Degree|Change_Credits for request 11793

Info

Request: Change degree credit requirements from 40 to 39 credits for the Master of Health Science with a major in Environmental and Global Health and a concentration in One Health.
Description of request: We are requesting a change in the degree requirements from 40 credits to 39 credits for the Master of Health Science with a major in Environmental and Global Health and a concentration in One Health. Removing a 1 credit course from the program's curriculum prompted this request. This action has no bearing on the existing 36 credit Master of Health Science with a major in One Health.
Submitter: Candice Vogtle cvogtle@ufl.edu
Created: 1/11/2018 9:19:45 AM
Form version: 4

Responses

Degree Name
Enter the name of the degree program.

Response:
Master of Health Science

CIP Code
Enter the six digit Classification of Instructional Programs (CIP) code for the degree program. The code has the numerical format XX.XXXX. Contact the Office of Institutional Planning and Research (OIPR) to verify the CIP code for the existing degree program.

Response:
51.2201

Current Total Credits
Enter the current number of credits needed to complete the majors in the degree program.

Response:
40

Proposed Total Credits
Enter the proposed number of credits needed to complete the majors in the degree program.

Response:
39

Effective Term
Enter the term (semester and year) that the requested change in total credits would be effective.

Response:
Summer

Effective Year

Response:
2018

Pedagogical Rationale/Justification

Describe the rationale for the proposed change to the total credits. In accordance with the requirements of Section 1007.25, F.S., the Board of Governors may approve a request by a university board of trustees for a bachelor's degree program to exceed 120 credit hours to degree for the following reasons:
<ol style="list-style-type:lower-alpha;">
• Additional courses are required to meet specialized accreditation standards for program content and such accreditation is expected or required for program graduates to become employed in the profession for which they are being prepared (e.g. Engineering, Architecture).
• Additional courses are required to meet state or federal mandated criteria for professional licensing (e.g., Teacher Education).
*• The degree program offers a unique and innovative learning experience, such as honors programs, individualized study, and other non-traditional approaches to education.
*

Response:
We are requesting to decrease the MHS degree credit requirements from 40 to 39. This is a result of dropping the required Critical Thinking in Environmental and Global Health course (PHC7935). After assessing the course in the context of the overall curriculum, we have decided that the skills being taught in critical thinking were redundant as other required courses have evolved to include critical thinking components (i.e. PHC6515 Introduction to Entomology Zoonotic Diseases and Food Safety). In addition, this additional credit was sometime difficult for the students to fit within a 9-6-9 semester credit structure as we offer very few 2 credit courses simultaneously. Now that our MHS degree is also offered online, this became a pertinent issue.
We have made sure that critical thinking skills are being acquired across several core courses that remain requirements for the degree.

Current Requirements
Master of Health Science in Environmental and Global Health Core Courses:

PHC 6052 Introduction to Biostatistical Methods, 3 credits
PHC 6001 Principles of Epidemiology in Public Health, 3 credits
PHC 6313 Environmental Health Concepts in Public Health, 3 credits
PHC 6937 Special Topics in Public Health (Introduction to Public Health), 3 credits

Core Courses One Health Concentration:

PHC 6937 Special Topics in Public Health (Occupational & Environmental Health among Agriculture Workers), 3 credits
PHC 6937 Special Topics in Public Health (Environmental Infectious Diseases; A Molecular Approach), 3 credits
PHC 6312 or Water Quality & Human Health, 3 credits
or PHC 6301 Aquatic Systems and Environmental Health, 3 credits
PHC 6515 An Introduction to Entomology, Zoonotic Diseases, and Food Safety, 3 credits
PHC 7935: Critical Thinking in Environmental and Global Health, 1 credit

Electives: 12 Electives
PHC 6937 Special Topics in Public Health (Aquatic Systems and Environmental Health), 3 credits
PHC 6512 Environmental Management of Vector-bome Diseases, 3 credits
PHC 6937 Special Topics in Public Health (Water Quality & Human Health), 3 credits
PHC 6006 Applied Infectious Disease Epidemiology, 2 credits
PHC 6937 Special Topics in Public Health (Public Health Laboratory Techniques), 1 credit
PHC 6445 Global Health & Development I, 3 credits
PHC 6762 International Public Health 3 credits
PHC 6937 Special Topics in Public Health (Public Health Biology), 3 credits
PHC 6937 Special Topics in Public Health (Public Health Disaster Preparedness and Emergency Response), 3 credits
PHC 6937 Special Topics in Public Health (Zoonotic Diseases), 3 credits
EES 5425 Water Quality Analysis, 3 credits

