

Cover Sheet: Request 10970

Reduction in Credit Hours in the pre-professional curriculum of the Doctor of Pharmacy degree

Info

Process	Degree Change Credits Ugrad/Pro
Status	Pending
Submitter	Beck,Diane Elizabeth beck@cop.ufl.edu
Created	4/21/2016 12:47:21 AM
Updated	4/22/2016 9:58:45 AM
Description	<p>The College of Pharmacy is requesting approval to reduce the pre-pharmacy curriculum by 13 credit hours.</p> <p>Based on a comparison of peer-institutions and national trends, it has been determined that the following courses are no longer needed in the pre-professional curriculum: Physics I (PHY 2053/2053L) for 4/1 credits; Physics II (PHY 2054/2054L) for 4/1 credits; and, SPC 2608 Public Speaking for 3 credits.</p>

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	COP - Interdisciplinary Studies	Whalen, Karen		4/22/2016
No document changes					
College	Approved	COP - College of Pharmacy	Beck, Diane Elizabeth		4/22/2016
Added Comparison of pre-pharmacy curricula.pdf					4/22/2016
Added Pharmacy Catalog Copy Pre-Pharmacy 2016-2017.docx					4/22/2016
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			4/22/2016
No document changes					
Faculty Senate Steering Committee					
No document changes					
Faculty Senate					
No document changes					
Academic Affairs					
No document changes					
Board of Trustees					
No document changes					
Board of Governors					
No document changes					
Academic Affairs Notified					
No document changes					

Step	Status	Group	User	Comment	Updated
Office of the Registrar					
No document changes					
OIPR Notified					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Degree|Change_Credits for request 10970

Info

Request: Reduction in Credit Hours in the pre-professional curriculum of the Doctor of Pharmacy degree

Submitter: Beck,Diane Elizabeth beck@cop.ufl.edu

Created: 4/22/2016 9:58:01 AM

Form version: 4

Responses

Degree Name Doctor of Pharmacy (After Completion of Professional Courses)

CIP Code51.2001

Current Total Credits76-79 in the preprofessional curriculum

Proposed Total Credits 63-66 in the preprofessional curriculum

Effective Term Earliest Available

Effective Year Earliest Available

Pedagogical Rationale/Justification This is a request to decrease the number of required credits in the pre-professional curriculum for pharmacy from 76-79 credits to 63-66 credits. (A 13 credit hour reduction)

This is being done so that the pre-pharmacy curriculum can be completed by students within 2 years. In 2011, the number of credit hours in the pre-pharmacy curriculum was increased. This was done because a national trend was to move non-pharmacy courses out of the professional curriculum and into the pre-pharmacy curriculum. (eg, biochemistry and microbiology).

The College of Pharmacy recently compared their pre-pharmacy curriculum to peer institutions and found that most peer institutions are no longer requiring physics and most do not require Public Speaking. Schools/College of Pharmacy in the US are also encountering a reduction in applications. In order to attract the most highly qualified applicants, our pre-pharmacy curriculum needs to be similar to that of our peer institutions.

The following physics requirements are being deleted:

Physics I (PHY 2053/2053L) for 4/1 credits; Physics II (PHY 2054/2054L) for 4/1 credits;

The following Public Speaking course is being deleted from the required curriculum but is encouraged as an elective:

SPC 2608 Public Speaking for 3 credits

Impact on Initial Enrollment/Retention/GraduationThe purpose of this reduction in hours is to increase enrollment by attracting applicants who are also applying to peer institutions.

This reduction in credit hours will allow our pre-pharmacy curriculum to be similar to peer institutions. We anticipate this will allow us to attract applicants who may also be applying to our peer institutions.

Assessment Data ReviewPhysics:

The Pharmacy College Admissions Test (PCAT) is required for admission to a Doctor of Pharmacy program. The blueprint for the PCAT does not include physics. Physics principles are not required to successfully complete courses in a Doctor of Pharmacy curriculum.

Public Speaking:

The Doctor of Pharmacy curricula today place significant emphasis on communication skills across the 4-year Doctor of Pharmacy curriculum. (This was not the case when the College of Pharmacy made Public Speaking a required pre-pharmacy course many years ago.)

Today, Doctor of Pharmacy curricula have extensive coursework that develop a student's ability to communicate with patients and other health professionals. A background in public speaking is not needed to successfully complete the communication skills coursework in a Doctor of Pharmacy curriculum.

Academic Learning Compact and Academic Assessment Plan These changes will not alter the Academic Assessment Plan for the Doctor of Pharmacy Curriculum.

Pharmacy, Preprofessional

Course requirements for the Doctor of Pharmacy include the preprofessional curriculum and four years of professional preparation. Courses in the professional curricula are revised periodically to meet pharmacy education standards. Current information on the curriculum can be obtained from the Office for Student Affairs in the College of Pharmacy.

