affairs
Senior Sustainability Scientist |Wrigley Global Institute of Sustainability
Faculty Affiliate |Center for Biodiversity Outcomes & Global Security Initiative
Phone: +1 (602) 496-1752

Administrative Assistant: Linda Garcia
[Linda.Garcia@asu.edu]

ASU Watts College
of Public Service and Community Solutions
Arizona State University

Did someone at ASU provide you with exceptional service? Send a SUN Award.

College of Integrative Sciences and Arts – Impact Statement

From:	Katherine Kenny
To:	Kelli Haren
Cc:	Duane Roen; Susan Draughn
Subject:	RE: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science
Date:	Wednesday, April 03, 2019 2:45:42 PM
Attachments:	image001.png

Dear Kelli and Duane – many thanks!

Best,
Kathy

From: Kelli Haren
Sent: Wednesday, April 3, 2019 13:50
To: Katherine Kenny <Katherine.Kenny@asu.edu>
Cc: Duane Roen <Duane.Roen@asu.edu>
Subject: FW: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Hi Kathy,

Thank you for your email. I discussed this request with Duane, and I am happy to confirm that the College of Integrative Sciences and Arts supports your new graduate degree program in Healthcare Simulation Science. We do not expect that this degree will have any impact on our programs.

Best,
Kelli

Kelli Haren
Assistant Director, Academic Support
Arizona State University
College of Integrative Sciences and Arts | cisa.asu.edu
University College | universitycollege.asu.edu
Phone: 602-496-0696

To be provided prior to Graduate College support to proceed.

From: Ann McKenna
Sent: Thursday, April 4, 2019 21:04
To: Sergio Quiros <Sergio.Quiros@asu.edu>; Katherine Kenny <Katherine.Kenny@asu.edu>
Cc: Jeremy Helm <JEREMY.HELM@asu.edu>; Susan Draughn <Susan.Draughn@asu.edu>; Cindy Boglin <Cindy.Boglin@asu.edu>
Subject: Re: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Dear Kathy,
The polytechnic school supports your proposal for a MS in Health Care Simulation Science.
Best,
Ann

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Ann F. McKenna, Ph.D.
Professor and Director, The Polytechnic School
Vice Dean for Strategic Advancement
Ira A. Fulton Schools of Engineering
Arizona State University
6049 S. Backus Mall
Sutton Hall 140J
Mesa, AZ 85212
Phone: 480-727-5121
ann.mckenna@asu.edu

From: Sergio Quiros <Sergio.Quiros@asu.edu>
Date: Wednesday, April 3, 2019 at 1:52 PM
To: Katherine Kenny <Katherine.Kenny@asu.edu>, Ann McKenna <Ann.McKenna@asu.edu>
Cc: Jeremy Helm <JEREMY.HELM@asu.edu>, Susan Draughn <Susan.Draughn@asu.edu>, Cindy Boglin <Cindy.Boglin@asu.edu>

Subject: RE: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Dear Katherine,

I am copying Dr. Ann McKenna in this email for her input.

Thank you,

Sergio Z. Quiros

Specialist Senior, Academic and Student Affairs
Ira A. Fulton Schools of Engineering
Arizona State University
Tempe, AZ 85287-8109
Phone: 480/727-5770
Email: Sergio.Quiros@asu.edu

From: Katherine Kenny <Katherine.Kenny@asu.edu>
Sent: Wednesday, April 03, 2019 1:28 PM
To: Sergio Quiros <Sergio.Quiros@asu.edu>
Cc: Jeremy Helm <JEREMY.HELM@asu.edu>; Susan Draughn <Susan.Draughn@asu.edu>
Subject: FW: Request for impact statement - Edson College of Nursing and Health Innovation - MS Healthcare Simulation Science

Dear Sergio – I am requesting an impact statement for a new MS in Health Care Simulation Science that is approved on the 2019 Academic Plan. We are moving through the University approval process and require an impact statement from the Ira Fulton Schools of Engineering. I've attached the working document for your review. I apologize that we are on a tight turnaround timeline. Would you be able to review and respond with your approval and/or comments by tomorrow morning? Thank you for your consideration.

