Cover Sheet: Request 12238

Certificate in Personalized Medicine

Info

Process	Certificate|New|Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Diane Beck beck@cop.ufl.edu
Created	1/19/2018 12:16:56 AM
Updated	1/25/2018 8:03:50 PM
Description of request	This is a new certificate request. The Certificate in Personalized Medicine is designed to prepare students to use pharmacogenomic and genomic data in their future clinical practice. Students will gain a general genomic and molecular biology background as well as valuable experience applying genomic data to patient scenarios and an understanding of practical issues affecting genomic medicine implementation, including clinical laboratory testing, informatics, and ethical, legal, and social issues.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	COP - Interdisciplinary Studies	Karen Whalen		1/22/2018
No document changes					
College	Approved	COP - College of Pharmacy	Diane Beck		1/23/2018
No document changes					
Office of Institutional Planning and Research	Approved	PV - Office of Institutional Planning and Research	Cathy Lebo		1/25/2018
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			1/25/2018
No document changes					
Office of the Registrar					
No document changes					
OIPR Notified					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Certificate|New for request 12238

Info

Request: Certificate in Personalized Medicine
Description of request: This is a new certificate request.

The Certificate in Personalized Medicine is designed to prepare students to use pharmacogenomic and genomic data in their future clinical practice. Students will gain a general genomic and molecular biology background as well as valuable experience applying genomic data to patient scenarios and an understanding of practical issues affecting genomic medicine implementation, including clinical laboratory testing, informatics, and ethical, legal, and social issues.
Submitter: Diane Beck beck@cop.ufl.edu
Created: 1/18/2018 11:57:14 PM
Form version: 1

Responses

Certificate Name Certificate in Personalized Medicine
Transcript Title Certificate in Personalized Medicine
Credits 10
Level Professional
CIP Code 51.2001
Degree Program Pharmacy
Effective Term Earliest Available
Effective Year Earliest Available
Certificate Description The Certificate in Personalized Medicine prepares students to use pharmacogenomic and genomic data in their future clinical practice. Students will gain a general genomic and molecular biology background as well as valuable experience applying genomic data to patient scenarios and an understanding of practical issues affecting genomic medicine implementation.
Requirements for Admission To be considered for the certificate program, students should meet the following minimum requirements:

- Completion of at least year 1 within the PharmD curriculum
- No grades less than “C-“ in any course within the PharmD curriculum
- A minimum GPA of 3.0
- Good academic standing as defined by the College of Pharmacy Academic Performance Standards

Requirements for Completion Required Courses:
PHA 5933: Clinical Applications of Personalized Medicine 2 cr hr (A-E grading)
PHA 5XXX: Pharmacogenomic Literature Assessment 1 cr hr (A-E grading)

Selectives:
PHA 5767: Non-Patient Care Elective Advanced Pharmacy Practice Experience 4 cr hr (A-E grading)
or
PHA 5907: Research in Pharmacotherapy & Translational Research 4 cr hr (S-U grading)

Electives:
At least 3 credit hours from the following options:
PHA 6852 Mammalian Molecular Biology 3 cr hr
PHA 6855 Forensic Genetics 3 cr hr
PHA 5930: Seminar in Pharmacy Research 2 cr hr
PHA 5XXX: UF Precision Medicine Conference 1 cr hr
Rationale and Place in Curriculum Students may begin this certificate following completion of year 1 of the Pharm.D. curriculum. During year 1, students learn principles related to pharmacogenomics and other foundational knowledge related to pharmacy practice.
The student then completes the certificate courses across years 2 through 4 of the 4-year curriculum.
Student Learning Outcomes 1. Demonstrate foundational knowledge related to molecular mechanisms by which genomic variation affects drug response
2. Use expert guidelines and the scientific literature to identify gene-drug pairs that may have

sufficient evidence for implementation into clinical practice
3. Interpret genetic test results into clinically actionable recommendations for patients and fellow clinicians