

Status: PENDING

**PROGRAM REQUEST**  
Health Sciences Program

Last Updated: Lucey, Catherine Reinis  
02/24/2011

<b>Fiscal Unit/Academic Org</b>	School of Allied Medical Prof - D2504
<b>Administering College/Academic Group</b>	The College of Medicine
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
<b>Current Program/Plan Name</b>	Health Sciences Program
<b>Proposed Program/Plan Name</b>	Health Sciences Program
<b>Program/Plan Code Abbreviation</b>	HSPROG-BS
<b>Current Degree Title</b>	Bachelor of Science in Allied Health Professions

**Credit Hour Explanation**

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		182	121.3	120	1.3
Required credit hours offered by the unit	Minimum	71	47.3	47	0.3
	Maximum				
Required credit hours offered outside of the unit	Minimum	103	68.7	68	0.7
	Maximum				
Required prerequisite credit hours not included above	Minimum				
	Maximum				

**Program Learning Goals**

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

- Program Learning Goals**
- To communicate in a clear and effective with people from various socio-cultural backgrounds, both verbally and in writing.
  - To develop critical and creative thinking skills that will allow graduates to solve problems & intergrate a variety of perspectives, to use resources & research, & make infomred decisions about health care delivery & program implementation & review.
  - Intergrate evidence-based practice decision making and scholarship in making and prioritizing health care delivery.

**Assessment**

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? Yes

Summarize how the program's current quarter-based assessment practices will be modified, if necessary, to fit the semester calendar.

The HealthSciences Program was revised with approval by CAA in 2010. The program has very few changes other than adaption to semesters.

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**Program Specializations/Sub-Plans**

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

**Pre-Major**

Does this Program have a Pre-Major? Yes

**General Education and Program Prerequisites**

Students must complete the General Education Curriculum (GEC) before graduating from the University.

Writing and Related Skills (6 hours) Historical Study (3 hours)  
Literature and Arts (6 hours) Culture & Ideas or Historical Study or Social  
Mathematical and Data Analysis (6 hours) Science (3)  
Biological Sciences (3 hours) Open Courses (6 hours)  
Social Sciences (6 hours)

**Program Prerequisites**

Students who wish to apply for sophomore level admission should plan to have a minimum of a 3.5 cumulative grade point average to be competitive for admission and complete all sophomore level prerequisites by end of Year 1.

Students who wish to apply to the Junior level of the Health Sciences program must have completed at least 60 semester credit hours including all of the following program prerequisite courses or their equivalent with a C- or better by the end of Summer Quarter prior to enrollment in the professional program.

Prerequisites for sophomore level admission Prerequisites for junior level admission

Math 1148 or higher (in addition to the sophomore level prerequisites):

Psychology Physiology (EEOB 232)  
Biology Anatomy 2199  
Chemistry 121,122 Statistics 135 or 145  
Sociology Allied Med 500, HIMS 500, or Classics 210  
English 1110 Economics 200

**Attachments**

- SAMP Cover Letter & Transition Plan.pdf: Unit Letter and Transitional Policy  
*(Letter from Program-offering Unit. Owner: Robinson-Easter,Regina Marie)*
- Health Sciences Program Proposal 1-27-11shortened12811\_DL.docx: HS Proposal  
*(Program Proposal. Owner: Robinson-Easter,Regina Marie)*
- HealthSciName.pdf  
*(Other Supporting Documentation. Owner: Robinson-Easter,Regina Marie)*
- %COM Semester Conversion Letter 12 10 10.pdf  
*(Letter from the College to OAA. Owner: Lucey,Catherine Reinis)*

**Comments**

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Robinson-Easter,Regina Marie	02/03/2011 07:46 AM	Submitted for Approval
Revision Requested	Larsen,Deborah Sue	02/03/2011 09:45 AM	Unit Approval
Submitted	Robinson-Easter,Regina Marie	02/07/2011 02:36 PM	Submitted for Approval
Approved	Larsen,Deborah Sue	02/24/2011 11:20 AM	Unit Approval
Approved	Larsen,Deborah Sue	02/24/2011 11:22 AM	SubCollege Approval
Approved	Lucey,Catherine Reinis	02/24/2011 11:30 AM	College Approval
Pending Approval	Soave,Melissa A	02/24/2011 11:30 AM	CAA Approval



Office of the Dean  
College of Medicine

254 Meiling Hall  
370 West 9th Avenue  
Columbus, OH 43210  
Phone: 614.292.2600 / Fax: 614.292.4254

December 10, 2010

Randy Smith, PhD  
Vice Provost, Curriculum & Institutional Relations  
Office of Academic Affairs  
203 Bricker Hall  
CAMPUS

Dear Dr. Smith:

The College of Medicine submits for approval the following programs for semester conversion:

