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8/30/17

TO: Randy Smith, PhD – Vice Provost –Academic Programs

Katie Reed, Executive Assistant

RE: Request to change elective requirements for BS Health Sciences

The Division of Health Sciences and Medical Dietetics have requested a change in the organization of the electives for the Health Sciences program.

Rationale: To meet the goals and objectives of this degree program, students require guidance for elective coursework. This organization of two categories will assist students in developing their program plan and will assist advisors to meet the student need.

- Currently, there are four required electives. Students may choose any four courses from the approved list of electives list for this program.
- We propose that students must take one of four courses from the “Science” category core electives and one of four courses from the category of four courses entitled “Patient Client”. The other two electives may be the student choice from the approved list of electives.
- There are no changes to individual courses.
- There are no changes in required credit hours.

I have included in this email the documentation for elective lists, proposed elective categories and the curriculum guide with the proposed changes.

Sincerely,

Marcia Nahikian-Nelms, PhD, RDN, LD, FAND
Director, Academic Affairs



Suzanne M. Leson, PhD RDN LD
Director/Associate Professor
306 Atwell Hall
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August 29, 2017

Sarah M. Varekojjs, PhD, RRT, FAARC, Chair,
Curriculum Committee School of Health and Rehabilitation Sciences
453 West 10th Avenue
Columbus, OH 43210

Dear Dr. Varekojjs and the Curriculum Committee:

The purpose of this letter is to request and justify a change in the Bachelor of Science in Health Sciences plan of study (program).

At the most recent Health Sciences curriculum meeting the faculty reviewed and discussed the current Health Sciences plan of study. As a result of this meeting (and prior discussions) the faculty would like to propose a change in the Health Sciences plan of study.

The proposed change would include the following:

All students in the Bachelor of Science in Health Sciences undergraduate major would be required to choose one course in each of the two subject matter areas as part of their elective choices:

Patient/Client

4320 Clinical Interviewing
4914 Group Education Process in Healthcare
5350 Case Studies in Health Science
5600 Global Aging

Science

4900 Evidence Based Research in Health Science
4950 Program Development
5510 Pharmacological Aspects of Practice
4350 Introduction to Legal in Healthcare

The two content areas were determined to be rather weak in the curriculum. By semi-prescribing the elective choices these knowledge content areas will be strengthened. The total program hours will remain the same.

We would like to implement this change for Spring 2018 and will work closely with Student Services advisors.



The School of Health and Rehabilitation Sciences

Health Sciences

The School of Health and Rehabilitation Sciences (SHRS) is a School in The Ohio State University College of Medicine. The School is nationally recognized as a leader in practice-based health care education. For more than five decades, the School has prepared students to achieve personal and professional excellence, as they pursue an exciting career in healthcare.

PROGRAM OVERVIEW

The Health sciences program is intended for students interested in continuing their education in a graduate field in health care or in pursuing an entry level job in health care. Students interested in graduate school pursue degrees in areas such as Occupational Therapy, Physical Therapy, Medicine, Public Health, Hospital/Health Services Administration, Dentistry, Optometry, Nursing, Veterinary Medicine, Medical Dietetics and/or another graduate program of their choice upon graduation. The Health Sciences program also offers the opportunity for students to enter the health care field in various community education and patient center management positions. Students receive an introduction to the organization and delivery of healthcare as well as general education. The program provides the foundation of coursework for students to complete the Certified Health Education Specialist exam and can also be used for students to complete their bachelor’s degree after achieving an associate’s degree in a related health care field.

ADMISSION & APPLICATION PROCEDURES

Applicants must meet the following minimum requirements and submit requested materials to be considered for admission. The application deadline for AUTUMN 2017 is January 31st, 2017. The professional program will begin August 22, 2017.

- 1. An electronic application is available online at gpadmissions.osu.edu which must be completed and submitted with all required supplemental documents, if applicable.
2. A minimum 2.50 cumulative GPA is required in all coursework taken at all accredited institutions. All post-secondary coursework is considered. Although a 2.5 GPA is the minimum, the average GPA is higher.
3. Completion of all prerequisite courses or their equivalents with a C- or higher by the end of summer term, 2017.
4. First year students who are in the Honors or Scholars program can be directly admitted into the Health Sciences program. Additionally, current OSU Honors or Scholars students can be directly admitted into the Health Sciences program with a cumulative GPA of 3.0 or higher. Please contact an SHRS advisor to see if you qualify.

DEGREE REQUIREMENTS

The minimum total hours to graduate from The Ohio State University is 120 semester hours. The Health Sciences program requires a minimum of 120 hours barring special circumstances. Some students may need to take one or more general elective courses to meet the minimum total credit hours required for graduation. This includes all general graduation requirements, general education curriculum, admission prerequisites, program prerequisites, professional curriculum, and courses for a mandatory minor (minors typically consist of 15 credit hours). Remedial, conditional, and repeated coursework do not count towards the minimum hours.