About This Major

- **College:** Pharmacy
- **Degree:** Doctor of Pharmacy (after completion of professional courses)
- **Credits for Degree:** 66-69 in the pre-professional curriculum
146 in the professional curriculum
- **Minor:** No
- **Website**

Critical Tracking Recommended Semester Plan

Overview

All Doctor of Pharmacy students complete required courses and elective requirements of 64-66 credits in the preprofessional program and 146 total credits in the professional curriculum.

Critical Tracking

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites may be used for transfer students.

Semester 1

- Complete CHM 2045/2045L

Semester 2

- Complete 3 additional courses of the 12 critical-tracking courses, including labs: APK 2100C or ZOO 3713C, APK 2105C or PCB 4723C, BSC 2010/2010L, BSC 2011/2011L, CHM 2210, CHM 2211/2211L, CHM 2046/2046L, MAC 2311, MCB 3020, or, STA 2023
- Cumulative 3.0 GPA or higher preferred for all science courses

Semester 3

- Complete 4 additional courses of the 10 critical-tracking courses, including labs (2 of the courses must be CHM 2210, and APK 2100C or ZOO 3713C)
- Cumulative 3.0 GPA or higher preferred for all science courses

Semester 4

- Complete all 11 critical-tracking courses, including labs
- Satisfactory score on the PCAT test
- Complete the personal profile essay/campus preference form, letters of recommendation, PharmCAS application and the UF application by February 1
- Approval of college admission committee
- Cumulative 3.0 GPA or higher preferred for all science courses

Semester 5

- Cumulative 3.0 GPA or higher preferred for all science courses

Semester one below may not be the first semester at the university. Semester one refers to the first semester of preprofessional science and mathematics courses. Students who already have satisfied the criteria for a particular semester will be assigned a semester to begin the tracking program.

Critical-tracking courses should be completed in the semester indicated. Preprofessional courses are followed by an asterisk (*).

Recommended Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. Students are required to complete IUF 1000 What is the Good Life (GE-H) in semester 1 or 2. Students admitted to pharmacy school must complete BCH 4024 before enrollment.

Semester 1	Credits
BSC 2010 and 2010L Integrated Principles of Biology 1 (3) and Integrated Principles of Biology 1 Laboratory (1) (GE-B) *	4
CHM 2045 and 2045L General Chemistry 1 (3) and General Chemistry 1 Laboratory (1) (State Core GE-B/P) *	4
MAC 2311 Analytic Geometry and Calculus 1 (State Core GE-M) *	4
Composition (State Core GE-C) (WR)	3
	Total 15

Semester 2	Credits
BSC 2011 and 2011L Integrated Principles of Biology 2 (3) and Integrated Principles of Biology 2 Laboratory (1) (GE-B) *	4
CHM 2046 and 2046L General Chemistry 2 (3) and General Chemistry 2 Laboratory (1) (GE-P) *	4
IUF 1000 What is the Good Life (GE-H)	3
STA 2023 Introduction to Statistics 1 (GE-M) *	3
	Total 14

Summer

SPC 2608 Introduction to Public Speaking or SPC2300 Speech Communications** (Recommended)	3
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Semester 3	Credits
APK 2100C Applied Human Anatomy with Laboratory or ZOO 3713C Functional Vertebrate Anatomy *	4
CHM 2210 Organic Chemistry 1 *	3
Composition (GE-C) (WR)	3
Social and Behavioral Sciences (ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics recommended; both GE-S) **	3-4
Social and Behavioral Sciences (State Core GE-S and D) (WR) **	3
	Total 16-17

Semester 4	Credits
APK 2105C Applied Human Physiology with Laboratory (4) or PCB 4723C Physiology and Molecular Biology of Animals (5) *	4-5
CHM 2211 and 2211L Organic Chemistry 2 (3) and Organic Chemistry 2 Laboratory (2) *	5
MCB 3020 Basic Biology of Microorganisms * (Can be taken in the summer semester)	3
Humanities (State Core GE-H-N) (WR; can be taken in prior spring semester)	3
	Total 15-16

Summer	Credits
BCH 4024 Introduction to Biochemistry and Molecular Biology or BCH 3025 Fundamentals of Biochemistry*	3-4

* Preprofessional courses

** Students are also expected to complete the general education international (GE-N) and diversity (GE-D) requirements concurrently with another Gen Ed requirement (typically, GE-H or S). Students are encouraged to take SPC 2608 Introduction to Public Speaking or SPC2300 Speech Communication. In the professional curriculum students will use communications skills with peers and faculty in labs and with patients and other health care providers in supervised pharmacy practice experience courses.