Baccalaureate Programs (School of Allied Medical Professions):

- 1) Athletic Training
- 2) Biomedical Sciences
- 3) Health Information and Management Systems
- 4) Health Sciences
- 5) Medical Dietetics
- 6) Medical Technology
- 7) Radiologic Sciences and Therapy with subprograms in Radiation Therapy, Radiography and Sonography
- 8) Respiratory Therapy

Minors:

- 1) Integrated Determinants of Health (School of Allied Medical Professions)
- 2) Anatomy (School of Biomedical Sciences, Dept. of Biomedical Informatics)

Masters Degree Programs:

- 1) Masters of Occupational Therapy (School of Allied Medical Professions)
- 2) MS in Allied Medical Professions (School of Allied Medical Professions)
- 3) MS in Anatomy (School of Biomedical Sciences, Department of Biomedical Informatics)
- 4) MS in Medical Sciences (College of Medicine)
- 5) MS in Pathology (School of Biomedical Sciences, Dept of Pathology)
- 6) MS in Pharmacology (School of Biomedical Sciences, Dept. of Pharmacology)

Doctoral Degree Programs:

- 1) Doctor of Physical Therapy [DPT] (School of Allied Medical Professions)
- 2) Doctor of Medicine [MD] (College of Medicine)

- 3) PhD in Health and Rehabilitation Sciences (School of Allied Medical Professions)
- 4) PhD in Integrated Biomedical Sciences [IBGP] (School of Biomedical Sciences)
- 5) PhD in Anatomy (School of Biomedical Sciences, Dept. of Biomedical Informatics)

Each program proposal has been carefully developed with considerable curricular review and appropriate unit approval; letters delineating the process and approval accompany each template. At the College level, all proposals have been reviewed and approved through the College's Curriculum Review process. Accordingly, each program has developed a transition plan that will allow students that maintain good academic standing to complete their respective program without delay due to the semester conversion. These transition plans are included with each program template. The course templates for all courses have also been submitted for approval. Please contact me or Deborah S. Larsen, our semester conversion coordinator, with any questions; specific questions regarding individual templates may be directed through Dr. Larsen to the appropriate contact person. Contact information is as follows:

Catherine R. Lucey, MD, FACP  
Phone: 688-3104  
e-mail: [Catherine.lucey@osumc.edu](mailto:Catherine.lucey@osumc.edu)

Deborah S. Larsen, PhD  
Phone: 292-5645  
e-mail: [Deborah.larsen@osumc.edu](mailto:Deborah.larsen@osumc.edu)

Thank you for the review of these materials.

Sincerely,



Catherine R. Lucey, MD, FACP  
Interim Dean and Vice Dean of Education  
The Ohio State College of Medicine



January 25, 2011

Catherine R. Lucey, MD  
Interim Dean and Vice Dean for Education  
College of Medicine  
260 Meiling Hall  
CAMPUS

Dear Dr. Lucey:

On behalf of the School of Allied Medical Professions, I am pleased to submit the semester conversion plans for the following programs:

Certificates:

- 1) Health Information Management and Systems
- 2) Medical Technology – proposed name change to Medical Laboratory Sciences
- 3) Respiratory Therapy

Baccalaureate (BS in Allied Health)

- 1) Athletic Training – degree change to BS in Athletic Training
- 2) Biomedical Sciences
- 3) Health Information Management and Systems
- 4) Health Sciences
- 5) Medical Dietetics
- 6) Medical Technology – proposed name change to Medical Laboratory Sciences
- 7) Radiation Therapy
- 8) Radiography
- 9) Respiratory Therapy

Graduate

- 1) Masters of Occupational Therapy (MOT)
- 2) Masters of Science in Allied Medical Professions (MS)
- 3) Doctor of Physical Therapy (DPT)
- 4) Doctor of Philosophy in Health and Rehabilitation Sciences (PhD)

Minor:

- 1) Integrated Determinants of Health

The conversion of each of these programs was initiated through two School-wide retreats, comprehensive curriculum mapping, conducted by our Executive Committee, and multiple working groups within and between programs. Each curriculum was reviewed and revised consistent with current healthcare practice and, for many, their accreditation criteria. For the undergraduate programs, working groups revised and amended our elective core courses; it was recommended that each program enroll students in the core courses rather than teach individual unit courses, which was done by all programs, consistent with content needs. Our entry-level graduate programs (Occupational Therapy and Physical Therapy), also developed a core evidence-based practice sequence to encourage collaborative problem-solving among students in those two programs. One course, AM 5000 "Strategies for Interprofessional Case Management", is a new elective course that will provide interdisciplinary case management exposure to students from all of the programs in the School; due to the high number of credits within each curriculum, this course is recommended but not required. Each curriculum was approved by the faculty within the respective program and by the School's curriculum committee on the following dates:

- 1) Respiratory Therapy – approved 7/14/2010
- 2) Medical Technology – approved 8/5/2010
- 3) Medical Dietetics – approved 8/11/2010
- 4) Radiologic Sciences & Therapy – approved 8/11/2010
- 5) Occupational Therapy – approved 8/11/2010
- 6) Biomedical Sciences – approved 8/18/2010
- 7) Physical Therapy – approved 8/19/2010
- 8) Athletic Training – approved 9/15/2010
- 9) MS in Allied Medicine – approved 9/15/2010
- 10) PhD in Health and Rehabilitation Sciences – approved 9/15/2010
- 11) Health Information Management and Systems – approved 9/22/2010

In reviewing the clinical experiences of students in each program, it was noted that there was no standard credit hour allocation for the full or part-time clinical experiences. Our Executive Committee voted unanimously to impose a consistent credit hour allocation, based on the following formula: Full-time (40hr/week, 14 weeks) = 12 credits for undergraduate and 8 for graduate programs; 20 hr/week = 6 credits for undergraduate, 4 for graduate; 10 hr/wk = 3 credits for undergraduate and 2 for graduate; and so on. Some programs have implemented 7 week clinical experiences that follow the same proportional allocation (i.e. 7 week, full time = 6 credits). This change often distorted the 2/3 conversion formula, since historically clinical experiences were under-credited; however, all programs were converted with minimal changes and have indicated such within their program templates.

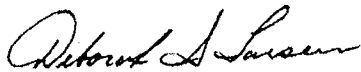
In concert with the semester conversion, there are two program specific requests:

- 1) The Athletic Training program is requesting to change the degree awarded from Allied Health to Athletic Training to meet accreditation requirements;
- 2) The Medical Technology program is requesting to change the name of their program to Medical Laboratory Science, which is consistent with their licensure and accreditation recommendations.

These changes have been approved by the School's Executive Committee by unanimous vote on 12-7-10 and the Faculty Council on 1-21-11.

If you should have any questions or concerns, please feel free to contact me directly.

Sincerely,



Deborah S. Larsen, PhD  
Director, School of Allied Medical Professions  
Associate Dean, College of Medicine  
614-292-5645  
deborah.larsen@osumc.edu

Health Sciences Program Proposal

Courses that constitute the requirements of the program

Department	Title	Proposed Course Number	Credit Hours
Allied Medicine	Medical Terminology*	2500	3
Allied Medicine	Management Principles and Human Resources for Health Professionals	5300	3
Allied Medicine	Research Design in Biomedical Sciences	5900	3
Allied Medicine	Intro to Health Prof	3000	3
Allied Medicine	Health Promotion & Disease Prevention	3400	3
Allied Medicine	Ethical Decision making	4000	3
Allied Medicine	Critical Phases of Life	3500	3
Allied Medicine	Individual Differences in Client Population	4400	3
Allied Medicine	Community and Policy Influence in Health Sciences	4350	3
Allied Medicine	Contemporary Topics in Health and Society	4300	3
Allied Medicine	Introduction to Pathophysiology	5500	4
Allied Medicine	US Health Care Policy and Delivery	5370	3
Anatomy	Basic Human Anatomy*	2199	4
Biology	Energy Transformation and Development	1113	4
Evolution, Ecology & Organismal Biology	Introductory Physiology		3
Chemistry	General Chemistry I		5
Chemistry	General Chemistry II		5
Economics	Principles of Microeconomics	2001	3
English	Writing Level 1	1110	3
Math	Algebra and Trigonometry and Their Applications	1148	4
Psychology	General Psychology*		3
Sociology	Introductory Sociology*		3
Statistics	Introduction to Practice in Statistics	1135 or 1145	3
Pubh- Epi	Introduction to study of Populations		3
Major Electives	Courses Available on Attachment II		12
Minor	Student Choice		12
General Education Courses	Writing Level 2; Literature, Arts, Historical Study and coursework listed above		12
Free Electives			3