GENERAL EDUCATION (18 SEMESTER HOURS THAT DO NOT DOUBLE COUNT AS PREREQUISITE COURSES)

SHRS students must complete all General Education (GE) before graduating from the University. Some of these requirements overlap with program prerequisites or professional curriculum courses. The required coursework is listed below:

Students are encouraged to double count the global and social diversity GE requirements with other GEs.

Table with 4 columns listing GE requirements: Writing (6 hours), Math (4-5 hours), Art (3 hours), Historical Study or Culture & Ideas (3 hours), Data Analysis (3 hours), Literature (3 hours), Science (10 hours), Social Diversity in the US (0-3 hours), Social Science (6 hours), Global Studies (0-6 hours), Historical Study (3 hours), Open Options (6 hours)

PROGRAM PREREQUISITES & COREQUISITES (34-37 SEMESTER HOURS INCLUDING COURSES THAT DOUBLE COUNT AS GE COURSES^{GE})

Students who are first year (freshman) students who wish to apply to the Health Sciences program must have at least a 3.5 cumulative GPA and have completed the Math and 3 Science prerequisite courses or their equivalent with a C- or higher by the end of summer term, 2017.

Students who are second year (sophomores) students or above who wish to apply to the Health Sciences program must have completed all prerequisite courses or their equivalent with a C- or higher by the end of summer term, 2017.

Please note that Math 1148 can not be taken concurrently with Chemistry 1210.

Admission Prerequisites (once admitted, 3 years of schooling)

- College Level Math
Three Sciences (one with lab)

OSU Course Equivalents

- Math 1148 or 1149 or 1150 GE
Bio 1101 or Bio 1113 or Chem 1110 or Chem 1210 or Chem 1220 or Physics 1200 GE

Program Prerequisites (once admitted, 2 years of schooling)

- Anatomy
Human Physiology

OSU Course Equivalents

- Anatomy 2300 or Anatomy 3300 or EEOB 2510 GE
EEOB 2520 or Physio 3200 GE

Co-Requisites (to be completed while in the professional program)

- Psychology
Sociology
Medical Terminology
Statistics

OSU Course Equivalents

- Psych 1100 GE
Soc 1101 or Rurlsoc 1500 GE
HTHRHSC 2500 or Classics 2010
Stats 1350 or 1450 or Psych 2220 GE

It is up to the student to be pro-active in identifying graduate programs of interest so that they can schedule the 3 science courses accordingly

PROFESSIONAL CURRICULUM (47 SEMESTER HOURS)

The professional curriculum includes courses available to students who have been admitted to the professional program. Students may complete the coursework on a part-time basis, however courses are typically offered once per academic year.

SUGGESTED SCHEDULING PLAN

The following plan demonstrates how students may complete the Health Sciences program in eight semesters. The semester and year in which some courses are placed can be adjusted to meet the individual needs of students. It is assumed that students following this plan who are admitted to the program will begin professional coursework autumn semester of year three.

Schedule is based on a traditional 4 year course of study. course offerings are a tentative plan and subject to change.

YEAR 1	YEAR 2	YEAR 3	YEAR 4
<p>Autumn</p> <p>HthRhSc 1100 (1)</p> <p>Math 1148 or higher* (4)</p> <p>Psychology 1100 (3)</p> <p>Chemistry 1210 (5)</p> <p>GE (3)</p> <p><small>*Students in MATH 1148 will sub GEs or other prereqs into their 1st term in place of CHEM 1210</small></p> <p>Total (17)</p>	<p>Autumn</p> <p>Anatomy 2300.04 (4)</p> <p>HthRhSc 2500 (3)</p> <p>Major Elective/Minor Course (3)</p> <p>GE (3)</p> <p>Total (16)</p>	<p>Autumn</p> <p>HthRhSc 3000 (1)</p> <p><i>(Intro to Health Prof)</i></p> <p>HthRhSc 5300 (3)</p> <p><i>(Mgt Principles & Human Resources for Health Care Professionals)</i></p> <p>HthRhSc 3400 (3)</p> <p><i>(Health Promotion/Disease Prevention)</i></p> <p>HthRhSc 5500 (4)</p> <p><i>(Intro to Pathophysiology)</i></p> <p>Major Electives/Minor Courses (6)</p> <p>Total (17)</p>	<p>Autumn</p> <p>HthRhSc 4000 (3)</p> <p><i>(Ethical Decision Making)</i></p> <p>HthRhSc 4400 (3)</p> <p><i>(Individual Differences in Client Populations)</i></p> <p>PubHEpi 2410 (3)</p> <p><i>(Introduction to Study of Populations)</i></p> <p>Science Elective (3)</p> <p>Major Electives/Minor Courses (3)</p> <p>GE (3)</p>
<p>Spring</p> <p>English 1110.01 (3)</p> <p>Chemistry 1220 (5)</p> <p>Biology 1113 (4)</p> <p>Sociology 1101 (3)</p> <p>Total (15)</p>	<p>Spring</p> <p>Statistics 1350 or 1450 (3)</p> <p>EEOB 2520 (3)</p> <p>Minor Course (3)</p> <p>Additional Course/s (3-6)</p> <p>Total (12-15)</p>	<p>Spring</p> <p>HthRhSc 5900 (3)</p> <p><i>(Research)</i></p> <p>HthRhSc 3500 (3)</p> <p><i>(Critical Phases of Life)</i></p> <p>HthRhSc 5370 (3)</p> <p><i>(Health Care Delivery)</i></p> <p>Patient/Client Elective (3)</p> <p>Major Electives/Minor Courses/GEs (3)</p>	<p>Spring</p> <p>HthRhSc 4370 (3)</p> <p><i>(Community and Policy Influence on Health Care)</i></p> <p>HthRhSc 4300 (3)</p> <p><i>(Contemporary Topics in Health and Society)</i></p> <p>Major Electives/Minor Courses/GEs (9)</p> <p>Total (15)</p>

