UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Anna Ciulla phone number x8595

Department: Medical Laboratory Sciences email address aciulla@udel.edu

Date: 11/27/12

Action: add concentration
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term 13F
(use format 04F, 05W)

Current degree BS
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: BS
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: Pre-Physician Assistant Concentration
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

Revising or Deleting:

Undergraduate major / Concentration: **Medical Diagnostics – Pre-Physician Assistant (BS)**
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor:
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change:
(**Must attach** your Graduate Program Policy Statement)

Graduate Program of Study:
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration:

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

None.

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: http://www2.udel.edu/gened/

1. Attain effective skills in oral and written communication, quantitative reasoning, and the use of information technology. (Second writing course, MATH, STAT 408)
2. Engage questions of ethics and recognize responsibilities to self, community, and society at large. (HLTH 241)
3. Develop the intellectual curiosity, confidence, and engagement that will lead to lifelong learning. (MEDT 462)
4. Develop the ability to integrate academic knowledge with experiences that extend the boundaries of the classroom. (MEDT 462)
5. Utilize scientific principles as applicable for the healthcare arena and apply such to thinking critically for the purpose of problem solving. (MEDT courses)

Identify other units affected by the proposed changes:
(Attach permission from the affected units. If no other unit is affected, enter "None")

Support comments attached from:
Psychology
Behavioral Health and Nutrition

Describe the rationale for the proposed program change(s):
(Explain your reasons for creating, revising, or deleting the curriculum or program.)

There is strong current demand for a curriculum that identifies with Pre-Physician Assistant and soundly prepares students for entry into a physician assistant graduate program. The role of the physician assistant has grown tremendously in the past 10 years, and the Bureau of Labor Statistics indicates a 30 percent increase in positions from 2010 to 2020. This is a much faster than average rate of increase, as it is anticipated that a greater number of primary healthcare providers will be required in the future, with this role being filled by physician assistants.

We propose launching the described concentration of Pre-Physician Assistant in Fall 2013. The concentration is designed for completion in three years (in the case of an articulation agreement with a graduate program at another university), or in four years if additional major requirements and elective courses are incorporated.

The following background information is included. The College of Health Sciences currently has a successful pre-occupational therapy concentration in the major of Health Studies. This articulated program enables students to earn both the Bachelor of Science (B.S.) and the Master of Science (M.S.) degrees in five and a half years. Students spend the first three years at the University of Delaware and then proceed to Jefferson College of Health Professions for the final two and a half years of graduate Occupational Therapy coursework. The proposed concentration in Pre-Physician Assistant is being modeled to parallel the existing occupational therapy concentration. Jefferson is preparing to launch a new graduate program for training physician assistants, and they have asked the College of Health Sciences to develop a three-year preparatory program for an articulated degree. While the Jefferson program will not be available for at least two more years, our plan is to approach other physician assistant programs in the area in the near future with the intention of developing articulation agreements.

Thus, we see this concentration as a rigorous curriculum that will prepare students for graduate education as a physician assistant through the completion of a four-year major or an articulated degree program.

Program Requirements:

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.)

PRE-PROFESSIONAL CONCENTRATION FOR PHYSICIAN ASSISTANT

DEGREE: BACHELOR OF SCIENCE
MAJOR: MEDICAL DIAGNOSTICS
CONCENTRATION: PRE-PHYSICIAN ASSISTANT

The concentration in Pre-Physician Assistant is designed to include the course prerequisites required for admission to physician assistant graduate programs. Completion of the concentration does not guarantee entry into a physician assistant program. Students should familiarize themselves with the requirements of physician assistant programs to which they may apply. Students may declare the concentration following completion of sophomore year.

CURRICULUM	CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing (Minimum grade of C-) 3

First Year Experience (FYE)

- MEDT 100 Introduction to Medical Laboratory Science (required major course)

Discovery Learning Experience (DLE)

- MEDT 462 (required major course)

Multi-cultural Course

- Choose from Approved List (One of the courses taken to satisfy the breadth requirements also may satisfy the multicultural course requirement.)

University Breadth Requirements (Minimum grade of C-)

Creative Arts and Humanities

- HLTH 241 Ethical Aspects of Healthcare (required major course)

History and Cultural Change

- Choose From Approved List 3

Social and Behavioral Sciences

- PSYC 100 General Psychology (required major course)

Math, Natural Science & Technology

- NTDT 200 Nutrition Concepts (required major course)

Additional Breadth Requirements

From the list of University breadth courses, an additional nine credits must be taken to meet the requirements for the concentration; subject areas may be from the same discipline.

Creative Arts and Humanities	3
History and Cultural Change	3
Social and Behavioral Sciences	3

MAJOR REQUIREMENTS (77-78 credits) (Minimum grade of C- in each MEDT course)

Second Writing Course (Minimum grade of C-) 3

- A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 45 credit hours. (One of the courses taken to satisfy the breadth requirements also may satisfy the second writing course requirement. See list of courses approved for second writing requirement.)

