CHANGE IN COURSE
Texas A&M University

Departmental Request for a Change in Course
Undergraduate  •  Graduate  •  Professional

Submit original form and attachments.

Form Instructions:
1. Course request type:  
   - Undergraduate  
   - Graduate  
   - First Professional  

2. Request submitted by (Department or Program Name):  
   College of Pharmacy

3. Course prefix, number and complete title of course:  
   PHAR 756 Pharmacy Management

4. Change requested
   a. Prerequisite(s): 
      - From: ____________________________
      - To: ____________________________
   b. Withdrawal (reason):  
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete items 11 a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11 a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  
   - Yes  
   - No

6. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  
   - S/U  
   - P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:
   PHAR 756 Pharmacy Management
   This course introduces the role of management activities within the health care system. It presents skills for analyzing problems involving time, equipment, dollar and human resources in a health care environment. Emphasis is placed on developing problem solving abilities within a framework of pharmacy management.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    PHAR 757 Pharmacy Management and Pharmacoeconomics
    Introduction to leadership and management activities within the health care system; analyzing problems involving time, equipment, funding, and human resources in a health care environment; emphasis on the role of the leader and developing problem solving abilities within a framework of pharmacy management; four pharmacoeconomic models, decision analysis methods, and measuring humanistic, clinical, and economic outcomes; emphasis is placed on skills.

11. a. As currently in course inventory:
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | PHAR   | 756      | PHARMACY MANAGEMENT           |
    | Lect.  | Lab      | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code |
    | 2.00   |          | 2.00  | 5120010115 | 2220        | 0 3 6 3 2 |
    Level 7

    b. Change to:
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | PHAR   | 757      | PHARMACY MGMT & PHARMACOECON  |
    | Lect.  | Lab      | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
    | 3.00   |          | 3.00  | 5120010115 | 2220        | 16 - 17 | 0 3 6 3 2 |

Approval recommended by:

Steven L. Peterson  
Department Head or Program Chair  
Date  

Chair, College Review Committee  
Date  

Dean of College  
Date

Submitted to Coordinating Board by:

Chair, GC or UCC  
Date  

Associate Director, Curricular Services  
Date  

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
PHAR 757
Pharmacy Management and Pharmacoeconomics
SPRING SEMESTER 2017

Course Coordinator
Charles Douglas

Course Meeting Time
TBA

Course Instructors Office Hours
Charles Douglas, PhD, MBA
Kingsville, COP Room 208
(361) 221-0738
charles.douglas@pharmacy.tamhsc.edu
By Appointment

Lixian Zhong, PhD
College Station
(979) 436-0193
zhong@pharmacy.tamhsc.edu
By Appointment

Textbooks
Required:
2. Essentials of Pharmacoeconomics, (2nd Ed.) Karen Rascati

Recommended:
None

Course Description – PHAR 757
3 semester credit hours
Introduction to leadership and management activities within the health care system; analyzing problems involving time, equipment, funding, and human resources in a health care environment; emphasis on the role of the leader and developing problem solving abilities within a framework of pharmacy management; four pharmacoeconomic models, decision analysis methods, and measuring humanistic, clinical, and economic outcomes; emphasis is placed on skills to evaluate pharmacoeconomic literature.

Learning Objectives
1. Communicate an understanding of the basic models used in pharmacoeconomics and their applications in pharmaceutical care. The basic models are Cost-Minimization Analysis (CMA),
2. Cost-Effectiveness Analysis (CEA), Cost-Utility Analysis (CUA) and Cost-Benefit Analysis
3. (CBA),
2. Be able to select, and defend the selection of the most appropriate pharmacoeconomic model for a specific research/administrative question.
3. Prepare a critical review of a pharmacoeconomic research article and case studies using the student’s knowledge of principles of clinical research, statistical analysis, pharmacoepidemiology and other research tools.
4. Demonstrate knowledge of decision analysis by constructing a decision tree to model a disease process including clinical and economic variables.
5. Apply basic concepts of Markov simulation techniques in pharmacoeconomic analysis and disease state modeling (decision tree).
6. Understand the broader policy issues of employing pharmacoeconomic and QoL analysis in drug product coverage and reimbursement decisions in public and private prescription drug programs.
7. Describe the three fundamental models of strategic business positions.
8. Demonstrate knowledge of leadership characteristics and elements of power by describing appropriate application.
9. Be able to select, and defend the selection of the most appropriate method of communication, conflict management, and negotiation techniques by describing appropriate application.
10. Communicate an understanding how legal, workplace and performance factors impact on the practice of human resources in pharmacy.
11. Describe the financial impact of reimbursement codes and quality performance measurement of a pharmacy.
12. Communicate an understanding of the impact of informatics and automation on pharmacy operations.
13. Demonstrate knowledge of inventory management by describing cost factors in the purchase and storage of inventory.
14. Describe concepts of financial management in the drug supply chain and in retail pharmacy.
15. Describe the financial impact of quality improvement programs and customer satisfaction in pharmacy.
16. Describe the application of Marketing’s 4Ps in Pharmacy.
17. Demonstrate knowledge of risk management by describing costs and consequences of different methods of risk mitigation.
18. Understand the broader policy issues of employing developing your personal brand on your career.

PHAR 757 will be conducted in accordance with the College-Wide Course Policies and Procedures as posted on the College Website http://pharmacy.tamhsc.edu/current/policies/index.html Specifically this refers to the policies and procedures for: Disability Support Services, Grading Policy, Rounding Grades, Communication Devices, Student Communication, Active Student Engagement, Attendance Policy, Academic Integrity, Course and Instructor Evaluations, Audio/Video Recording, Examination Administration, Examination Question Review and Appeal, Chain of Command for Student Problems with the Course.

**Grading Policy**
A student’s grade in every course in the curriculum of the Texas A&M Health Science Center College of Pharmacy is based upon performance and/or participation in classes or clinical rotations, laboratory work, examinations, attendance, professional attributes and attitudes,
personal observations, and other activities applicable to that course. The standing of a student in any course is determined by the faculty. The proportionate weight of each factor is set by the course instructor and the department administering the course.

The right and responsibility to evaluate student cognitive and noncognitive abilities rests with the faculty. A grade of \(A\), \(B\), \(C\) or, in certain designated courses, \(S\), must be attained in all required courses of the pharmacy curriculum in order to satisfy the requirements of the Doctor of Pharmacy degree. The College’s grading system is listed below:

- **A**  Excellent 90 - 100
- **B**  Good 80 - 89
- **C**  Average 70 - 79
- **D**  Poor 60 - 69 (deemed unsatisfactory performance in the College)
- **F**  Failure below 60

Grades will be assigned according to the following guidelines:

- Weekly Quizzes  35%
- Midterm Exam  30%
- Key Assessment  5%
- Final Exam  30%
- **TOTAL**  100%

**Attendance Policy**
All students will adhere to the attendance policies outlined in the College-wide Course Policies and Procedures (http://pharmacy.tamhsc.edu/current/policies/attendance.html) and as described in TAMU Student Rule 7 (http://students-rules.tamu.edu/rule07).

**Americans with Disabilities Act (ADA)**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, and are located in:

- College Station, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.

- Kingsville, please contact the Disability Resource Center located in Student Health and Wellness or call 361-593-3991. For additional information, visit http://www.tamuk.edu/drc/index.html.

**Academic Integrity**
For additional information please visit: http://aggiehonor.tamu.edu
“An Aggie does not lie, cheat, or steal, or tolerate those who do.”

COURSE CALENDAR
TBD

Revision Date October 2015

The Course Coordinator reserves the right to modify the course calendar as needed.