

**(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.**

- Establishment of new curricular initiative requests; degrees, concentrations, or certificates
- Rename requests; existing degrees, concentrations or certificates
- Disestablishment requests; existing degrees, concentrations or certificates

**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](mailto:courses@asu.edu)

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

- New degree, concentration and certificate templates (contain proposal template and operational appendix) can be found at the Provost's Office Curriculum Development website: [Academic Programs link](#)

**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 may be impacted by the proposed program 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 (will submit approved proposal to the [curriculumplanning@asu.edu](mailto: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 Graduate Education strongly recommends that academic units establish after the program is approved for implementation.

**Set-up a Graduate Faculty Roster for new PhD Programs** - This roster will include the faculty eligible to mentor, co-chair or chair dissertations. For more information, please go to [http://graduate.asu.edu/graduate\\_faculty\\_initiative](http://graduate.asu.edu/graduate_faculty_initiative).

**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](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. Include in the handbook the unit/college satisfactory academic progress policies, current degree program requirements (outlined in the approved proposal) and provide a link to the Graduate Policies and Procedures website. Please go to [http://graduate.asu.edu/faculty\\_staff/policies](http://graduate.asu.edu/faculty_staff/policies) to access Graduate Policies and Procedures.

**Check Box Directions** - To place an "X" in the check box, place the cursor on the left-side of the box, right click to open the drop down menu, select **Properties**, under **Default value**, select **Checked** and then select **Ok**.



**ARIZONA STATE UNIVERSITY  
PROPOSAL TO ESTABLISH A NEW GRADUATE DEGREE**

This template is to be used only by programs that have received specific written approval from the University Provost's Office to proceed with internal proposal development and review. A separate proposal must be submitted for each individual new degree program.

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**DEGREE PROGRAM**

**College/School(s) offering this degree:** College of Health Solutions

**Unit(s) within college/school responsible for program:** School of Nutrition and Health Promotion

**If this is for an official joint degree program, list all units and colleges/schools that will be involved in offering the degree program and providing the necessary resources:** NA

**Proposed Degree Name:** Master of Science (MS) in Medical Nutrition

**Master's Degree Type:** Master of Science (MS)

**Proposed title of major:** Medical Nutrition

**Is a program fee required?** Yes  No

**Is the unit willing and able to implement the program if the fee is denied?** Yes  No

**Requested effective term: Fall and year:** 2018

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

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**PROPOSAL CONTACT INFORMATION**

(Person to contact regarding this proposal)

**Name:** Carol Johnston

**Title:** Professor and Associate Director

**Phone:** 602-827-2265

**email:** carol.johnston@asu.edu

**DEAN APPROVAL**

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. (Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.)

College Dean name: ~~Julie Liss~~ Deborah Helitzer

College Dean Signature

Date: 11-27-2017

College Dean name:  
(if more than one college involved)

College Dean Signature \_\_\_\_\_

Date: \_\_\_\_\_

**ARIZONA STATE UNIVERSITY  
PROPOSAL TO ESTABLISH A NEW GRADUATE DEGREE**

This proposal template should be completed in full and submitted to the University Provost's Office [mail to: [curriculumplanning@asu.edu](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.

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**DEGREE PROGRAM INFORMATION**

**Master's Type:** MS  
(E.g. MS, MA, MAS, PSM, or other)

**Proposed title of major:** Medical Nutrition

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**1. PURPOSE AND NATURE OF PROGRAM:**

**A. Brief program description –**

Lifestyle-related chronic diseases now account for 70% of all U.S. deaths and 75% of U.S. health care expenditures. Nutritional therapy is widely accepted as a low-risk, low cost, highly effective intervention for the prevention, risk reduction, and treatment of obesity, type 2 diabetes, hypertension, metabolic syndrome, cardiovascular disease, and certain cancers. Although 94% of physicians believe nutrition counseling should be a standard component of primary care, only 14% feel qualified to provide it. This program will target medical students, residents, and fellows; physician assistant students; and other students in health professions. The core nutrition competencies will encompass nutrition basics; lifespan; cardiovascular, metabolic/endocrine, gastrointestinal, and immunology systems; and emerging topics including microbiome, nutrigenomics, nutritional and botanical supplements, and personalized medicine.

