

UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. A [checklist](#) is available to assist in the preparation of a proposal. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Raelene Maser phone number 831-8400

Department: Medical Laboratory Sciences email address rmaser@udel.edu

Date: _____

Action: Revise a minor
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term 13F
(use format 04F, 05W)

Current degree _____
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: _____
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: _____
Proposed new name for revised or new major / minor / concentration / academic unit
(if applicable)

Revising or Deleting:

Undergraduate major / Concentration: _____
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor: Medical Diagnostics
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change: _____
(**Must attach** your Graduate Program Policy Statement)

Graduate Program of Study: _____
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration: _____

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the [Course Challenge](#) list. If there are no new courses enter “None”)

MEDT 301 [Introductory Nanomedicine] is a new course in the approval process. This course supports an objective of the minor in that students will be introduced to advances in diagnostic methods for the performance of clinical laboratory testing.

Supply support letter from the Library, Dean, and/or Department Chair if needed

(all new majors/minors will need a support letter from the appropriate administrator.)

NA

Supply a resolution for all new majors/programs; name changes of colleges, departments, degrees; transfer of departments from one college to another; creation of new departments; requests for permanent status. [See example of resolutions.](#)

NA

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: <http://www.ugs.udel.edu/gened/>

Goal 2: The student will apply critical thinking processes to the interpretation and evaluation of data used for the diagnosis of disease.

Goal 7: The student will acquire knowledge in nanomedicine that they will apply to their future career as health care professionals.

Identify other units affected by the proposed changes:

(Attach permission from the affected units. If no other unit is affected, enter “None”)

None

Describe the rationale for the proposed program change(s):

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

Nanomedicine is the application of nanotechnology in the treatment and diagnosis of disease. Nanomedicine covers areas such as nanoparticles that are used for the delivery of medications. Future applications of nanomedicine will involve the use of nanoparticles in drug formulation and their use as nanosensors for the detection of disease at an early stage. The inclusion of this course in the minor will add an important dimension to the University of Delaware’s academic offerings for students preparing for admission to professional schools in medicine, dentistry, pharmacy and to graduate programs in related health fields such as nursing.

Program Requirements:

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.) [See example of side by side.](#)

Current**MINOR IN MEDICAL DIAGNOSTICS**

A minor in Medical Diagnostics may be earned by a student in any University bachelor's degree program through successful completion of a minimum of 15 credits as described below. This degree provides students, especially those preparing for admission to professional schools in medicine, dentistry, pharmacy and to graduate programs in related health fields with the basic knowledge to evaluate and interpret clinical laboratory data. Before beginning these courses, the student must meet the required course prerequisites. Additional courses for satisfying the requirements for the minor may be approved by the Department. A minimum of C- is required in all courses completed for the minor.

		<u>CREDITS</u>
CURRICULUM CREDITS		
Required Courses		
BISC 208	Introductory Biology II	4
MEDT 200	The Language of Medicine	3

Students may select the additional credits from courses listed below:

MEDT 220	Forensic Science	3
MEDT 360	Clinical Immunology and Medical Virology	3
MEDT 390	Introduction to Genetics and Molecular Diagnostics	3
MEDT 401	Clinical Physiological Chemistry I	3

Revised**MINOR IN MEDICAL DIAGNOSTICS**

A minor in Medical Diagnostics may be earned by a student in any University bachelor's degree program through successful completion of a minimum of 15 credits as described below. This degree provides students, especially those preparing for admission to professional schools in medicine, dentistry, pharmacy and to graduate programs in related health fields with the basic knowledge to evaluate and interpret clinical laboratory data. Before beginning these courses, the student must meet the required course prerequisites. Additional courses for satisfying the requirements for the minor may be approved by the Department. A minimum of C- is required in all courses completed for the minor.

		<u>CREDITS</u>
CURRICULUM CREDITS		
Required Courses		
BISC 208	Introductory Biology II	4
MEDT 200	The Language of Medicine	3

Students may select the additional credits from courses listed below:

MEDT 220	Forensic Science	3
MEDT 301	Introductory Nanomedicine	3
MEDT 360	Clinical Immunology and Medical Virology	3
MEDT 390	Introduction to Genetics and Molecular Diagnostics	3

MEDT 403	Clinical Physiological Chemistry II	4
MEDT 404	Hematology I	2
MEDT 405	Hematology II	2
MEDT 406	Medical Microbiology	3
MEDT 430	Diagnostic Bacteriology and Medical Mycology	2

MEDT 401	Clinical Physiological Chemistry I	3
MEDT 403	Clinical Physiological Chemistry II	4
MEDT 404	Hematology I	2
MEDT 405	Hematology II	2
MEDT 406	Medical Microbiology	3
MEDT 430	Diagnostic Bacteriology and Medical Mycology	2

ROUTING AND AUTHORIZATION: (Please do not remove supporting documentation.)

Department Chairperson *Angela* Date 10/2/12

Dean of College _____ Date _____

Chairperson, College Curriculum Committee _____ Date _____

Chairperson, Senate Com. on UG or GR Studies _____ Date _____

Chairperson, Senate Coordinating Com. _____ Date _____

Secretary, Faculty Senate _____ Date _____

Date of Senate Resolution _____ Date to be Effective _____

Registrar _____ Program Code _____ Date _____

Vice Provost for Academic Affairs & International Programs _____ Date _____

Provost _____ Date _____

Board of Trustee Notification _____ Date _____

Revised 02/09/2009 /khs