\*Estimate of title from previous course and estimate of credit hours



Curriculum Map

Required Courses (offered by unit)	Program Learning Goals		
	Goal 1 Communicate	Goal 2 Decision making	Goal 3 Evidence-based practice
Allied Medicine 300	Beginning		
Allied Medicine 2500/Classics 210	Beginning		
Allied Medicine 5900			Beginning
Allied Medicine 5300	Beginning	Beginning	
Allied Medicine 3400	Beginning	Beginning	
Allied Medicine 5500		Beginning	Beginning
Allied Medicine 3500	Beginning	Beginning	
Allied Medicine 5370	Beginning	Beginning	
Allied Medicine 4000		Intermediate	Intermediate
Allied Medicine 4400	Intermediate		
Pubh - Epi 510	Intermediate	Intermediate	Intermediate
Allied Medicine 3400	Advanced	Advanced	Advanced
Allied Medicine - new	Advanced	Advanced	
<b>Major Electives</b>			
Allied Medicine 430	Intermediate	Beginning	Beginning
Allied Medicine 5610	Intermediate		
Allied Medicine 4570	Advanced	Advanced	Advanced
Allied Medicine Pharmacology	Intermediate	Intermediate	
Allied Medicine 4600	Advanced	Advanced	
HIMS 4350	Advanced	Advanced	
Allied Medicine 5650	Advanced	Advanced	
Allied Medicine 5350			Advanced
Allied Medicine 4900			Advanced
Allied Medicine 4950		Advanced	Advanced
Allied Medicine 4450	Advanced	Advanced	
Allied Medicine 4320	Advanced	Advanced	Advanced
Allied Medicine 4470	Advanced	Advanced	
HIMS 5648		Intermediate	
Allied Medicine 4189	Advanced	Advanced	Advanced
<b>Required Courses (offered outside the unit)</b>			
Math 1148		Beginning	
Chemistry		Beginning	
Chemistry		Beginning	
English 1110	Beginning		
Psychology		Beginning	
Sociology		Beginning	
Biology 1113		Beginning	

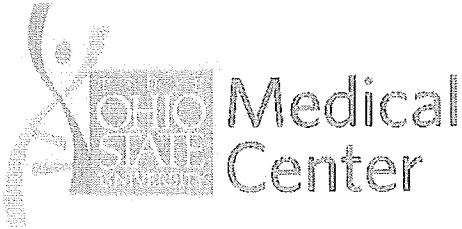
Statistics 1135/1145		Beginning	
Anatomy 2199		Beginning	
Economics 2001		Beginning	
EEOB 232		Beginning	
<b>Elective Courses</b> None			
<b>General Education courses</b>			
Writing Level II	Intermediate		
Literature	Beginning		
Arts	Beginning		
Historical Study	Beginning		

10. Rationale for Proposed Program Changes

The Health Sciences Program was revised and the revision approved by CAA in 2010. The program has very few changes other than adaption to semesters from the approved curriculum.

TRANSITION POLICY

The School's transition policy applies to the Health Sciences program with the exception that a C- in a non-sequenced course will not prevent continuation in the program, but the course will need to be retaken and satisfactorily completed; a C- in a sequenced course will prevent continuation in the sequence until the failed course is retaken with a C- or better. All other coursework may be continued without disruption. Most courses are only offered once per academic year, so delay in graduation may occur while the failed course and subsequent courses in the series are completed.



School of Allied Medical Professions  
Medical Dietetics  
Health Sciences

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453 West Tenth Avenue  
Columbus, OH 43210-1234  
Phone: 614-292-0635 / Fax: 614-292-0210  
[www.amp.osu.edu](http://www.amp.osu.edu)

February 4, 2011

Office of Academic Affairs  
203 Bricker Hall  
190 North Oval Mall  
Columbus, Ohio 43210

Dear Office of Academic Affairs:

The Health Sciences program was redesigned and approved by CAA in 2010. The program has approximately 200 students. The Health Sciences courses were originally listed as Allied Medicine courses. With the semester conversion, the Health Sciences program would like to request a change in the course designation for 14 courses specifically used in the Health Sciences Program. The abbreviation requested is HLTH SCI and the 14 courses to be included are: 3000, 4300, 4370, 3400, 4400, 4189, 4300, 4450, 4470, 4530, 4600, 4900, 4950, and 5350

If you have any questions, please do not hesitate to call or e-mail me at 292-8131 or [Wolf.4@osu.edu](mailto:Wolf.4@osu.edu).

Thank you for your consideration for this change.

Sincerely,

Kay N. Wolf, PhD  
Director – Health Sciences Program  
Associate Professor – Allied Medicine

Deborah S. Larsen, PhD  
Director School of Allied Medical Professions  
Associate Dean, College of Medicine

## HEALTH SCIENCES - QUARTERS

The School of Allied Medical Professions (SAMP) is a school in The Ohio State University College of Medicine. SAMP is nationally recognized as a leader in practice-based health care education. For more than five decades, SAMP 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 the student who plans to apply to a graduate professional program in Occupational Therapy, Physical Therapy, Medicine, Public Health, Hospital/Health Services Administration, Dental, Optometry, Nursing, Veterinary Medicine, Medical Dietetics and/or another graduate of their choice upon graduation. The program provides an introduction to the organization and delivery of healthcare as well as general education. Graduates will be prepared for graduate education or graduation professional education or a health-related career.

### ADMISSION & APPLICATION PROCEDURES

Applicants must meet the following minimum requirements and submit requested materials to be considered for admission. The Application deadline for Autumn 2010 professional admissions is **March 1, 2010**.