**Will concentrations be established under this degree program?**  Yes  No

**(Please provide additional concentration information in the operational appendix – number 5A.)**

**2. PROGRAM NEED -** Explain why the university should offer this program (include data and discussion of the target audience and market).

ASU and its clinical partners in Arizona are well-positioned to directly address the national shortfalls in medical nutrition education. ASU's College of Health Solutions and EdPlus have established expertise in medical education and its delivery through successful collaborations with the Mayo Medical School on the development of a Science of Health Care Delivery Certificate that integrates with ASU's MS in Science of Health Care Delivery degree program and the generation of an innovative blended classroom approach for the medical school curriculum. We propose to utilize the expertise of Arizona State University's faculty and ASU's clinical and community partners to develop a Master's level medical nutrition program that can be designed and implemented in a timely and cost effective manner.

**3. IMPACT ON OTHER PROGRAMS -** Attach any letters of collaboration/support from impacted programs. (see Checklist coversheet) This new MS degree will complement our current degrees (MS in Nutrition and MS in Nutrition (Dietetics) which target students with undergraduate degrees in nutrition, and some courses in this new MS degree overlap with courses in our existing degrees (e.g., NTR 500, NTR 502, and some of the 500 level seminars). The new degree targets pre-med and pre-professional students from various undergraduate majors, and these students will receive intensive, clinically oriented nutrition introductory courses which will be designed specifically for this major. However, these students will also take classes with other nutrition MS students. Unlike our current degrees, this new degree will have a strong clinical component and strongly depend on case studies for learning outcomes. Impact statements have been requested from CONHI and SOLS.

4. **PROJECTED ENROLLMENT** - How many new students do you anticipate enrolling in this program each year for the next five years? Please note, The Arizona Board of Regents (ABOR) requires nine masters and six doctoral degrees be awarded every three years. Thus, the projected enrollment numbers must account for this ABOR requirement.

<b>5-YEAR PROJECTED ANNUAL ENROLLMENT</b>					
<b>Please utilize the following tabular format.</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b> (Yr 1 continuing + new entering)	<b>3<sup>rd</sup> Year</b> (Yr 1 & 2 continuing + new entering)	<b>4<sup>th</sup> Year</b> (Yrs 1, 2, 3 continuing + new entering)	<b>5<sup>th</sup> Year</b> (Yrs 1, 2, 3, 4 continuing + new entering)
Number of Students Majoring (Headcount)	15	5+25	10+30	12+35	14+40

We are anticipating enrollments increase each year. We will begin advertising as soon as the program receives approval. We anticipate lower enrollment in the first year since it will be a late launch. But we are confident that enrollments will increase each year over the next 5 years. This is designed as a 1-year program; but we will assume 30% do not graduate until the second year.

5. **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](mailto:uoeee@asu.edu) with any questions.

See Appendix II for the Assessment Plan.

6. **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

7. **FACULTY, STAFF, AND RESOURCE REQUIREMENTS:**

A. **Faculty**

- i. **Current Faculty** - List the name, rank, highest degree, area of specialization/expertise and estimate of the level of involvement of all current faculty members who will teach in the program.

*Carol Johnston, PhD, RD* micronutrient metabolism, obesity/diabetes management, nutritional and botanical supplements (20%)

*Farshad Marvasti, MD* integrative functional nutrition (20%)

*Corrie Whisner, PhD* macronutrient/micronutrient metabolism, nutrigenomics, microbiome (20%)

*Karen Sweazea, PhD* metabolic/endocrine systems, nutritional pathophysiology, inflammation, oxidative stress (20%)

*Christopher Wharton, PhD* food policy, food sustainability and systems (20%)

*Sandra Mayol-Kreiser, PhD, RD* lifespan, nutritional assessment/nutrition prescription (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.

