

**Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum**

Institution Submitting Request: *University of Utah*,  
 Proposed Title: *MS in Health System Pharmacy Administration*  
 Currently Approved Title: *MS in Pharmacotherapy Outcomes Research & Health Policy*  
 School or Division or Location: *College of Pharmacy*  
 Department(s) or Area(s) Location: *Department of Pharmacotherapy*  
 Recommended Classification of Instructional Programs (CIP) Code<sup>1</sup> (for new programs): *00.0000*  
 Current Classification of Instructional Programs (CIP) Code (for existing programs): *51.2008*  
 Proposed Beginning Date (for new programs): *08/01/2013*  
 Institutional Board of Trustees' Approval Date: *MM/DD/YEAR*

Proposal Type (check all that apply):

Regents' General Consent Calendar Items		
<i>R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar</i>		
SECTION NO.		ITEM
5.1.1	<input type="checkbox"/>	Minor*
5.1.2	<input type="checkbox"/>	Emphasis*
5.2.1	<input type="checkbox"/>	Certificate of Proficiency*
5.2.3	<input type="checkbox"/>	Graduate Certificate*
5.4.1	<input type="checkbox"/>	New Administrative Unit
	<input type="checkbox"/>	Administrative Unit Transfer
	<input type="checkbox"/>	Administrative Unit Restructure
	<input type="checkbox"/>	Administrative Unit Consolidation
5.4.2	<input type="checkbox"/>	New Center
	<input type="checkbox"/>	New Institute
	<input type="checkbox"/>	New Bureau
5.5.1	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs
5.5.2	<input type="checkbox"/>	Program Transfer
	<input type="checkbox"/>	Program Restructure
	<input type="checkbox"/>	Program Consolidation
5.5.3	<input checked="" type="checkbox"/>	Name Change of Existing Programs
5.5.4	<input type="checkbox"/>	Program Discontinuation
	<input type="checkbox"/>	Program Suspension
5.5.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Program
	<input type="checkbox"/>	Reinstatement of Previously Suspended Administrative Unit

\*Requires "Section V: Program Curriculum" of Abbreviated Template

**Chief Academic Officer (or Designee) Signature:**

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

\_\_\_\_\_  
 Signature

Date: *MM/DD/YEAR*

Printed Name: *Name of CAO or Designee*

<sup>1</sup> CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

**Program Request - Abbreviated Template**  
**University of Utah, College of Pharmacy, Department of Pharmacotherapy**  
**MS in Pharmacotherapy Outcomes Research & Health Policy**  
*03/15/2013*

**Section I: Request**

The purpose of this request is a name change for the Master of Science (MS) degree program in the Department of Pharmacotherapy from *MS in Pharmacotherapy Outcomes Research and Health Policy* to *MS in Health System Pharmacy Administration*. As you will likely remember from the department's recent Graduate Program Review, the department has a relatively new *PhD program in Pharmacotherapy Outcomes Research and Health Policy*. The department also provides graduate level study for the MS degree, a program which has been in existence since the early 1980s.

**Section II: Need**

First, due to a departmental name change from Pharmacy Practice to Pharmacotherapy in 2004, the MS program name was changed from Pharmacy Administration to Pharmacotherapy in order to be consistent with the department's name. In 2011, the University of Utah Graduate Council and the State Board of Regents approved the new PhD program and program name, *Pharmacotherapy Outcomes Research and Health Policy*. At the time the PhD program was approved, the department's Graduate Programs Committee made the decision that the name of the MS program should change from *Pharmacotherapy* to *Pharmacotherapy Outcomes Research and Health Policy*, again for consistency, but without long-term consideration of the impact on the advanced practice administrative residencies as described below.

The first class of *Pharmacotherapy Outcomes Research and Health Policy PhD* students were admitted in Fall 2012, and pharmacotherapy research outcomes-focused MS students are no longer admitted (PhD level study only). However, the MS program remains active and continues to be aligned with health system pharmacy administration residencies (advanced practice-based training) offered by Intermountain Healthcare (IHC, 1 administrative resident/year, 2 year program) and University of Utah Hospitals and Clinics (UUHC, 2 administrative residents/year, 2 year program) that are accredited by the American Society of Health-System Pharmacists (ASHP). Therefore, the department only admits students to the MS program if they are concurrently enrolled in the local ASHP Health System Pharmacy Administration residencies.

Second, as part of the department's continuous quality improvement process, the corporate administrative pharmacy directors from IHC (Dr. Tina Aramaki) and UUHC (Dr. Linda Tyler), advanced practice managers from both institutions, current and past residents/MS program students, myself as chair of the department and Dr. Nancy Nickman as chair of the department's Graduate Programs Committee and primary advisor for the MS students, met over a series of 3 evenings last fall 2012 to review the MS program curriculum and the extent to which MS program coursework matched outcomes goals for the ASHP Health System Pharmacy Administration Residencies. The outcome of this process was a re-designed curriculum that has been attached to this letter as an information item for the Graduate Council. The revised curriculum, tentatively retitled *MS in Health System Pharmacy Administration* until Graduate Council approval, has been designed to meet a number of needs relative to advanced education and training of future health system pharmacy administrators. The curriculum was unanimously approved by the department's Graduate Programs Committee at its December 2012 meeting.

### Section III: Institutional Impact

Finally, the requested name change is well supported by a documented process of quality improvement relative to a graduate program. Dr. Nickman, Dr. Tyler and I would be pleased to attend Graduate Council in order to answer questions relative to this request at your earliest convenience. The change will attract more residents to the program and will require no change in administrative structure, faculty, staff, or resources.

### Section IV: Finances

No costs or savings are involved in this change.