1. An electronic application is available online at <http://www.professional.osu.edu/alliedmed.asp> which should be completed and submitted with all required supplemental documents.
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 typically higher than a 3.0
3. Completion of prerequisite courses by the end of Summer quarter prior to enrollment in the professional program.
4. A personal interview may be requested by the division.

### DEGREE REQUIREMENTS

A minimum total of 182 quarter credit hours, including all general graduation requirements, general education curriculum, program prerequisites, and professional curriculum.

#### General Education Curriculum and Program Prerequisites (79-95 hours)

Students must complete the General Education Curriculum (GEC) before graduating from the University.

Writing and Related Skills (10 hours)	Historical Study (10 hours)
Mathematical and Logical Analysis (9-10 hours)	Art and Humanities (10 hours)
Natural Sciences (20 hours)	Breadth Courses (10 hours)
Social Sciences (10 hours)	Diversity Courses (0-15 hours)

#### Program Prerequisites

Students who wish to apply for sophomore level admission should plan to have a minimum of a 3.5 cumulative grade point average to be competitive for admission and complete all sophomore level prerequisites by end of Year 1.

Students who wish to apply to the Junior level of the Health Sciences program must have completed at least 90 quarter credit hours including all of the following program prerequisite courses or their equivalent with a C- or better by the end of Summer Quarter prior to enrollment in the professional program.

#### *Prerequisites for sophomore level admission*

Math 148 or higher  
 Psychology 100  
 Biology 113  
 Chemistry 121  
 Chemistry 122

#### *Prerequisites for junior level admission*

*(in addition to the sophomore level prerequisites):*

EEOB 232  
 Anatomy 199.04  
 Statistics 135 or 145  
 Allied Med 500, HIMS 500, or Classics 210  
 Economics 200  
 Sociology 101



**Professional Curriculum (91-98 hours)**

The professional curriculum includes courses available to students who have been admitted to the professional program. The Professional Curriculum consists of Core Courses, Major Electives, and a required minor. Students may complete the coursework on a part-time basis, however courses are typically offered once per academic year. Students may have the opportunity to complete 8 credit hours of Free Electives.

**SUGGESTED SCHEDULING PLAN**

The following plan demonstrates how students may complete the Health Sciences program in 12 quarters. The quarter 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 will begin Professional coursework (Year 3) in Autumn 2010.

<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Year 4</i>
<b>Autumn</b> Allied Med 100 (1) Math 148 or higher (4-5) Psychology 100 (5) GEC (5)  Total (15-16)	<b>Autumn</b> Anatomy 199.04 (5) Economics 200 (5) GEC (5)  Total (15)	<b>Autumn</b> Allied Med 102 (2) Allied Med 630 (3) Allied Med 640 (4) Allied Med 505 (3) Minor course (3)  Total (15)	<b>Autumn</b> Allied Med 672 (3) Allied Med 655 (3) HIMS 635 (4) Major Electives or Minor courses (5)  Total (15)
<b>Winter</b> Chemistry 121 (5) Sociology 101 (5) GEC (5)  Total (15)	<b>Winter</b> EEOB 232 (5) GEC (5) Major Electives or Minor courses (6)  Total (16)	<b>Winter</b> Allied Med 506 (3) Allied Med 680.01(3) Allied Med 591(3)** Major Electives or Minor courses (6) *Free Electives (0-3)  Total (15-18)	<b>Winter</b> Pubh-Epi 510 (4) Major Electives or Minor courses (9)  Total (13)
<b>Spring</b> Chemistry 122 (5) Biology 113 (5) English 110 (5)  Total (15)	<b>Spring</b> Statistics 135 or 145 (5) Allied Med 500 (3) GEC (5) Major Electives or Minor courses (5)  Total (18)	<b>Spring</b> Allied Med 425 (3) Allied Med 642 (4) Major Electives or Minor courses (7) *Free Electives (0-5)  Total (16-19)	<b>Spring</b> Allied Med 644 (3) Allied Med 694 (3) HIMS 620 (3) Major Elective or Minor courses (6)  Total (15)

\*Free Electives needed only if student needs hours to reach 182 credit hours

\*\*Allied Med 591 can be taken Autumn

**ADDITIONAL INFORMATION**

It is strongly recommended that prospective students attend an information session or schedule an appointment with an academic advisor in the Office of Student Affairs. Detailed information can be accessed online at [www.amp.osu.edu](http://www.amp.osu.edu). Baccalaureate degree holders, transfer, international, and student athletes are strongly encouraged to meet with an advisor in the Office of Student Affairs to discuss special circumstances which may apply.