One faculty position to support this new MS degree was entered in the FY18 CHS academic plan. This position was approved. A search is currently underway, and the initial phone interviews took place in late January. Candidates will be invited for campus visits in March with a hire anticipated by April.

- 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.

The Associate Director of Nutrition will provide administrative support for the program to include course offering oversight and admission. A graduate program director (Amanda Kling; currently housed in the Nutrition Program) will provide administrative support, and the new faculty hire will provide student advising and project mentoring.

- 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

In January 2017, current nutrition graduate program director position was increased from part time to 1 FTE to provide needed resources for students as they apply to the program and as they progress through the program.

## 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
- ii. If yes, complete the [Course Prefixes / Subjects Form](#) for each new prefix and submit it as part of this proposal submission.

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

Three new 3 credit courses (intensive, clinically oriented nutrition introductory courses part 1 and part 2; and a seminar course) are proposed:

### NTR 510 Food and Nutrition Across the Lifespan

This course will examine the nutritional needs of humans as they move through the lifespan from pre-conception through elder years. Conditions that may alter or substantially impact nutrition at these stages will be highlighted using case studies and medical reviews. The course will review programs that provide support for food or nutrition education at various life stages including changes in needs for specific macronutrients and micronutrients, and students will learn diet assessment techniques and diet prescription strategies to meet needs during various life stages

### NTR 511 Medical Nutrition in the Care and Prevention of Disease.

This course will provide an overview of the role of nutrition in medical practice and disease prevention. This will include an introduction to nutrition-based approaches in the prevention and treatment of chronic diseases such as obesity, cardiovascular disease, diabetes, cancer and gastrointestinal diseases. Integrative aspects of nutrition along with review of normal digestion and absorption and a discussion of disorders arising from abnormalities in these processes will be discussed. An introduction to clinical nutrition assessment and the basics of nutrition support will also be provided. Relevant clinical case discussions will be utilized along with review of the literature and current authoritative guidelines to reinforce the content.

Students will learn how to individualize nutrition recommendations and utilize motivational interviewing for patients with the various above-listed needs.

**NTR 524 Chronic Inflammation and Metabolic Syndrome: the Common Pathway for Cardiovascular Disease, Diabetes and Obesity**

This course will examine how diet and lifestyle contribute to the development of metabolic syndrome. Various risk factors that comprise metabolic syndrome will be reviewed and discussed through lectures and readings. Chronic inflammation as a common etiology for chronic disease will be reviewed. Nutrition interventions to treat and to prevent chronic inflammation will be highlighted using case studies and medical reviews.



**APPENDIX I  
OPERATIONAL INFORMATION FOR GRADUATE PROGRAMS**

(This information is used to populate the [Graduate Programs Search](#)/catalog website.)

**1. Provide a brief** (catalog type - no more than 150 words) **program description.**

This program is designed for future and current healthcare professionals, including “gap year” students (those who have completed their bachelor’s degree but have not yet secured admission to medical/veterinary/dental/osteopathic/Physician Assistant or similar schools) and current medical students, residents, fellows, and practitioners (MD, DO, PA, DVM, DDS, etc), seeking to develop a strong knowledge base in the nutritional sciences and its application in the healthcare field. Students will develop competence in nutritional biochemistry and its application in health maintenance, the treatment of disease, and disease prevention. Training in therapeutic diets, nutrition guidelines, and supplement/functional food usage will be integrated into coursework and culminating experiences. Self-directed learning using evidence-based nutrition research and case studies will be emphasized, and students will develop interpretive expertise and nutritional assessment techniques to use in clinical practice. Proficiency in reading and interpreting nutrition research is a key program goal.