### Section V: Program Curriculum

## University of Utah College of Pharmacy MS in Health-System Pharmacy Administration Curriculum in conjunction with PGY1/PGY2 HSPA Residency Program

The MS program is designed to complement the 2 year Health-System Pharmacy Administration residency program. The MS program is used by residents of University of Utah Hospitals & Clinics and Intermountain Health Care. Course sequencing coordinates with the residency. In particular, residents have a light course load the initial semester to allow time to concentrate on clinical rotations. All courses are offered late in the afternoon. For the new courses that will be developed, an emphasis will on case based and skill based learning through small group discussion, active learning, and workshop formats. 30 credits are required for graduation.

<b>Fall Semester, Year 1 (July to December)</b>			
<i>Course Number</i>	<i>Course title</i>	<i>Credit</i>	<i>Comments</i>
PCTH 6500	Research ethics	1	continued from original MS
PCTH 6910	Project Research: Masters	1	continued from original MS
PCTH 6XXX	Current Issues in Pharmacy Leadership	1	new course in PCTH
<i>Totals:</i>		3	
<b>Spring Semester, Year 1 (January to May)</b>			
PCTH 6XXX	Accounting and Financial Management for Pharmacy Leaders I	1	new course in PCTH
PCTH 6XXX	Operations Management	2	new course in PCTH
PCTH 6891	Research seminar II	1	continued from original MS
<i>Totals:</i>		4	
<b>Summer Semester, Year 1 (June to August)</b>			
PCTH 6XXX	Pharmacy Human Resources	2	new course in PCTH

PCTH 6XXX	Accounting and Financial Management for Pharmacy Leaders II	2	new course in PCTH
PCTH 6XXX	Practical Skills for Pharmacy Leaders	2	new course in PCTH
<i>Totals:</i>		6	
<b>Fall Semester, Year 2 (August to December)</b>			
OIS6040	Data Analysis and Decision Making I	1.5	NN - coordinate w/ Business Sch
PCTH 6XXX	Current Issues in Pharmacy Leadership	1	new course in PCTH
PCTH 6895	Survey of Hospital Pharmacy	2	current class in PCTH
varied	Electives (3-6 credit hours)	3	see below
<i>Totals:</i>		7.5	
<b>Spring Semester, Year 2 (January to June)</b>			
OIS6041	Data Analysis and Decision Making II	1.5	NN - coordinate w/ Business Sch
PCTH 6891	Research seminar II	1	current class in PCTH
PCTH 6910	Project Research: Masters	5	current class in PCTH
varied	Electives (3-6 credit hours)	3	see below
<i>Totals:</i>		10.5	
<i>TOTAL PROGRAM:</i>		31	Final credits will range 31-34 with electives

<b>Elective options</b>		
<i>Course</i>	<i>Course title</i>	<i>Credit</i>
FPMD6400	Public Health Policy and Administration	3
HEDU5450	Health Care Financial Management	3
HEDU6790	Health System Administration	3
NURS6772	Quality Improvement in Health Care	3
PCTH7150	Pharmacotherapy Outcomes Research	3

These represent the most popular courses in the current program, but electives are available based on the resident's interests.

Statistics alternative		
EDPS6010	Introduction to Statistics & Research Design	3

## **DRAFT 120512**

University of Utah College of Pharmacy

Proposed New PCTH Courses for MS program in Health-System Pharmacy Administration

### **Draft Course Descriptions**

**PCTH 6XXX**     **Current Issues in Pharmacy Leadership (1 credit, must take at least 2 semesters)** Journal club reading contemporary articles and books on pharmacy leadership.

**PCTH 6XXX**     **Accounting and Financial Management for Pharmacy Leaders I (1 credit hour)**  
First course in the sequence will emphasize accounting principles and skills necessary for preparing budgets, analyzing income statements and balance sheets. Course will concentrate on pharmacy department accounting and budgeting issues.

**PCTH 6XXX**     **Accounting and Financial Management for Pharmacy Leaders II (2 credit hours)**  
This second course in the series will build on the accounting principles in the first course and extend to overall hospital operations. Budgeting for capital, revenue cycle, and forecasting issues will be included. The course will progress to address the financial principles for pharmacy departments and health care organizations. Impact of health care reform on financial management will also be discussed.

**PCTH 6XXX**     **Operations Management for Pharmacy Leaders (2 credit hours)**  
The course will emphasize how to manage pharmacy distribution and clinical operations. Topics discussed will include analyzing process flow, measuring and improving performance, managing supply chain, contracting, and customer service. Organizational structure, strategic planning and goal setting, and benchmarking will be discussed. Using informatics, automation and technology to improve operations will be discussed. Implications of accreditation and regulatory issues will be addressed.

**PCTH 6XXX**     **Pharmacy Human Resources (2 credit hours)**  
This course will begin with discussing how one manages one's self. This will include discussing managing stress, emotional intelligence, and work styles. A variety of tools (e.g., Strength Finders, Meyers Briggs, Color Code) will be used to describe different workplace and leadership styles. The course will progress to discuss how to manage others by addressing topics such as: recruiting, retention, recognition, evaluation, employee actions, compensation, job descriptions, employee development, succession planning, and accountability.

**PCTH 6XXX**     **Practical Skills for Pharmacy Leaders (1 credit, must take at least 2 credits)**  
This course is offered in workshop format with rotating topics. Potential topics include facilitating meetings, negotiation skills, marketing, advocacy, team building, and conducting root cause and failure mode analyses **relevant to medication safety initiatives**.

**Program Request - Abbreviated Template**  
**University of Utah**  
**Name Change to MS in Health System Pharmacy Administration**  
**03/15/2013**

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**University of Utah College of Pharmacy**

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