Section 1. Current Course Title and Description

Prefix & No.  Course Title  Credits
MLS 471  Molecular Diagnostics  2

Course Description as it currently appears in the system course database:
In depth discussion of the genomic alterations interrogated in molecular diagnostics assays including the techniques, instrumentation, verification/validation strategies, and operational principles of a molecular diagnostic laboratory. Technical applications included are complex genetic testing, infectious disease, bioterrorism, pharmacogenetics, and the use of molecular diagnostics for therapeutic and monitoring purposes as applied to personalized medical practice.

Section 2. Modification(s) Requested

1. This modification will include (check all that apply):

   X A change in instructional method

   Current C Revised R

   Term Change will be effective Spring 2013

2. Provide a justification for all of the changes noted.
   • Changed to reflect more accurately the nature of the course content.

Section 3. To be Completed by Academic Affairs

University Dept Code  SCHEM