**Breakdown of requirements for the academic catalog:**

30 credit hours including the required applied project course (NTR 593)

**Required Core (9 credit hours)**

NTR 502 Statistics in Research (3)

NTR 510 Food and Nutrition Across the Lifespan (3)

NTR 511 Medical Nutrition in the Care and Prevention of Disease (3)

**Restricted Electives (12 credit hours)**

**Other Requirement (3 credit hours)**

NTR 500 Research Methods I (3)

**Culminating Experience (6 credit hours)**

NTR 593 Applied Project (6)

**Additional Curriculum Information**

For the approved list of restricted electives, please see the academic unit.

Restricted elective and other requirement coursework may be substituted with the approval of the student’s graduate committee.

**2. Campus(es) where program will be offered:**

*(Please note that Office of the Provost approval is needed for ASU Online campus options.)*

**ASU Online only** (all courses online)

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

Downtown                       Polytechnic  
 Tempe                               West

**Both** on-campus **and**  ASU Online (\*) - (Check applicable campus from options listed.)

(\*) Please note: Once students elect a campus option, students will not be able to move back and forth between the on-campus (in-person) or hybrid options and the ASU Online campus option.

**3. Admission Requirements:**

**Degree:** Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

**GPA:** 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.

**English Proficiency Requirement for International Applicants:** The English proficiency requirements are the same as the Graduate College requirement. (see Graduate College requirement [http://graduate.asu.edu/admissions/international/english\\_proficiency](http://graduate.asu.edu/admissions/international/english_proficiency)):  Yes  No

If applicable, list any English proficiency requirements that are supplementary to the Graduate Education requirement.

**Foreign Language Exam:**

Foreign Language Examination(s) required?  Yes  No

**Required Admission Examinations:**  GRE  GMAT  Millers Analogies  None required (Select all that apply.)

**Letters of Recommendation:**  Yes  No 3 letters from instructors/professors

4. **Application Review Terms (if applicable Session):** Indicate all terms for which applications for Admissions are accepted and the corresponding application deadline dates, if any:

Fall (regular) (year): 2018

5. **Curricular Requirements:**

(Please expand tables as needed. Right click in white space of last cell. Select "Insert Rows Below")

5A. Will concentrations be established under this degree program?  Yes  No

5B. **Curricular Structure:**

<u>Required Core Courses for the Degree</u>			<u>Credit Hours</u>
<b>(Prefix &amp; Number)</b>	<b>(Course Title)</b>	<b>(New Course?) Yes or No?</b>	<b>9</b>
NTR 502	Statistics in Research	Yes	3
NTR 510	Food and Nutrition Across the Lifespan	Yes	3
NTR 511	Medical Nutrition in the Care and Prevention of Disease	Yes	3
<u>Other Required Courses</u> <i>Courses may be substituted with the approval of the graduate committee</i>			<u>Credit Hours</u>
<b>(Prefix &amp; Number)</b>	<b>(Course Title)</b>	<b>(New Course?) Yes or No?</b>	<b>3</b>
NTR 500	Research Methods I	No	3
<u>Restricted Electives</u> <i>Courses may be substituted with the approval of the graduate committee</i>			<u>Credit Hours</u>



(Prefix & Number)	(Course Title)	(New Course?) Yes or No?	12
NTR 524	Chronic Inflammation and Metabolic Syndrome: the Common Pathway for Cardiovascular Disease, Diabetes	No	3
NTR 525	Complementary Nutrition	No	3
NTR 533	Ethics and Policy of American Diets	No	3
NTR 535	Nutrigenomics	No	3
<b>Culminating Experience*</b> <i>E.g. - Capstone course, applied project, <b>thesis (masters only – 6 credit hours)</b> or <b>dissertation (doctoral only – 12 credit hours)</b> as applicable</i>			<b>Credit Hours</b> <u>6</u>
NTR 593 Applied Project			6
<b>Total required credit hours</b>			<b>30</b>

- List all required core courses and total credit hours for the core (required courses other than internships, thesis, dissertation, capstone course, etc.).
- Omnibus numbered courses cannot be used as core courses.
- Permanent numbers must be requested by submitting a course proposal to Curriculum ChangeMaker for approval. Courses that are new, but do not yet have a new number can be designated with the prefix, level of the course and X's (e.g. ENG 5XX or ENG 6XX).