Kathy
Katherine (Kathy) Kenny, DNP, RN, ANP-BC, FAANP, FAAN
Associate Dean of Academic Affairs
Clinical Professor

ASU Edson College of
Nursing and Health Innovation
Arizona State University

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University Office of Evaluation and Educational Effectiveness — 04-09-2019
Academic Program Assessment Plan
MS in Health Care Simulation

Status:UOEEE Provisional Approval

Comments:

Element   Outcome Measure Description

Element	Outcome	Measure	Description
Outcome	1		Demonstrate the ability to influence the design, operations, and evaluation of educational healthcare simulation in academic and/or practice settings.
Plan_2Concepts	1		Graduates of the Master of Science in Healthcare Simulation program will demonstrate expertise in process improvement and strategic planning applied to healthcare simulation in the academic and/or practice setting(s).
Plan_3Competencies	1		Students will demonstrate competence in the use of Strategic Planning systems and infrastructures to support and maintain operations (INACSL1 Operations Standard; SSH2 Core Standards).
Measure	1	1	Rubric for HCS 580: Simulation Practicum Advanced - Simulation Program Process Improvement Oral Presentation
PC	1	1	At least 80% of Master of Science in Healthcare Simulation program students will achieve a rubric score of 2 or higher on each HCS 580 Simulation Program Process Improvement Oral Presentation rubric criterion related to: design, operations, and evaluation of healthcare simulation.
Measure	1	2	Rubric for HCS 593: Capstone - Strategic Plan Written Project
PC	1	2	At least 80% of Master of Science in Healthcare Simulation Program students will achieve a rubric score of 2 or higher on each HCS 593 Strategic Plan Written Presentation rubric criterion related to: mission, comprehensive operations, and evaluation.
Outcome	2		Demonstrate the ability to provide healthcare simulation program leadership and oversight associated with fiscal management, physical space, equipment, and personnel resource operations.
Plan_2Concepts	2		Graduates of the Master of Science in Healthcare Simulation program will demonstrate expertise in healthcare simulation leadership skills and operational perspectives.
Plan_3Competencies	2		Students will demonstrate competencies in Leadership, Financial, Human Resource, Capital Equipment, Disposables Management, and Space Allocation essential to Healthcare Simulation Program (INACSL1 Operations Standard).
Measure	2	1	Rubric for HCS 580: Simulation Practicum 1– Preceptor Observation Written Journal
PC	2	1	At least 80% of the Master in Healthcare Simulation program students will achieve a rubric score of 2 of higher on the HCS 580 Preceptor Observation Journal Assignment rubric criterion related to: leadership skills and best practices in academic or education healthcare simulation settings.
Measure	2	2	Rubric for HCS 501: Educational Simulation Methods –Written Scenario Development Assignment
PC	2	2	At least 80 % of the Master in Healthcare Simulation program students will achieve a rubric score of 2 of higher on the HCS 501 Written Scenario Development Assignment rubric criterion related to: structure, process and/or outcomes that ensure effective evidence-based simulation experiences (INACSL1 Simulation Design Standard).

(NEW GRADUATE INITIATIVES)

PROPOSAL PROCEDURES CHECKLIST

Academic units should adhere to the following procedures when requesting new curricular initiatives (degrees, concentrations or certificates).

☒ **Obtain the required approval from the Office of the Provost to move the initiative forward for internal ASU governance reviews/approvals. Please see the academic strategic plan website at: https://provost.asu.edu/curriculum-development.**

☐ **Submit any new courses that will be required for the new curricular program to the Curriculum ChangeMaker online course approval system for review and approval.**

- Additional information can be found at the Provost's Office Curriculum Development website: Courses link
- For questions regarding proposing new courses, send an email to: courses@asu.edu

☐ **Prepare the applicable proposal template and operational appendix for the proposed initiative.**

☐ **Obtain letters or memos of support or collaboration (if applicable).**

- when resources (faculty or courses) from another academic unit will be utilized
- when other academic units or degree programs may be impacted by the proposed request
- if the program will have an online delivery option support will be required from the Provost's office and ASU Online. (*Please complete the ASU Online Offering form in Curriculum ChangeMaker to begin this request.*)

☐ **Obtain the internal reviews/approvals of the academic unit.**

- internal faculty governance review committee(s)
- academic unit head (e.g. Department Chair or School Director)
- academic unit Dean or their designee (will submit approved proposal to the curriculumplanning@asu.edu email account for further ASU internal governance reviews (as applicable, University Graduate Council, CAPC and Senate)

Additional Recommendations

All new graduate programs require specific processes and procedures to maintain a successful degree program. Below are items that the Graduate College strongly recommends that academic units establish after the program is approved for implementation.

☐ **Establish satisfactory academic progress policies, processes and guidelines** – Check within the proposing academic unit and/or college to see if there are existing academic progress policies and processes in place. If none have been established, please go to http://graduate.asu.edu/faculty_staff/policies and scroll down to the **academic progress review and remediation processes** (for faculty and staff) section to locate the reference tool and samples for establishing these procedures.

☐ **Establish a Graduate Student Handbook for the new degree program** – Students need to know the specific requirements and milestones they must meet throughout their degree program. A Graduate Student Handbook, provided to students when they are admitted to the degree program and published on the website for the new degree, gives students this information. To be included in the handbook are the unit/college satisfactory academic progress policies, current degree program requirements (outlined in the approved proposal) and a link to the Graduate Policies and Procedures website: http://graduate.asu.edu/faculty_staff/policies.