FOS 5205 Current Issues in Food Safety and Sanitation, 3 credits
SWS 6932 Soils, Water and Public Health, 3 credits
VME 6934 Ecological Toxicology and Risk Assessment, 3 credits
PHA 6425 Drug Biotransformation and Molecular Mechanisms of Toxicity, 3 credits
FOS 5732 Current Issues in Food Regulations, 3 credits
ANG 5467 Culture and Nutrition, 3 credits ENV 6130 Aerosol Mechanics, 3 credits
FAS 6932 Introduction to Aquaculture, 3 credits ENV 4101 Elements of Air Pollution, 3 credits
ENV 5105 Foundation of Air Pollution, 3 credits
ENV 6932 Aerosol Chemistry and Physics, 3 credits EES 6225 Atmospheric Chemistry, 3 credits
ABE 5707C Agricultural Waste Management, 3 credits ABE 6905 Industrial Hygiene, 3 credits
ANS 6636 Meat Technology, 3 credits
ENY 6905 Advanced Mosquito Biology, 3 credits
PHC 6937 Special Topics in Public Health (Field Research Experience), 3 credits
Required Hours: 40

Proposed Requirements:

Master of Health Science in Environmental and Global Health Core Courses:
PHC 6052 Introduction to Biostatistical Methods, 3 credits
PHC 6001 Principles of Epidemiology in Public Health, 3 credits PHC 6313 Environmental Health Concepts in Public Health, 3 credits
PHC 6937 Special Topics in Public Health (Introduction to Public Health), 3 credits

Core Courses One Health Concentration:

PHC 6937 Special Topics in Public Health (Occupational & Environmental Health among Agriculture Workers), 3 credits
PHC 6937 Special Topics in Public Health (Environmental Infectious Diseases; A Molecular Approach), 3 credits
PHC 6312 or Water Quality & Human Health, 3 credits
or PHC 6301 Aquatic Systems and Environmental Health, 3 credits
PHC 6515 An Introduction to Entomology, Zoonotic Diseases, and Food Safety, 3 credits
PHC 7935: Critical Thinking in Environmental and Global Health 1 credit (This is the course to be removed.)

Electives: 12 Electives

PHC 6937 Special Topics in Public Health (Aquatic Systems and Environmental Health), 3 credits

PHC 6512 Environmental Management of Vector-bome Diseases, 3 credits
PHC 6937 Special Topics in Public Health (Water Quality & Human Health) 3 credits
PHC 6006 Applied Infectious Disease Epidemiology, 2 credits
PHC 6937 Special Topics in Public Health (Public Health Laboratory Techniques), 1 credit
PHC 6445 Global Health & Development I, 3 credits
PHC 6762 International Public Health, 3 credits
PHC 6937 Special Topics in Public Health (Public Health Biology), 3 credits
PHC 6937 Special Topics in Public Health (Public Health Disaster Preparedness and Emergency Response), 3 credits
PHC 6937 Special Topics in Public Health (Zoonotic Diseases), 3 credits
EES 5425 Water Quality Analysis, 3 credits
FOS 5205 Current Issues in Food Safety and Sanitation, 3 credits
SWS 6932 Soils, Water and Public Health, 3 credits
VME 6934 Ecological Toxicology and Risk Assessment, 3 credits
PHA 6425 Drug Biotransformation and Molecular Mechanisms of Toxicity, 3 credits
FOS 5732 Current Issues in Food Regulations, 3 credits
ANG 5467 Culture and Nutrition, 3 credits
ENV 6130 Aerosol Mechanics, 3 credits
FAS 6932 Introduction to Aquaculture, 3 credits
ENV 4101 Elements of Air Pollution, 3 credits
ENV 5105 Foundation of Air Pollution, 3 credits
ENV 6932 Aerosol Chemistry and Physics, 3 credits

EES 6225 Atmospheric Chemistry, 3 credits
ABE 5707C Agricultural Waste Management, 3 credits ABE 6905 Industrial Hygiene, 3 credits
ANS 6636 Meat Technology, 3 credits
ENY 6905 Advanced Mosquito Biology, 3 credits
PHC 6937 Special Topics in Public Health (Field Research Experience), 3 credits

Required Hours: 39

Impact on Initial Enrollment/Retention/Graduation
Describe the projected impact of the change in total credits on enrollment and on retention and graduation of students in the majors.

Response:
We do not expect with a change in 1 credit that enrollment will be impacted.

Assessment Data Review
Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.

Response:
There was one indirect SLO associated with this one credit course under the skills category:

1. Number of presentations and discussions given in required core course PHC 7935 Critical Thinking in EGH (Indirect).

We will shift this SLO to course PHC 6515 (required course) as students will participate in critical thinking exercises (case studies) that can be assessed. We are also requesting modifications to this course to incorporate the case studies into the syllabus (syllabus in review by curriculum committee Aug 2017).

Academic Learning Compact and Academic Assessment Plan
Describe the modifications to the Academic Learning Compact and Academic Assessment Plan that result from the proposed change.

Response:
The Assessment Plan will be modified to accommodate the SLO described above. The modified text will read:

Additionally, problem solving skills are assessed through presentations and discussions in required core classes, particularly PHC 6515 where the students engage in case studies tat focus on One Health. Records of student presentations in core courses are maintained through the Department of Environmental and Global Health.