\*The Culminating Experience (6 credit hours) mirrors another MS degree in our program: MS in Nutrition (Dietetics). The Culminating Experience will be overseen by the faculty teaching these sections of NTR 593. See:

<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ECNTRDMS/graduate/false?init=false&nopassive=true>

- 6. Comprehensive Exams:** No written or oral comprehensive exam is required
- 7. Allow 400-level courses:**  Yes  No (No more than 6-credit hours of 400-level coursework can be included on a graduate student plan of study.)
- 8. Committee:** Required Number of Applied Project committee members: 1
- 9. Keywords** (List all keywords that could be used to search for this program. Keywords should be specific to the proposed program.) medical nutrition, healthcare, clinical practice, diet, food

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

A. Select **one (1)** primary area of interest from the list below that applies to this program.

- |   |   |
|---|---|
| <input type="checkbox"/> <a href="#">Architecture &amp; Construction</a>  | <input type="checkbox"/> <a href="#">Interdisciplinary Studies</a>      |
| <input type="checkbox"/> <a href="#">Arts</a>                             | <input type="checkbox"/> <a href="#">Law &amp; Justice</a>              |
| <input type="checkbox"/> <a href="#">Business</a>                         | <input type="checkbox"/> <a href="#">Mathematics</a>                    |
| <input type="checkbox"/> <a href="#">Communication &amp; Media</a>        | <input type="checkbox"/> <a href="#">Psychology</a>                     |
| <input type="checkbox"/> <a href="#">Education &amp; Teaching</a>         | <input type="checkbox"/> <a href="#">STEM</a>                           |
| <input type="checkbox"/> <a href="#">Engineering &amp; Technology</a>     | <input type="checkbox"/> <a href="#">Science</a>                        |
| <input type="checkbox"/> <a href="#">Entrepreneurship</a>                 | <input type="checkbox"/> <a href="#">Social and Behavioral Sciences</a> |
| <input checked="" type="checkbox"/> <a href="#">Health &amp; Wellness</a> | <input type="checkbox"/> <a href="#">Sustainability</a>                 |
| <input type="checkbox"/> <a href="#">Humanities</a>                       |   |

B. Select **one (1)** secondary area of interest from the list below that applies to this program.

- |  |  |
|--|--|
| <input type="checkbox"/> <a href="#">Architecture &amp; Construction</a> | <input type="checkbox"/> <a href="#">Interdisciplinary Studies</a> |
| <input type="checkbox"/> <a href="#">Arts</a>                            | <input type="checkbox"/> <a href="#">Law &amp; Justice</a>         |

- |   |   |
|---|---|
| <input type="checkbox"/> <a href="#">Business</a>                     | <input type="checkbox"/> <a href="#">Mathematics</a>                    |
| <input type="checkbox"/> <a href="#">Communications &amp; Media</a>   | <input type="checkbox"/> <a href="#">Psychology</a>                     |
| <input type="checkbox"/> <a href="#">Education &amp; Teaching</a>     | <input type="checkbox"/> <a href="#">STEM</a>                           |
| <input type="checkbox"/> <a href="#">Engineering &amp; Technology</a> | <input checked="" type="checkbox"/> <a href="#">Science</a>             |
| <input type="checkbox"/> <a href="#">Entrepreneurship</a>             | <input type="checkbox"/> <a href="#">Social and Behavioral Sciences</a> |
| <input type="checkbox"/> <a href="#">Health &amp; Wellness</a>        | <input type="checkbox"/> <a href="#">Sustainability</a>                 |
| <input type="checkbox"/> <a href="#">Humanities</a>                   |   |