Kay Wolf, PhD.  
 Director, Division of Medical Dietetics and Health Science  
 306 Atwell Hall  
 453 West 10<sup>th</sup> Avenue  
 Columbus, Ohio 43210  
 614-292-0635  
[wolf.4@osu.edu](mailto:wolf.4@osu.edu)

Office of Student Affairs  
 School of Allied Medical Professions  
 127 Atwell Hall  
 453 West 10<sup>th</sup> Avenue  
 Columbus, Ohio 43210  
 614-292-1706  
[sampstudentaffairs@osumc.edu](mailto:sampstudentaffairs@osumc.edu)

**Health Sciences Program**  
**School of Allied Medical Professions**

**Major Electives (20-22 required):** All courses listed are currently available.

<b>Department</b>	<b>Title</b>	<b>Credits</b>	<b>Description</b>
<b>Domain: Biomedical Sciences and Health</b>			
AMP 430	Nutrition and Fitness	U3	Introduction to the basic principles of nutrition as they relate to exercise performance and body composition of athletes and the physically active.
AMP 601	Death, Loss & Grief from Multiple Perspectives	U3	Exploration of death, loss and grief from multiple perspectives: patient, family, institutional, community and health care provider.
AMP 607	Role of Integrative Medicine in Society	U5	A research-based analysis of the intersection between evidence-based medicine and complementary and alternative approaches to wellness, as defined by the National Institutes of Health.
AM 665	Understanding the Aging Process	U3	Study of physical and mental health components of normal aging with emphasis on critical components of successful aging, presented as basis for delivery of health services.
<b>Domain: Principles of Health Care Systems</b>			
HIMS 544	Legal Principles for Health Managers	U3	Legal system, hospital and professional liability, and legal requirements affecting the operations of healthcare organizations.
AMP 622	Human Resources	U3	Emphasis on human resource development in health care institutions and related settings.
AMP 660	Healthcare Finance	U3	Overview of major financial issues in healthcare delivery including assessment of financial environment, financial statements, ratio analysis, managed care, payment systems, and capital project analysis.
AMP 667	Aging & Public Policy	U3	Examines major policy issues of an aging society, overview of the legislative process, and a focus on citizen participation in the policy process.
<b>Domain: Healthcare Evaluation and Outcomes</b>			
HIMS 695b	Cause Analysis in Quality Improvement	U3	
AMP 696	Seminar for Program Assessment, Development & Evaluation for Health Sciences	U3	Review of needs assessment theory, concepts of economic analysis, quality of life and clinical outcomes given scarce program resources and creation of a development and evaluation plan.

**Domain: Personalized Healthcare**

AMP 643	Advanced Methods in Health Promotion & Practice	U4	
AMP 635	Allied Health Professional Clinical Interviewing	U3	Emphasis on interviewing/counseling techniques and communication skills in health care with major emphasis on current techniques including readiness to learn, motivational interviewing, and listening skills.
AMP 645	Health Risk Assessment	U3	Study and application of health risk assessment theory, methods, and tools as a component of health promotion and disease prevention incorporating wellness and prevention strategies.
AMP 670	Teamwork and Leadership in Health & Wellness	U4	Students will gain a better understanding of leadership and team-building through experience in health-related projects.

**Domain: Health Information Literacy**

AMP 650	Information Systems in Healthcare	U3	Survey of patient, administrative and financial information systems in health care, and the technologies and management practices to support them.
HIMS 654	Health Information Systems: Planning & Design	U3	Focus on structured systems analysis techniques including database design for health information systems.
HIMS 648	Microcomputer Applications in the Health Sciences	U3	Overview of microcomputer applications in health sciences with practical applications related to discipline specific needs.

**Required Minor**

- The Health Sciences program requires completion of a Minor.
- A minor typically consists of 20+ credit hours, and sometimes can overlap with a GEC course.
- The minor and Health Sciences major are only allowed to have 1 course overlap.
- A listing of minors can be found at: <http://artsandsciences.osu.edu/students/minors>



## HEALTH SCIENCES SEMESTERS

## STUDENTS ENTERING SUMMER 2012 OR LATER

The School of Allied Medical Professions (SAMP) is located 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, SAMP 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 the student who plans to apply to a graduate professional program in 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 program provides an introduction to the organization and delivery of healthcare as well as general education. Graduates will be prepared for graduate and professional education or a health-related career.

**ADMISSION & APPLICATION PROCEDURES**

Applicants must meet the following minimum requirements and submit requested materials to be considered for admission. The Application deadline for Autumn 2012 professional admissions is **March 1, 2012**.

5. An electronic application is available online at <http://www.professional.osu.edu/alliedmed.asp> which should be completed and submitted with all required supplemental documents.
6. 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 typically higher than a 3.0.
7. Completion of prerequisite courses by the end of Summer semester prior to enrollment in the professional program is required.
8. A personal interview may be requested by the division.

**DEGREE REQUIREMENTS**

A minimum total of 120 semester credit hours, including all general graduation requirements, general education curriculum, program prerequisites, and professional curriculum are required.

