Catalog description of course:
Departmental code or prefix, number, title of course and credit hours; prerequisites; and
description of course as it will appear in the catalog. Note that course descriptions are
limited to approximately 35 words in the Graduate Catalog.

HSCI 730: Health Care Decision Analysis. Students analyze practice patterns and
find optimal methods of improving them. Decision Analysis and Failure Mode
Analysis are used within health care settings. Students integrate scientific evidence,
patients’ preferences and experts’ opinions to identify optimal alternatives.

For course modifications, describe the changes made to the course and justification for
those changes:

The course has been refocused from a broad capstone course in optimization in
health care to a lecture course that focuses on one method of optimization (decision
analysis) but provides more depth into this approach. Prerequisites HSCI 709 and
HSCI 708 were dropped to allow more flexibility in enrollment. Course title has
been changed to reflect the narrower focus.

Approval from other units:
Please list those units outside of your own who may be affected by these changes in the
course. Each of these units must approve this change prior to its being submitted to the
Graduate council for approval.

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Graduate Council approval: __________________________________________
Graduate Council representative: ______________________________________Date:

A ttach copy of school/college/institute course proposal form or modification memo
showing approval date and background data on course.
GEORGE MASON UNIVERSITY
Graduate Course Inventory Form
(Prepare and forward with your course proposal to the Graduate Council)
N=New M=Modify D=Delete (circle one)

Local Unit: College of Nursing and Health Science
Grad Council Approval Date:

Course Abbrev. HSCI
Course Number: 730

Full Course Title: Health Care Decision Analysis
Abbrev. Course Title (max. 24 Characters): Health Care Decision Analysis

Credit Hours: 3 Program of Record: MS, Health Systems Management

Repeatable for Credit?  D=Yes, not within same term  Up to ______ hours
T=Yes, within the same term  Up to ______ hours
N=Cannot be repeated for credit  N

Activity Code: ___X___ LEC - Lecture, _____ LAB.- Lab, _____ RCT - Recitation,
_____ STU - Studio, _____ IND - Independent Study, _____ INT - Internship

Catalog Credit Format: 3:3:0 Course Level: GF (500-600) ___ GA (700+) X

Maximum Enrollment: 15

Submit for new courses - First term to be offered: ___

Prerequisites or co-requisites: HSCI 701 or college level algebra

Catalog Description for the course proposal (35 words or less): Students analyze practice patterns and find optimal methods of improving them. Decision Analysis and Failure Mode Analysis are used within health care settings. Students integrate scientific evidence, patients’ preferences and experts’ opinions to identify optimal alternatives.

Submit for Modified or Deleted courses as appropriate:
Last Term Offered: F01 Previous Course Abbreviation: HSCI Previous Number: 730

Description of modification: The course has been refocused from a broad capstone course in optimization in health care to a lecture course that focuses on one method of optimization (decision analysis) but provides more depth into this approach. Prerequisites HSCI 709 and HSCI 708 were dropped to allow more flexibility in enrollment. Course title has been changed to reflect the narrower focus.

Approval Signatures:
Dept/Prog: ------------- Date: ______

College Committee: ------------- Date: ______

Graduate Council Representative: ------------- Date: ______