**11. Contact and Support Information:**

Office Location (Building & Room):	Arizona Collaborative Building 1 (ABC) 132
Campus Telephone Number:	602-496-0869
Program email address:	chs@asu.edu
Program website address:	https://chs.asu.edu/
Program Director (Name):	Carol Johnston
Program Director (ASU ID):	vitaminc
Program Support Staff (Name):	Amanda Kling
Program Support Staff (ASU ID):	amarine
Admissions Contact (Name):	Amanda Kling
Admissions Contact (ASU ID):	amarine

**12. 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	Empl ID	ADMSN	POS
Amanda Kling	amarine	yes	yes
Tina Shepard	tshepard	yes	yes

## APPENDIX II

## Assessment Plan



## Academic Program Assessment Plan

<b>Date:</b> 1/30/2018	<b>Program Name:</b> MS in Medical Nutrition	<b>Status:</b> UOEEE Provisional Approval
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**Comment****Assessment Plan**

**Outcome 1:** Communicate the value of nutrition assessment in the comprehensive care of ambulatory and hospitalized patients

Measure 1.1 Class projects to integrate and apply evidence-based research

Performance Criterion 1.1 80% or more of students will earn a grade of B or better on the class project

Measure 1.2 Assignments to assess understanding of research studies in terms of limitations and significance

Performance Criterion 1.2 80% or more of students will earn a grade of B or better on the class assignment

Measure 1.3

Performance Criterion 1.3

**Outcome 2:** List the laboratory measurements commonly used to assess the nutritional status of patients

Measure 2.1 Case studies focused on nutritional status of patients

Performance Criterion 2.1 80% or more of students will earn a grade of B or better on the case study

Measure 2.2 Assignments to assess understanding of research studies in terms of limitations and significance

Performance Criterion 2.2 80% or more of students will earn a grade of B or better on the class assignment

Measure 2.3

Performance Criterion 2.3

**Outcome 3:** Demonstrate how to interpret physical findings that reflect nutritional status and signs of nutritional deficiency

Measure 3.1 Case studies focused on patient symptoms

Performance Criterion 3.1 80% or more of students will earn a grade of B or better on the case studies

Measure 3.2 Assignments to assess understanding of research studies in terms of limitations and significance

Performance Criterion 3.2 80% or more of students will earn a grade of B or better on the class assignment

Measure 3.3

Performance Criterion 3.3

**Outcome 4:** Identify patients at risk for chronic disease (including obesity, cardiovascular disease, diabetes, cancer, and gastrointestinal diseases) using identification of risk factors and nutrition histories

Measure 4.1 Class projects to link risk factors and nutrition histories to chronic disease

Performance Criterion 4.1 80% or more of students will earn a grade of B or better on the class projects

Measure 4.2 Case studies focused on patient symptoms

Performance Criterion 4.2 80% or more of students will earn a grade of B or better on the case studies

Measure 4.3

Performance Criterion 4.3

**Outcome 5:** Summarize evidence based dietary parameters for patients with chronic disease and prioritize nutritional goals for these patients

Measure 5.1 Class projects to prioritize nutritional goals for patients

Performance Criterion 5.1 80% or more of students will earn a grade of B or better on the class projects

Measure 5.2 Case studies focused on patients with chronic disease

Performance Criterion 5.2 80% or more of students will earn a grade of B or better on the case studies

Measure 5.3

Performance Criterion 5.3

**APPENDIX III**  
Support Letters

**Official Submission**

**College of Health Solutions**

**From:** Kate Lehman  
**Sent:** Thursday, January 26, 2017 10:42 AM  
**To:** Curriculum Planning  
**Cc:** Carol Johnston  
**Subject:** FW: MS Medical Nutrition

Here is the paperwork for the MS in Medical Nutrition for which we just received planning authority.