**General Education and Program Prerequisites**

Students must complete the General Education Curriculum (GEC) before graduating from the University.

Writing and Related Skills (6 hours)	Historical Study (3 hours)
Literature and Arts (6 hours)	Culture & Ideas or Historical Study or Social Science (3)
Mathematical and Data Analysis (6 hours)	Open Courses (6 hours)
Biological Sciences (3 hours)	
Social Sciences (6 hours)	

**Program Prerequisites**

Students who wish to apply for sophomore level admission should plan to have a minimum of a 3.5 cumulative grade point average to be competitive for admission and complete all sophomore level prerequisites by end of Year 1.

Students who wish to apply to the Junior level of the Health Sciences program must have completed at least 60 semester credit hours including all of the following program prerequisite courses or their equivalent with a C- or better by the end of Summer Quarter prior to enrollment in the professional program.

***Prerequisites for sophomore level admission***

Math 1148 or higher  
Psychology  
Biology  
Chemistry 121,122  
Sociology  
English 1110

***Prerequisites for junior level admission***

*(in addition to the sophomore level prerequisites):*  
Physiology (EEOB 232)  
Anatomy 2199  
Statistics 135 or 145  
Allied Med 500, HIMS 500, or Classics 210  
Economics 200



**Professional Curriculum**

The Professional Curriculum includes courses available to students who have been admitted to the professional program. The Professional Curriculum consists of Core Courses, Major Electives, and a required minor. Students may complete the coursework on a part-time basis, however courses are typically offered once per academic year. Students may have the opportunity to complete 3 credit hours of Free Electives.

**SUGGESTED SCHEDULING PLAN**

The following plan demonstrates how students may complete the Health Sciences program in 8 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 will begin Professional coursework (Year 3) in Autumn 2012.

**Health Science**

Year 1	Year 2	Year 3	Year 4
Allied Medicine 1000	Anatomy 2199 (Basic Human Anatomy)	Allied Medicine 102 (Intro to Health Prof)	Allied Medicine 672 (Ethical Decision Making)
Math 1148 or higher (Algebra and Trig)	Economics 2001 (Microeconomics)	Allied Medicine 630 (Intro to Health Mgt & HR)	Allied Medicine 655 (Individual Differences in Client Populations)
Chemistry 121 (General Chemistry w/lab)	Allied Medicine 500	Allied Medicine 640 (Health Promotion & Disease Prevention)	Pubh-Epi 510 (Introduction to study of Populations)
Psychology 100 (General Psychology)	General Education	Allied Medicine 505 (Principles of Disease)	Major Electives or Minor Courses
English 1110 (English Composition)	Major Elective or Minor Course	Minor Course	
		Major Elective	
Total 16	Total 16	Total 16	Total 15
Chemistry 122 (General Chemistry w/lab)	Stat 1135 or 1145 (Introduction to Statistics)	Allied Medicine 506 (Principles of Disease)	Allied Medicine 644 (Community Influence and Allied Medicine)
Sociology 101 (Introductory Sociology)	Evolution, Ecology, and Organismal Biology 232 (Introductory Physiology)	Allied Medicine 680 (Research)	Allied Medicine ? (Contemporary Topics in Health and Society)
Biology 1113 (Energy Transfer & Dev)	General Education	Allied Medicine 425 (Critical Phases of Life)	Major Electives or Minor Courses/General Education
General Education	Elective	Allied Medicine 591 (Health Care Delivery)	
	Minor Course	Major Elective or Minor Course	
Total 15	Total 15	Total 15	Total 15

**ADDITIONAL INFORMATION**

It is strongly recommended that prospective students attend an information session or schedule an appointment with an academic advisor in the Office of Student Affairs. Detailed information can be accessed online at [www.amp.osu.edu](http://www.amp.osu.edu). Baccalaureate degree holders, transfer, international, and student athletes are strongly encouraged to meet with an advisor in the Office of Student Affairs to discuss special circumstances which may apply.

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**Health Sciences Program  
School of Allied Medical Professions**

**Core Requirements (Credit Hours):** All courses are currently available

<b>Department</b>	<b>Title</b>	<b>Credits</b>	<b>Description</b>
<b>Domain: Biomedical Sciences and Health</b>			
AMP 102	Introduction to Health Professions	U1	
AMP 425	Critical Phases of Life	U3	An examination of human's development from conception to death and factors critical to continuing health.
AMP 505	Principles of Disease I	U3	Basic pathophysiology and its application to the organ systems
AMP 506	Principles of Disease II	U3	Continuation of AMP 505
<b>Domain: Principles of Healthcare Systems</b>			
AMP 591	Health Care Delivery	U3	An examination of the roles of public and private organizations in planning and supporting health care, including study of health trends, social legislation, and current professional issues.
AMP 630	Management Principles for Health Professionals	UPG3	An analysis of the management process and its application to the health care setting
AMP 672	Application of Ethical Decision Making in Health Care	U3	Examination of ethical theories, bioethical principles, personal ethics, and ethical decision making using a six-step model for application in allied health professions.
AMP694	Advanced Topics in Health Sciences	U3	Contemporary topics in health and society
AMP 644	Community Influence and Allied Medicine	U3	A review of community policy and its effects on the health sciences
<b>Domain: Healthcare Planning, Evaluation and Outcomes</b>			
AMP 680	Research Design in Biomedical Sciences	U3	Concepts related to initiating and conducting research; experimental design; use of computer graphics and statistics; and analysis of research reports.