Major

Pharmacy, Preprofessional

Course Descriptions

Course requirements for the Doctor of Pharmacy include the preprofessional curriculum and four years of professional preparation. Courses in the professional curricula are revised periodically to meet pharmacy education standards. Current information on the curriculum can be obtained from the Office for Student Affairs in the College of Pharmacy.

About This Major

College: Pharmacy**Degree:** Doctor of Pharmacy (after completion of professional courses)**Credits for Degree:** 77-79 in the preprofessional curriculum
146 in the professional curriculum**Minor:** No**Website**[Critical Tracking](#)[Recommended Semester Plan](#)**Overview**

All Doctor of Pharmacy students complete required courses and elective requirements of 77-79 credits in the preprofessional program and 146 total credits in the professional curriculum.

Critical Tracking

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

Semester 1

Complete CHM 2045/2045L

Semester 2

Complete 3 additional courses of the 13 critical-tracking courses, including labs: APK 2100C or ZOO 3713C, APK 2105C or PCB 4723C, BSC 2010/2010L, BSC 2011/2011L, CHM 2210, CHM 2211/2211L, CHM 2046/2046L, MAC 2311, MCB 3020, PHY 2053/2053L, PHY 2054/2054L, SPC 2608, STA 2023
3.0 GPA required for all science courses

Semester 3

Complete 4 additional courses of the 13 critical-tracking courses, including labs
(2 of the courses must be CHM 2210, and APK 2100C or ZOO 3713C)
3.0 GPA required for all science courses

Semester 4

Complete all 14 critical-tracking courses, including labs
Satisfactory score on the PCAT test
Complete the personal profile essay/campus preference form, letters of recommendation, PharmCAS application and the UF application by February 1
Approval of college admission committee
3.0 GPA required for all science courses

Semester 5

3.0 GPA required for all science courses

Semester one below may not be the first semester at the university. Semester one refers to the first semester of preprofessional science and mathematics courses. Students who already have satisfied the criteria for a particular semester will be assigned a semester to begin the tracking program.

Critical-tracking courses should be completed in the semester indicated. Preprofessional courses are followed by an asterisk (*)

Recommended Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. Students are required to complete IUF 1000 What is the Good Life (GE-H) in semester 1 or 2. Students admitted to pharmacy school must complete BCH 4024 before enrollment.

Semester 1	Credits
BSC 2010 and 2010L Integrated Principles of Biology 1 (3) and Integrated Principles of Biology 1 Laboratory (1) (GE-B) *	4
CHM 2045 and 2045L General Chemistry 1 (3) and General Chemistry 1 Laboratory (1) (State Core GE-B/P) *	4
MAC 2311 Analytic Geometry and Calculus 1 (State Core GE-M) *	4
Composition (State Core GE-C) (WR)	3
Total	15

Semester 2	Credits
BSC 2011 and 2011L Integrated Principles of Biology 2 (3) and Integrated Principles of Biology 2 Laboratory (1) (GE-B) *	4
CHM 2046 and 2046L General Chemistry 2 (3) and General Chemistry 2 Laboratory (1) (GE-P) *	4
IUF 1000 What is the Good Life (GE-H)	3
STA 2023 Introduction to Statistics 1 (GE-M) *	3
Total	14

Summer	Credits
Composition (GE-C)	3
Social and Behavioral Sciences (State Core GE-S and D) (WR) **	3
Social and Behavioral Sciences (ECO 2013 Principles of Macroeconomics or ECO 2023 Principles of Microeconomics recommended; both GE-S) **	3-4
Total	9-10

Semester 3	Credits
APK 2100C Applied Human Anatomy with Laboratory or ZOO 3713C Functional Vertebrate Anatomy *	4
CHM 2210 Organic Chemistry 1 *	3
PHY 2053 and 2053L Physics 1 (4) and Physics 1 Laboratory (1) (GE-P)	5
SPC 2608 Introduction to Public Speaking *	3
Total	15

Semester 4	Credits
APK 2105C Applied Human Physiology with Laboratory (4) or PCB 4723C Physiology and Molecular Biology of Animals (5) *	4-5
CHM 2211 and 2211L Organic Chemistry 2 (3) and Organic Chemistry 2 Laboratory (2) *	5
MCB 3020 Basic Biology of Microorganisms * (Can be taken in the summer semester)	3
PHY 2054 and 2054L Physics 2 (4) and Physics 2 Laboratory (1) (GE-P) *	5
Total	17-18

Summer	Credits
BCH 4024 Introduction to Biochemistry and Molecular Biology *	4
Humanities (State Core GE-H) (WR; can be taken in prior spring semester)	3
Total	7

Summer courses have been moved into Semesters 3-4

The pre-pharmacy curriculum is being reduced by 10 credit hours:

Physics is no longer required

Public Speaking is No longer Required - It is now only recommended as an elective

Physics is no longer required

Humanities moved to Semester 4

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