Thanks,

**Kate Lehman**  
Senior Director, Academic Initiatives



550 North 3rd Street, Ste. 511 | Phoenix, AZ 85004-9020  
Work: 602.496.0241 | Fax: 602.496.0544 | [Kate.Lehman@asu.edu](mailto:Kate.Lehman@asu.edu)  
<https://chs.asu.edu>

College of Nursing and Health Innovation – Impact Statement

**Kate Lehman**

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**From:** Carol Johnston  
**Sent:** Thursday, November 16, 2017 9:08 AM  
**To:** Kate Lehman  
**Subject:** FW: Impact statement needed  
**Attachments:** exhibitA.docx

Hi Kate – here is one impact statement for the entire degree. (I had statements for the individual courses already in Changemaker – but I want to make sure I have all the basis covered!)

**From:** Katherine Kenny  
**Sent:** Thursday, November 16, 2017 9:03 AM  
**To:** Carol Johnston <CAROL.JOHNSTON@asu.edu>  
**Subject:** FW: Impact statement needed

Dear Carol – Thank you for asking me to review the Proposed Program, MS in Medical Nutrition. There is no conflict with the programs or courses offered in The College of Nursing and Health Innovation. On behalf of CONHI I support this proposal. Best of luck in the implementation of this program.

Best,  
Kathy

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

**From:** Carol Johnston  
**Sent:** Wednesday, November 15, 2017 11:29 AM  
**To:** Katherine Kenny  
**Cc:** Kate Lehman  
**Subject:** RE: Impact statement needed

Hi Kathy,

You reviewed a course in our new degree program earlier in the year. I have been asked to ask for an impact statement for CONHI for the entire degree. I've attached a document describing the new degree. Could you please provide an impact statement for the entire degree – this would be much appreciated! (If I should direct this email to another individual, please let me know).

Thank you!

Carol

Carol Johnston, PhD, RD

Professor and Associate Director  
Phone: 602-827-2265  
Mail: 500 N. 3<sup>rd</sup> Street, Phoenix AZ 85004  
Office: 425 N. 5<sup>th</sup> Street, Phoenix AZ 85004  
[carol.johnston@asu.edu](mailto:carol.johnston@asu.edu)

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**From:** Katherine Kenny  
**Sent:** Wednesday, August 16, 2017 6:45 PM  
**To:** Carol Johnston <[CAROL.JOHNSTON@asu.edu](mailto:CAROL.JOHNSTON@asu.edu)>  
**Subject:** FW: Impact statement needed

Dear Carol – Thank you for asking me to review NTR 510 . I have reviewed the proposed course syllabus for NTR 510. This course does not compete with or impact any of the current courses offered in CONHI. On behalf of CONHI I support this course. Thank you.

Best,  
Kathy

Katherine (Kathy) Kenny, DNP, RN, ANP-BC, FAANP, FAAN  
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**From:** Carol Johnston <[CAROL.JOHNSTON@asu.edu](mailto:CAROL.JOHNSTON@asu.edu)>  
**Date:** Thursday, August 3, 2017 at 10:32 PM  
**To:** Craig Thatcher <[Craig.Thatcher@asu.edu](mailto:Craig.Thatcher@asu.edu)>  
**Subject:** Impact statement needed

Hi Craig,

Hope you have had a fun summer. We are in the process of developing a new Master's degree in Medical Nutrition. This new degree targets pre-med and pre-professional students from various undergraduate majors, and these students will receive intensive, clinically oriented nutrition introductory courses which have been designed specifically for this major. One of these courses is NTR 510 Food and Nutrition Across the Lifespan. This course will cover the nutritional needs of humans as they move through the lifespan from pre-conception through elder years. I have attached the syllabus. Note that this class will only be taught on line.

We need a statement regarding how this new class might impact your programs. Please let me know if you have any questions or need more information.

Thank you in advance!



**College of Liberal Arts and Sciences – Impact Statement**

Dear Carol,

Thank you for your patience as we sought input from SoLS and its graduate programs.