MINOR The Health Sciences program requires that students complete a minor of their choice. Students interested in attending PA, Denti try, Optometry, or medical school should consider the Biology minor. More information on the 100+ available minors can be found [here](#).

ADDITIONAL INFORMATION

It is strongly recommended that prospective students schedule an appointment with their pre-HRS advisor. If you are not a pre-HRS student, you must complete an online major information session prior to meeting with a pre-HRS advisor. Further information can be accessed [online](#) under the future students tab. Prospective students such as baccalaureate degree-holders, transfer, international, or those that have time commitment issues such as student athletes and band members are strongly encouraged to meet with a pre-HRS advisor to discuss special circumstances which may apply.

Student Services Office
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9.2016

HEALTH SCIENCES ELECTIVES			
*HIGHLIGHTED COURSES HAVE AN ONLINE OPTION			
Course	Autumn	Spring	Summer
HTHRHSC 2200: CPR for Healthcare Professionals (1)	X		
HTHRHSC 2300: Service Learning in Vulnerable Communities (3)		X	
HTHRHSC 2530: The Evolving Art and Science of Medicine (3)	X	X	X
HTHRHSC 4189: Health Sciences Internship (1-3)	X	X	X
HTHRHSC 4450: Health Promotion in Practice (3) *pre-req HTHRHSC 3400	X		
HTHRHSC 4530: Nutrition for Fitness (3) *pre-req Chem 1110 or 1210 or Bio 1101 or 1113 or EEOB 2520	X	X	X
HTHRHSC 4570: The Role of Integrative Medicine (3)	X	X	
HTHRHSC 4600S: Health after Mid-Life (3)	X		
HTHRHSC 4470S: Teamwork and Leadership (3)		X	
HTHRHSC 4998: Undergraduate Research in Health Sciences (1-3)	X	X	X
HTHRHSC 5000: Interdisciplinary Case Management for Working with Underserved Populations (2)	X	X	
HTHRHSC 5550: Survey of Sports Medicine (3)		X	
HTHRHSC 5610: Death, Loss, and Grief in Multiple Perspectives (2)	X	X	X
HTHRHSC 5650: Aging and Public Policy Issues (3)	X		
HTHRHSC 5660: Long Term Care Services Across the Continuum (4) *pre-req HTHRHSC 5370 or 5650		X	
HIMS 5648: Microcomputer Application in the Health Sciences (2) online	X	X	
MedDiet 3100: Human Nutrition and Metabolism (3) *pre-rq Chem 1210 and 1220; and Bio 1101 or 1113 and Humntr 2310 or equivalents. (online)	X	X	X
Medlbs 5000: Medical Laboratory Microbiology I (3) *pre-req Microbio 4000, will need to be permissioned into course			
Medlbs 5050: Medical Laboratory Hematology (5) *no pre-req but will need to be permissioned into course	X		
Medlbs 5100: Microbiology II (3) *no pre-req but will need to be permissioned into course	X	X	
Medlbs 5150: Medical Laboratory Microscopy (2) * no pre-req but will need to be permissioned into course		X	
Medlbs 5200: Immunology (3) *No pre-req but will need to be permissioned into course.		X	
Medlbs 5250: Immunohematology (4) Pre-req Medlbs 5200 & 5050 *will need permission to enroll	X		
Medlbs 5300: Chemistry (5) Pre-req Chem 2510 & Biochem 4511 *will need permission to enroll	X		

CORE ELECTIVES (SELECT ONE FROM EACH GROUP)	Autumn	Spring	Summer
<u>PATIENT CLIENT</u>			
HTHRHSC 4320: Clinical Interviewing and Risk Assessment in Healthcare (3)	X		
HTHRHSC 4914: Group Education Process in Healthcare (3) *pre-req HTHRHSC 3400		X	
HTHRHSC 5350: Case Studies in Health Sciences (3)	X		
HTHRHSC 5600: Global Aging (3)			x
<u>SCIENCE</u>			
HTHRHSC 4350: Introduction to Legal Concepts in Healthcare (2) *pre-req HTHRHSC 5370		X	
HTHRHSC 4900: Evidence Based Research in Health Sciences (3)		X	
HTHRHSC 4950: Program Development and Evaluation for Health Sciences *pre-req HTHRHSC 3400		X	
HTHRHSC 5510: Pharmacological Aspects of Practice in Health & Rehabilitation Sciences (2) *pre-req Chem 1210 and EEOB 2520	X	X	X