Pubh_Epi510	Epidemiology	U3	Introduction to the study of population health; history, methods, applications, and issues in epidemiology.
<b>Domain: Personalized Health Care</b>			
AMP 640	Health Promotion and Disease Prevention	U3	Programs in acute care institutions are examined as a means of marketing services, reducing health care costs and changing the roles of allied health practitioners.
AMP 655	Individual Differences in Patient/Client Populations	U3	Examination of individual differences in patient/client populations from multiple perspectives of disability, chronic disease, healthcare disparity, culture and the impact on health and wellness.

**Major Electives (12 credits required):** All courses listed are currently available.

Department	Title	Credits	Description
<b>Domain: Biomedical Sciences and Health</b>			
AMP 430	Nutrition and Fitness	U3	Introduction to the basic principles of nutrition as they relate to exercise performance and body composition of athletes and the physically active.
AMP 601	Death, Loss & Grief from Multiple Perspectives	U3	Exploration of death, loss and grief from multiple perspectives: patient, family, institutional, community and health care provider.
AMP 607	Role of Integrative Medicine in Society	U3	A research-based analysis of the intersection between evidence-based medicine and complementary and alternative approaches to wellness, as defined by the National Institutes of Health.
AM 665	Understanding the Aging Process	U3	Study of physical and mental health components of normal aging with emphasis on critical components of successful aging, presented as basis for delivery of health services.
AM ?	Pharmacology	U2	??
<b>Domain: Principles of Health Care Systems</b>			
HIMS 544	Legal Principles for Health Managers	U3	Legal system, hospital and professional liability, and legal requirements affecting the operations of healthcare organizations.
AMP 660	Healthcare Finance	U3	Overview of major financial issues in healthcare delivery including assessment of financial environment, financial statements, ratio analysis, managed care, payment systems, and capital project

analysis.

HIMS 620	Healthcare Reimbursement	U3	Principles of clinical reimbursement based classification systems with emphasis on utilization review in acute and managed care environments
AMP 667	Aging & Public Policy	U3	Examines major policy issues of an aging society, overview of the legislative process, and a focus on citizen participation in the policy process.

**Domain: Healthcare Planning, Evaluation and Outcomes**

HIMS 635	Quality Improvement in Healthcare	U3	History, development and application of quality management including utilization review and outcomes measurement in health care. Survey of tools and techniques.
HIMS 695b	Cause Analysis in Quality Improvement	U3	
AMP 642	Evidence Based Research in Health Sciences	U3	
AMP 696	Seminar for Program Assessment, Development & Evaluation for Health Sciences	U3	Review of needs assessment theory, concepts of economic analysis, quality of life and clinical outcomes given scarce program resources and creation of a development and evaluation plan.

**Domain: Personalized Healthcare**

AMP 643	Advanced Methods in Health Promotion & Practice	U3	
AMP 645	Health Risk Assessment and Clinical Interviewing	U3	Study and application of health risk assessment theory, methods, tools and clinical interviewing as a component of health promotion and disease prevention incorporating wellness and prevention strategies.
AMP 670	Teamwork and Leadership in Health & Wellness	U3	Students will gain a better understanding of leadership and team-building through experience in health-related projects.

**Domain: Health Information Literacy**

AMP 650	Information Systems in Healthcare	U3	Survey of patient, administrative and financial information systems in health care, and the technologies and management practices to support them.
HIMS 654	Health Information Systems: Planning & Design	U3	Focus on structured systems analysis techniques including database design for health information systems.

HIMS 648	Microcomputer Applications in the Health Sciences	U3	Overview of microcomputer applications in health sciences with practical applications related to discipline specific needs.
<b>Other:</b> AMP 600	Health Sciences Internship	U1-3	Experience and on-the-job learning in health management, health and wellness or related work settings

**Required Minor**

- The Health Sciences program requires completion of a Minor.
  - A minor typically consists of 12+ credit hours, and sometimes can overlap with a GEC course.
  - The minor and Health Sciences major are only allowed to have 1 course overlap.
- A listing of minors can be found at: <http://artsandsciences.osu.edu/students/minors>