None of the proposed courses overlap with any that are taught in SoLS programs, which has been confirmed with the specific graduate program directors. The leadership feels that the MS in Medical Nutrition would be a good and timely program with interesting courses that some SoLS graduate students could potentially enroll in. This is made easier even as most courses apparently are available online.

Good luck in the launch of your program, and please let me know if you need anything further.

Sincerely,  
Kenro Kusumi

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**Kenro Kusumi**

Associate Dean of Research and Graduate Initiatives  
Professor, School of Life Sciences

**Arizona State University**

**Office of the Dean**

**College of Liberal Arts & Sciences**

P.O. Box 876505

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Tempe, Arizona 85287-6505

**P: 480.727.0530 | F: 480.965.1093**

**From:** Carol Johnston <[CAROL.JOHNSTON@asu.edu](mailto:CAROL.JOHNSTON@asu.edu)>

**Date:** Tuesday, December 19, 2017 at 10:09 PM

**To:** Kenro Kusumi <[Kenro.Kusumi@asu.edu](mailto:Kenro.Kusumi@asu.edu)>

**Cc:** Kate Lehman <[KATE.LEHMAN@asu.edu](mailto:KATE.LEHMAN@asu.edu)>

**Subject:** RE: Impact statement needed

Thank you very much, Kenro. I had sent a request to Miles Orchinik on 11/15 but never heard from him. I appreciate your help.

Best,  
Carol

**From:** Kenro Kusumi

**Sent:** Tuesday, December 19, 2017 9:38 PM

**To:** Carol Johnston

**Cc:** Kate Lehman

**Subject:** Re: Impact statement needed

I'll send this out to SoLS but given the proximity to the holidays (and I'm out next week), I am not sure if we can get you back a statement until the first week of January. If available earlier, we'll certainly won't delay in sending to you.

Best wishes,  
Kenro

**Kenro Kusumi**

Associate Dean of Research & Graduate Initiatives  
Professor, School of Life Sciences

**Arizona State University**

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**From:** Carol Johnston <[CAROL.JOHNSTON@asu.edu](mailto:CAROL.JOHNSTON@asu.edu)>

**Date:** Tuesday, December 19, 2017 at 10:38 AM

**To:** Kenro Kusumi <[Kenro.Kusumi@asu.edu](mailto:Kenro.Kusumi@asu.edu)>

**Cc:** Kate Lehman <[KATE.LEHMAN@asu.edu](mailto:KATE.LEHMAN@asu.edu)>

**Subject:** FW: Impact statement needed

Hi Kenro,

We are in the process of developing a new MS degree in Medical Nutrition. I have been advised to ask for an impact statement from SOLS for this new degree. I've attached a document describing the new degree. Could you please provide an impact statement for the degree – this would be much appreciated! (If I should direct this email to another individual, please let me know).

Thank you!

Carol

Carol Johnston, PhD, RD

Professor and Associate Director

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[carol.johnston@asu.edu](mailto:carol.johnston@asu.edu)

ASU Online/EdPlus – Support



MEMORANDUM

To: Kate Lehman  
From: Casey Evans  
Date: January 2, 2018  
Subject: Master of Science in Medical Nutrition

Dear Kate,

Congratulations!

The Master of Science in Medical Nutrition program has received preliminary support from Dean Philip Regier to be offered through ASU Online. This program must complete university governance reviews for formal approval. Please include this support memo along with your proposal submission when it is submitted formally to the university (to [curriculumplanning@asu.edu](mailto:curriculumplanning@asu.edu)) by your dean or their designee.

Please note that in order to proceed with implementation you must receive final approval to launch an online program from the University Provost, and submit an ASU Online Offering form in Curriculum Changemaker to gain documented approvals from Dean Regier and Provost Searle.

Once again, congratulations! We are excited to work with you on your new program.

Thank you!

Casey Evans

Director, Program and Project Management  
EdPlus at ASU  
Arizona State University  
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