BISC 207	Introductory Biology I	4
BISC 208	Introductory Biology II	4
BISC 300	Introduction to Microbiology	4
CHEM 103	General Chemistry	4
CHEM 104	General Chemistry	4
CHEM 321	Organic Chemistry	4
CHEM 322	Organic Chemistry	4
CHEM 214	Elementary Biochemistry	3
HLTH 241	Ethical Aspects of Healthcare	3
KAAP 309	Human Anatomy and Physiology I	4
KAAP 310	Human Anatomy and Physiology II	4
One of the following MATH courses:		3-4
MATH 114	College Mathematics and Statistics (3)	
MATH 115	Pre-Calculus (3)	
MATH 117	Pre-Calculus for Scientists and Engineers (4)	
MATH 221	Calculus I (3)	
MATH 241	Analytic Geometry and Calculus A (4)	

NTDT 200	Nutrition Concepts	3
PSYC 100	General Psychology	3
STAT 408	Statistical Research Methods I	3
MEDT 100	Introduction to Medical Laboratory Science	1
MEDT 200	The Language of Medicine	3
MEDT 360	Clinical Immunology & Medical Virology	3
MEDT 398	Body Fluid Analysis	1
MEDT 401	Clinical Physiological Chemistry I	3
MEDT 404	Hematology I	2
MEDT 406	Medical Microbiology	3
MEDT 409	Immunohematology I	1
MEDT 462	Experiential Learning	3

- (200 hours of physician assistant shadowing are suggested but not required for graduation. Shadowing hours may be used to fulfill requirements for MEDT 462.)

CREDITS (3-YEAR CONCENTRATION) TO TOTAL A MINIMUM OF 92

For the Medical Diagnostics major, the following courses need to be completed:

BISC 401	Molecular Biology of the Cell	3
BISC 403	Genetic and Evolutionary Biology	3
ENGL	Any English course at the 200-level or above. (Many English courses also can satisfy the Creative Arts and Humanities breadth requirement.)	3
MEDT 403	Clinical Physiological Chemistry II	4
MEDT 405	Hematology II	2
MEDT 420	Immunohematology II	1
MEDT 430	Diagnostic Bacteriology and Medical Mycology	3

ELECTIVES

In addition to required courses, sufficient electives must be taken to meet the minimum credits required for the degree.

CREDITS (4-YEAR MAJOR) TO TOTAL A MINIMUM OF 120

ROUTING AND AUTHORIZATION: (Please do not remove supporting documentation.)

Department Chairperson Huey-Jen Lin Date Nov. 30, 2012

Dean of College Susan J Hall Date 11/30/12

Chairperson, College Curriculum Committee _____ Date _____

Chairperson, Senate Com. on UG or GR Studies _____ Date _____

Chairperson, Senate Coordinating Com. _____ Date _____

Secretary, Faculty Senate _____ Date _____

Date of Senate Resolution _____ Date to be Effective _____

Registrar _____ Program Code _____ Date _____

Vice Provost for Academic Affairs & International Programs _____ Date _____

Provost _____ Date _____

Board of Trustee Notification _____ Date _____

Revised 02/09/2009 /khs

Ciulla, Anna P.

From: Hall, Susan J.
Sent: Tuesday, November 27, 2012 1:36 PM
To: Ciulla, Anna P.
Subject: FW: Request for course access

fyi

From: Gregory A. Miller [mailto:gmiller@psych.udel.edu]
Sent: Thursday, November 15, 2012 10:30 PM
To: Hall, Susan J.
Cc: Matt, Kathleen S.
Subject: RE: Request for course access

I support this initiative and am happy to have PSYC100 included as a requirement.

Gregory A. Miller
Professor and Chair
Dept of Psychology
Univ of Delaware

From: Hall, Susan J. [mailto:sjhall@udel.edu]
Sent: Thursday, November 15, 2012 11:27 AM
To: Gregory A. Miller
Cc: Matt, Kathleen S.
Subject: Request for course access
Importance: High

Dear Greg,
Thomas Jefferson University is developing a physician assistant program and they have approached the College of Health Sciences to provide an undergraduate articulation for the program. It is important that we be able to include the following course among our pre-physician assistant program requirements:

PSYC100	General Psychology	3

We plan to launch the program in Fall 2013. We anticipate very few students during the first year, with up to 15 in the second year. The subsequent growth of the program will be dependent on development of additional articulation agreements.

As you know, we will need a note of support from your department in order to include this course in our proposed curriculum. We would be most appreciative of your support.

Please let me know if I can answer any questions.

Sincerely,
Susan

Susan J. Hall, Ph.D., FACSM
Deputy Dean, College of Health Sciences

Ciulla, Anna P.

From: Michael Peterson <pmpeter@UDel.Edu>
Sent: Tuesday, November 27, 2012 8:34 PM
To: Ciulla, Anna P.
Subject: Re: Request for course access

You have my approval to include this course in the pre-PA concentration.
Mike

Sent from my iPad

On Nov 27, 2012, at 6:45 PM, "Ciulla, Anna P." <aciulla@UDel.Edu> wrote:

> Hi Mike,
>
> The Department of Medical Laboratory Sciences is developing a Pre-Physician Assistant concentration in the Medical Diagnostics major. It is important that we be able to include the following course among our pre-physician assistant program requirements:
>
> **NTDT 200 Nutrition Concepts 3cr**
>
> We plan to launch the concentration in Fall 2013. We anticipate very few students during the first year, with up to 15 in the second year. The subsequent growth of the program will be dependent on development of articulation agreements.
>
> As you know, we will need a note of support from your department in order to include this course in our proposed curriculum. We would be most appreciative of your support.
>
> The College Curriculum Committee meets on Friday, Nov. 30, so time is an issue. I apologize for the short notice.
>
> Please let me know if I can answer any questions.
>
> Thank you.
>
> Anna.